

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055602.D
 Acq On : 17 May 2019 11:03
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 17 23:23:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:16:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	327841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	495922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	445639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	215466	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	350046	103.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.16%	
35) Dibromofluoromethane	7.59	113	313403	96.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.50%	
50) Toluene-d8	10.09	98	1190266	102.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.00%	
62) 4-Bromofluorobenzene	12.40	95	426776	110.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	221.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	230340	83.285	ug/l 98
3) Chloromethane	2.06	50	316315	91.525	ug/l 100
4) Vinyl Chloride	2.18	62	344961	92.211	ug/l 98
5) Bromomethane	2.54	94	224136	82.727	ug/l 99
6) Chloroethane	2.70	64	199922	83.599	ug/l 98
7) Trichlorofluoromethane	3.02	101	443999	83.950	ug/l 99
8) Diethyl Ether	3.41	74	186789	97.655	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	268569	83.600	ug/l 99
10) Methyl Iodide	3.96	142	423542	90.605	ug/l 99
11) Tert butyl alcohol	4.77	59	331517	1086.289	ug/l 99
12) 1,1-Dichloroethene	3.74	96	282183	93.215	ug/l 98
13) Acrolein	3.60	56	170926	996.452	ug/l 99
14) Allyl chloride	4.33	41	439724	94.694	ug/l 94
15) Acrylonitrile	4.98	53	768044	683.277	ug/l 100
16) Acetone	3.81	43	704709	692.630	ug/l 100
17) Carbon Disulfide	4.06	76	791981	85.881	ug/l 100
18) Methyl Acetate	4.32	43	311939	132.428	ug/l 100
19) Methyl tert-butyl Ether	5.04	73	962499	120.240	ug/l 98
20) Methylene Chloride	4.55	84	316222	92.217	ug/l 98
21) trans-1,2-Dichloroethene	5.04	96	306431	96.481	ug/l 99
22) Diisopropyl ether	5.95	45	941671	109.012	ug/l 97
23) Vinyl Acetate	5.89	43	4100119	636.856	ug/l 100
24) 1,1-Dichloroethane	5.85	63	549664	95.094	ug/l 100
25) 2-Butanone	6.83	43	1047827	785.133	ug/l 100
26) 2,2-Dichloropropane	6.82	77	469265	104.872	ug/l 100
27) cis-1,2-Dichloroethene	6.83	96	357172	99.985	ug/l 99
28) Bromochloromethane	7.20	49	240253	95.188	ug/l 99
29) Tetrahydrofuran	7.21	42	673827	783.629	ug/l 99
30) Chloroform	7.37	83	551754	95.023	ug/l 100
31) Cyclohexane	7.65	56	491533	81.780	ug/l 99
32) 1,1,1-Trichloroethane	7.57	97	489901	98.002	ug/l 100
36) 1,1-Dichloropropene	7.79	75	428447	94.525	ug/l 100
37) Ethyl Acetate	6.92	43	413069	149.058	ug/l 99
38) Carbon Tetrachloride	7.77	117	440386	90.464	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	508390	97.849	ug/l	100
40) Benzene	8.04	78	1271636	95.494	ug/l	100
41) Methacrylonitrile	7.20	41	594656	419.795	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	422408	104.087	ug/l	99
43) Isopropyl Acetate	8.16	43	714738	136.312	ug/l	99
44) Trichloroethene	8.84	130	364480	97.645	ug/l	100
45) 1,2-Dichloropropane	9.12	63	336010	98.270	ug/l	100
46) Dibromomethane	9.21	93	224425	107.484	ug/l	99
47) Bromodichloromethane	9.40	83	457020	104.287	ug/l	100
48) Methyl methacrylate	9.20	41	329661	146.048	ug/l	99
49) 1,4-Dioxane	9.20	88	126177	3448.513	ug/l	100
51) 4-Methyl-2-Pentanone	9.98	43	2068618	827.561	ug/l	100
52) Toluene	10.16	92	813569	103.355	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	528147	122.155	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	563634	113.029	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	323044	109.908	ug/l	99
56) Ethyl methacrylate	10.43	69	528061	150.251	ug/l	99
57) 1,3-Dichloropropane	10.71	76	538145	110.540	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1203119	777.363	ug/l	99
59) 2-Hexanone	10.75	43	1531313	891.377	ug/l	100
60) Dibromochloromethane	10.90	129	388214	113.967	ug/l	100
61) 1,2-Dibromoethane	11.00	107	344113	117.548	ug/l	100
64) Tetrachloroethene	10.63	164	334794	85.394	ug/l	99
65) Chlorobenzene	11.43	112	881990	94.832	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	343134	100.185	ug/l	99
67) Ethyl Benzene	11.51	91	1548336	102.090	ug/l	100
68) m/p-Xylenes	11.62	106	1176832	201.713	ug/l	100
69) o-Xylene	11.95	106	566800	100.707	ug/l	100
70) Styrene	11.96	104	1002256	112.419	ug/l	99
71) Bromoform	12.13	173	313064	123.776	ug/l #	100
73) Isopropylbenzene	12.25	105	1491434	97.709	ug/l	99
74) N-amyl acetate	12.07	43	610476	156.665	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	469553	123.192	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	603158	182.199	ug/l #	100
77) Bromobenzene	12.53	156	407914	99.991	ug/l	99
78) n-propylbenzene	12.59	91	1701804	100.200	ug/l	100
79) 2-Chlorotoluene	12.67	91	1012811	98.652	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1276443	100.844	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	168561	157.313	ug/l	99
82) 4-Chlorotoluene	12.77	91	1032561	101.104	ug/l	99
83) tert-Butylbenzene	12.99	119	1081008	95.538	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1272873	100.701	ug/l	100
85) sec-Butylbenzene	13.17	105	1422443	93.892	ug/l	100
86) p-Isopropyltoluene	13.29	119	1330840	100.527	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	698467	98.442	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	688313	96.492	ug/l	99
89) n-Butylbenzene	13.61	91	1117845	102.981	ug/l	100
90) Hexachloroethane	13.87	117	253166	98.205	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	672210	96.379	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	91581	152.296	ug/l	97

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Instrument :
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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Fri May 17 23:16:47 2019
Response via : Initial Calibration

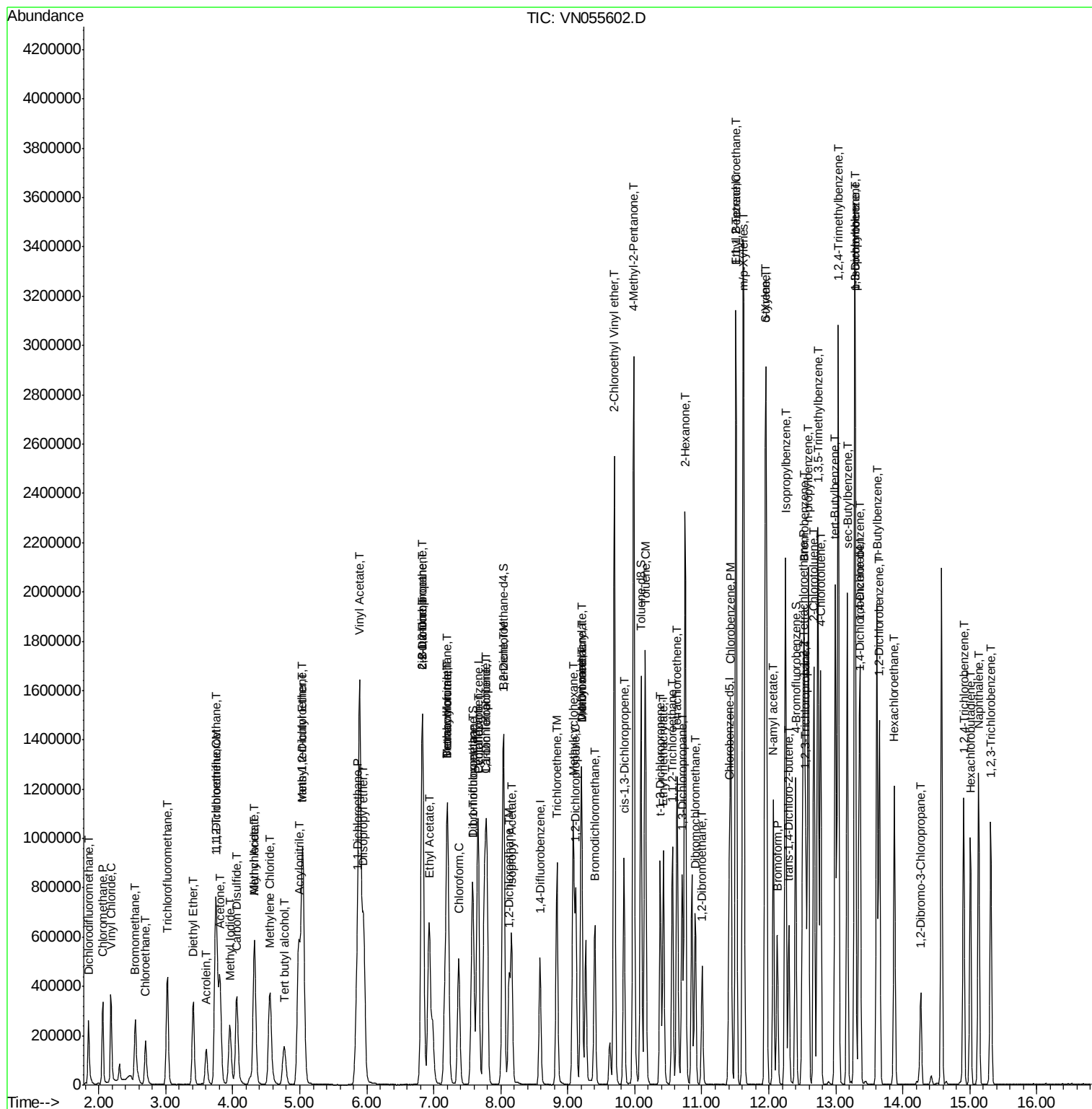
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	407826	111.879	ug/l	99
94) Hexachlorobutadiene	15.01	225	219791	75.876	ug/l	99
95) Naphthalene	15.13	128	1122241	153.155	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	400183	112.605	ug/l	100

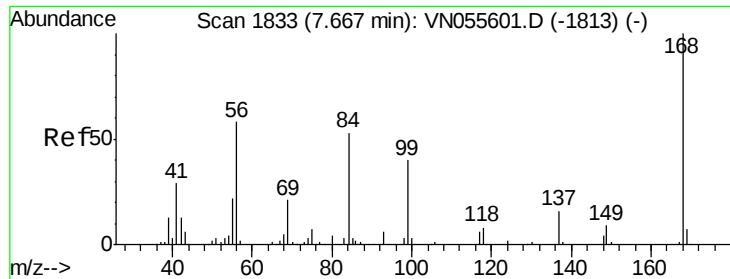
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051719\
Data File : VN055602.D
Acq On : 17 May 2019 11:03
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: May 17 23:23:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:16:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

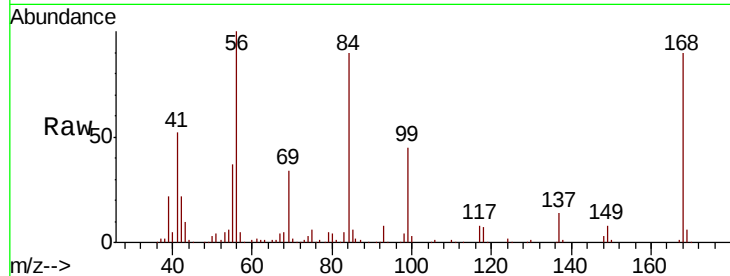
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 327841

Ion Ratio Lower Upper

168 100

99 49.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

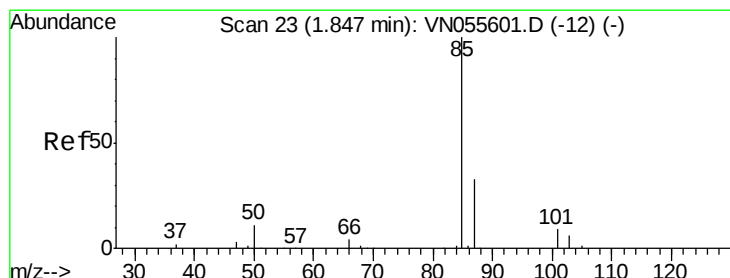
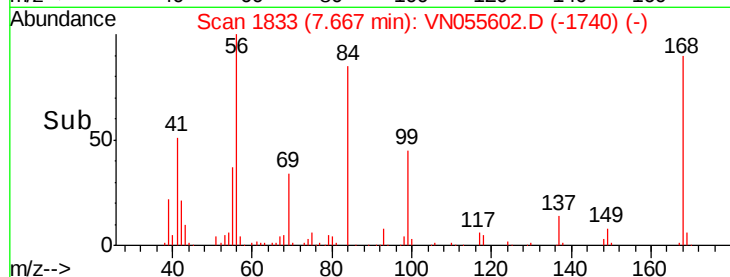
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#2

Dichlorodifluoromethane

Concen: 83.285 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN055602.D

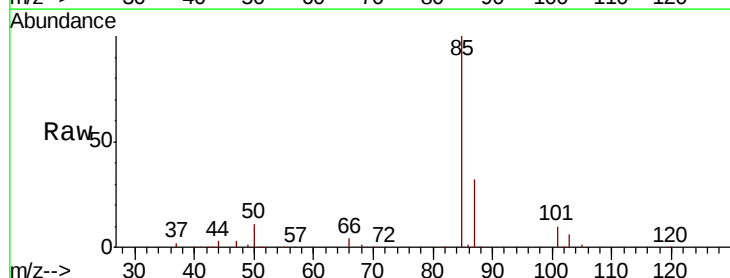
Acq: 17 May 2019 11:03

Tgt Ion: 85 Resp: 230340

Ion Ratio Lower Upper

85 100

87 32.1 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

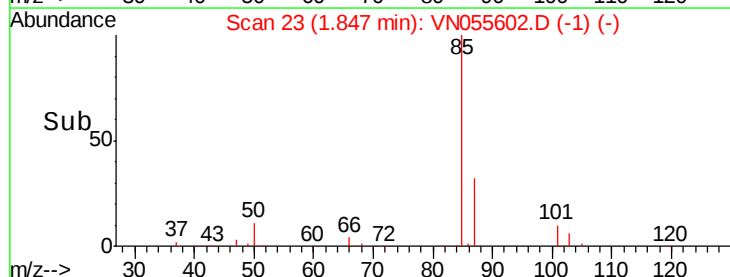
150000

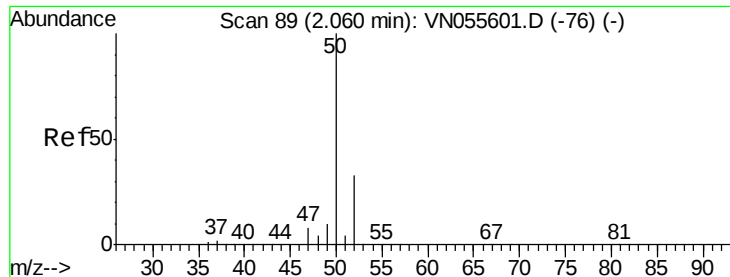
100000

50000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 91.525 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

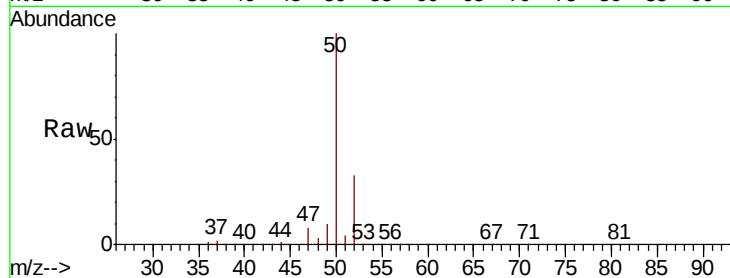
ClientSampleId :

Tot Ion: 50 Resp: 316315

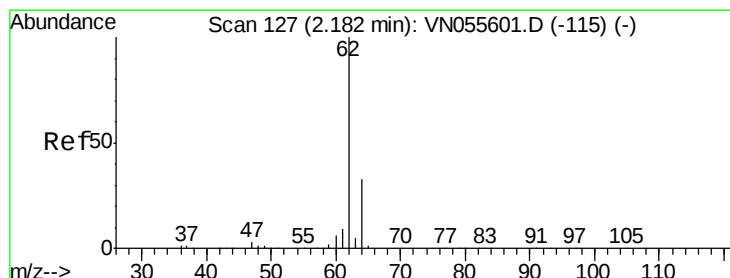
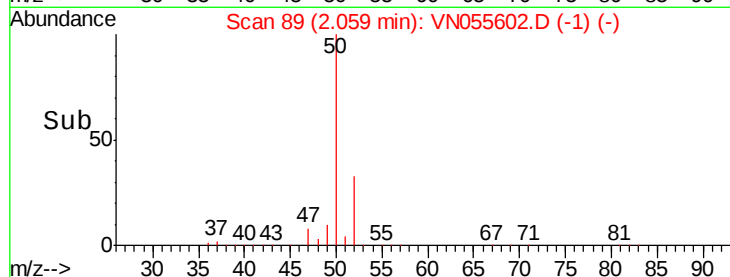
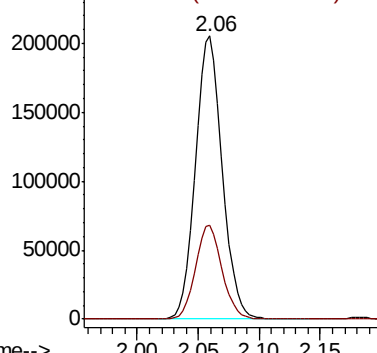
Ion Ratio Lower Upper

50 100

52 33.2 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 92.211 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055602.D

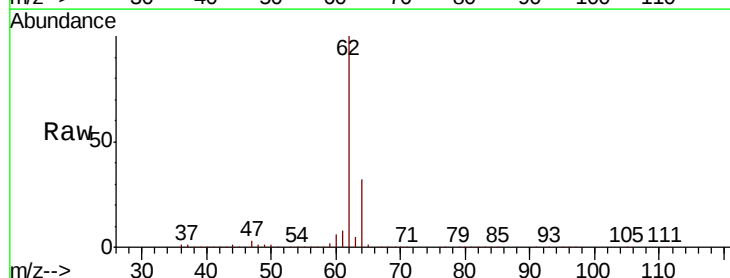
Acq: 17 May 2019 11:03

Tgt Ion: 62 Resp: 344961

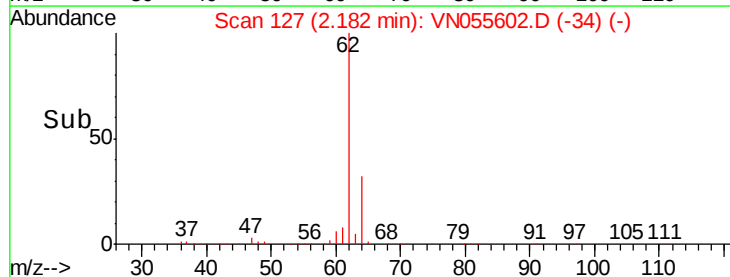
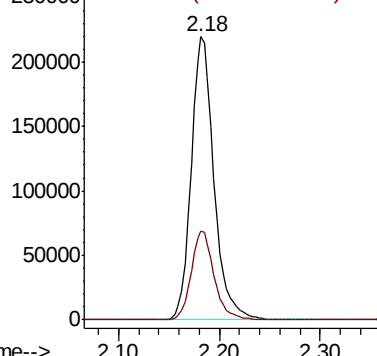
Ion Ratio Lower Upper

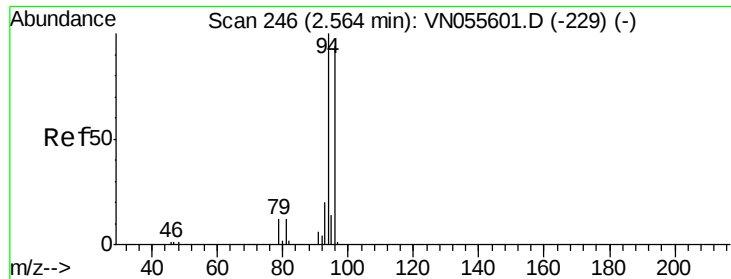
62 100

64 31.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 82.727 ug/l

RT: 2.54 min Scan# 240

Delta R.T. -0.02 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

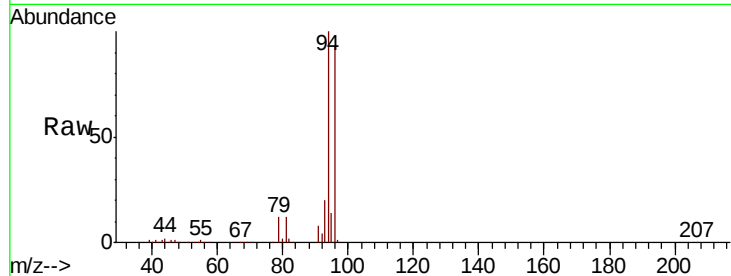
ClientSampled :

Tot Ion: 94 Resp: 224136

Ion Ratio Lower Upper

94 100

96 93.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

100000

80000

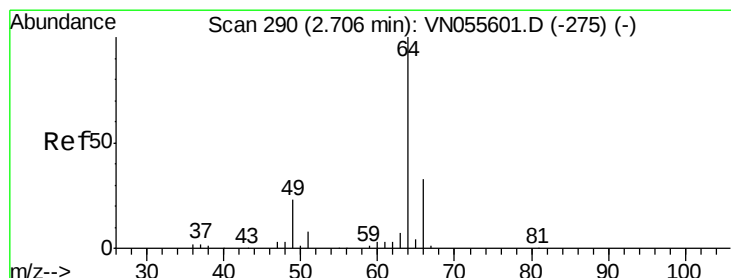
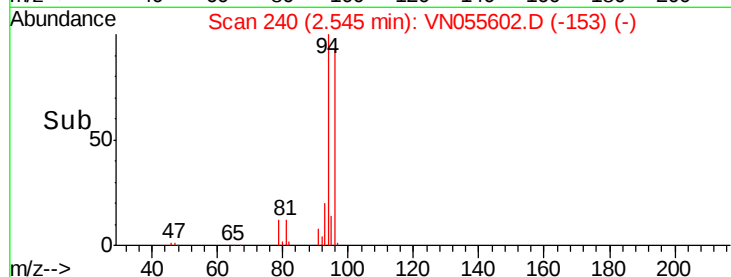
60000

40000

20000

0

Time--> 2.40 2.50 2.60 2.70



#6

Chloroethane

Concen: 83.599 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN055602.D

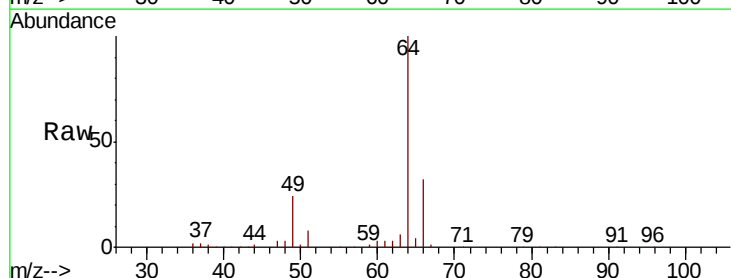
Acq: 17 May 2019 11:03

Tgt Ion: 64 Resp: 199922

Ion Ratio Lower Upper

64 100

66 31.6 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.70

100000

80000

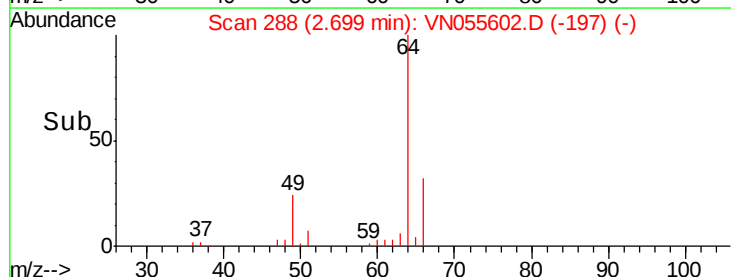
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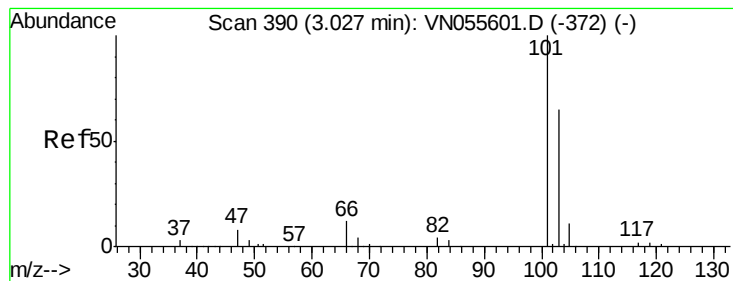
40000

20000

0

Time--> 2.60 2.70 2.80



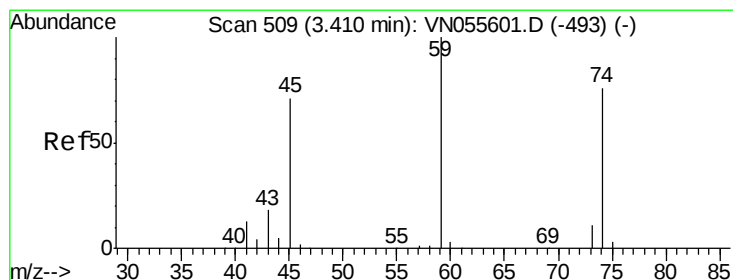
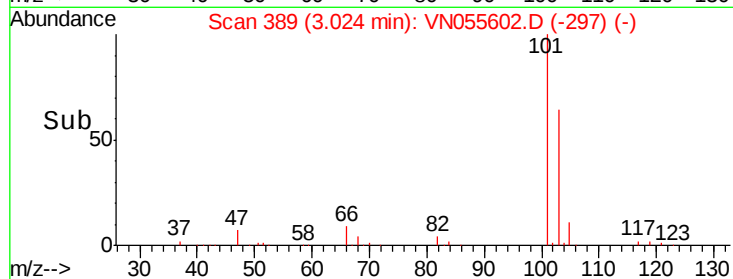
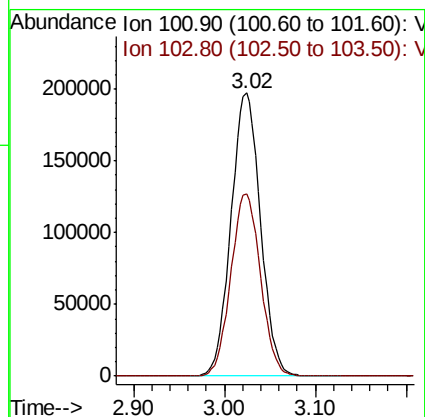
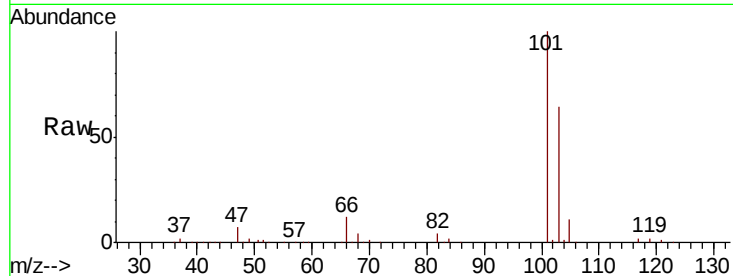


#7

Trichlorofluoromethane
 Concen: 83.950 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

Instrument :
 MSVOA_N
 ClientSampleId :

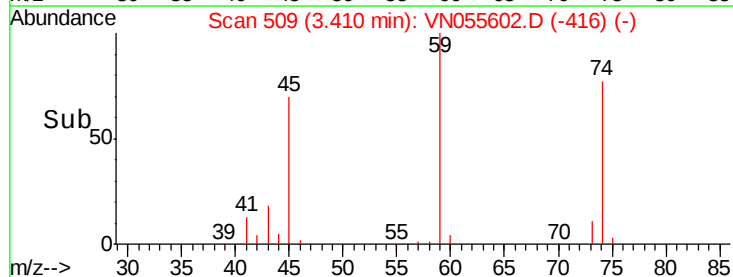
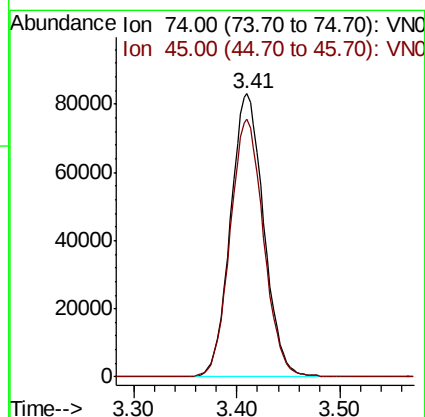
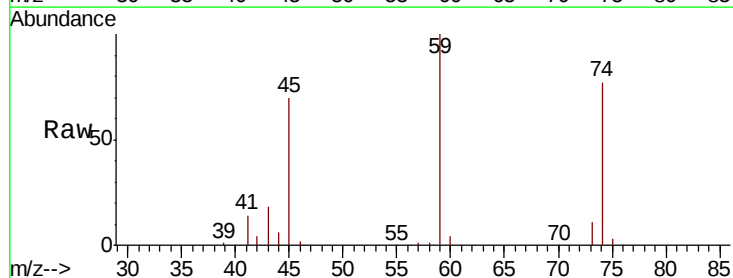
Tot Ion:101 Resp: 443999
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5

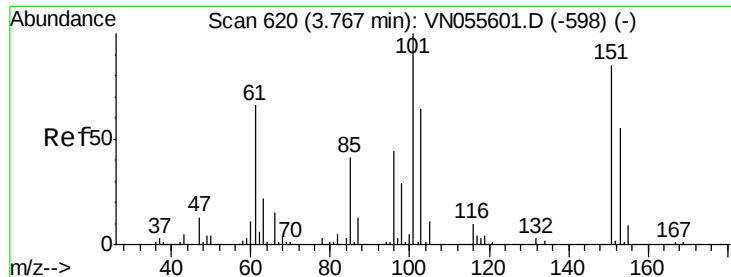


#8

Diethyl Ether
 Concen: 97.655 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

Tgt Ion: 74 Resp: 186789
 Ion Ratio Lower Upper
 74 100
 45 91.7 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 83.600 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

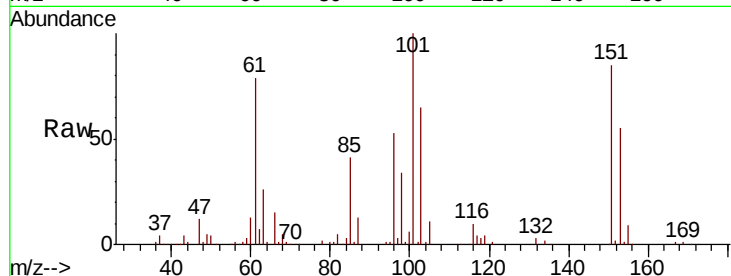
Tot Ion:101 Resp: 268569

Ion Ratio Lower Upper

101 100

85 41.3 33.4 50.0

151 86.0 69.3 103.9

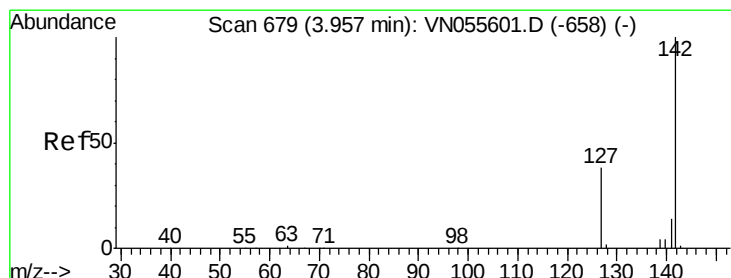
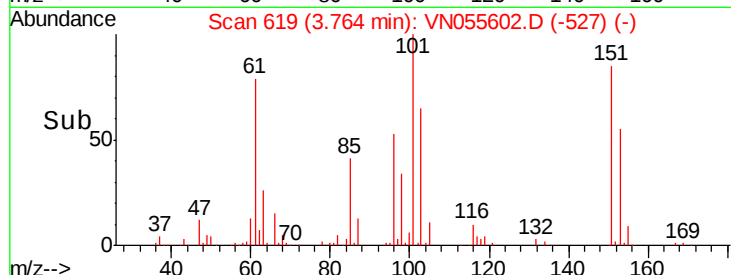
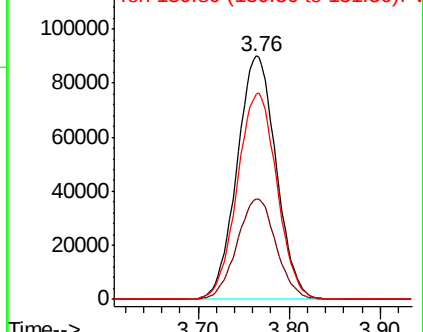


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 90.605 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

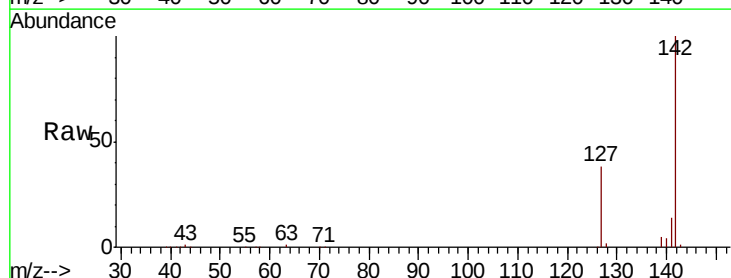
Tgt Ion:142 Resp: 423542

Ion Ratio Lower Upper

142 100

127 38.2 31.0 46.4

141 14.1 11.5 17.3

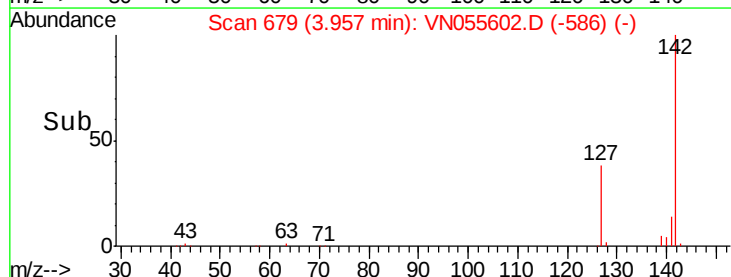
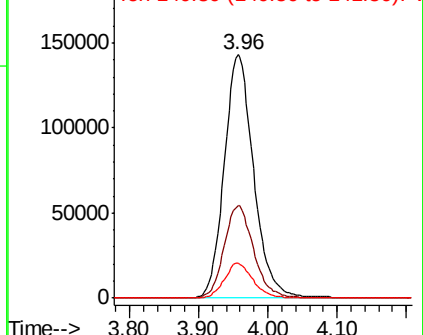


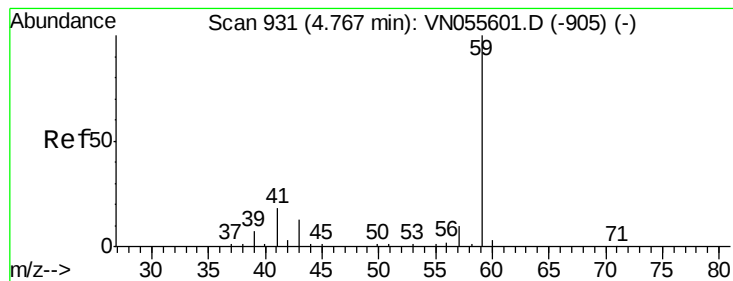
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



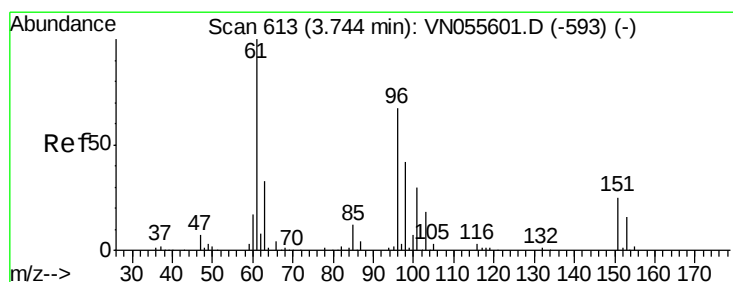
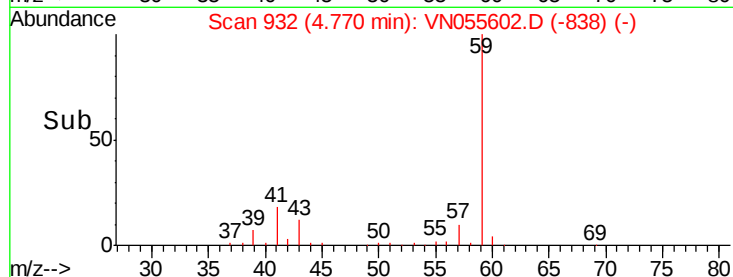
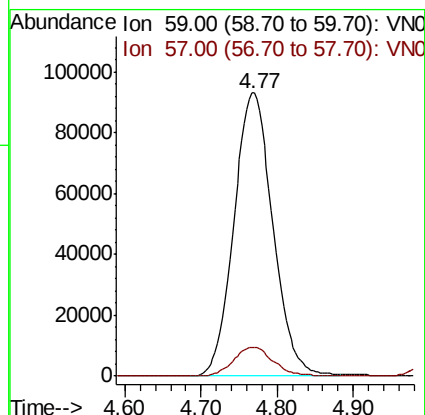
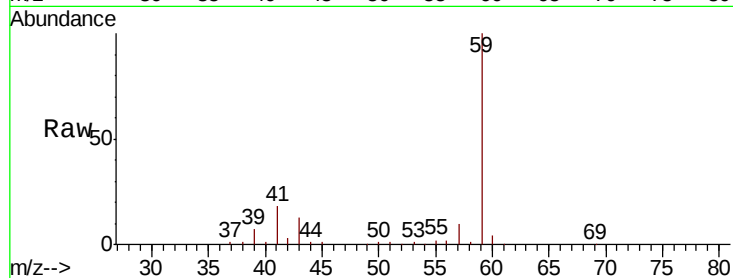


#11

Tert butyl alcohol
 Concen: 1086.289 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

Instrument :
 MSVOA_N
 ClientSampled :

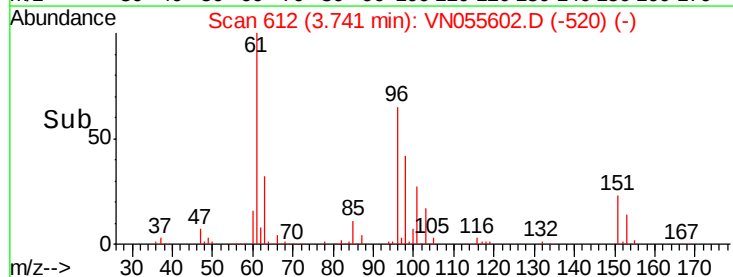
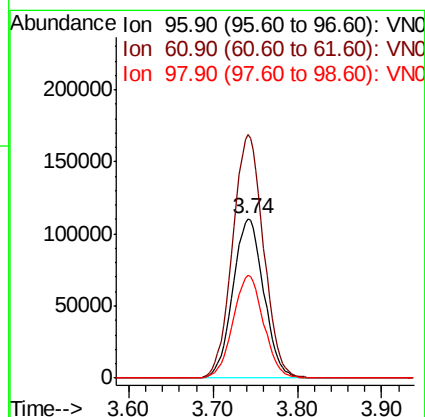
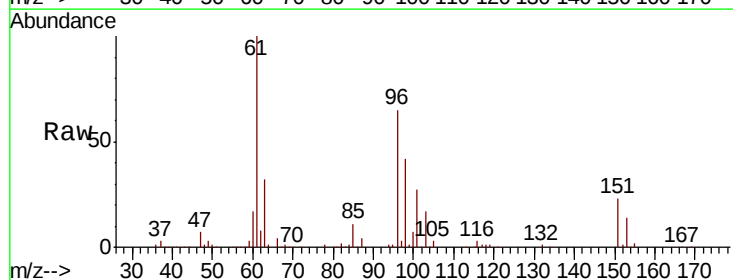
Tot Ion: 59 Resp: 331517
 Ion Ratio Lower Upper
 59 100
 57 10.0 7.8 11.6

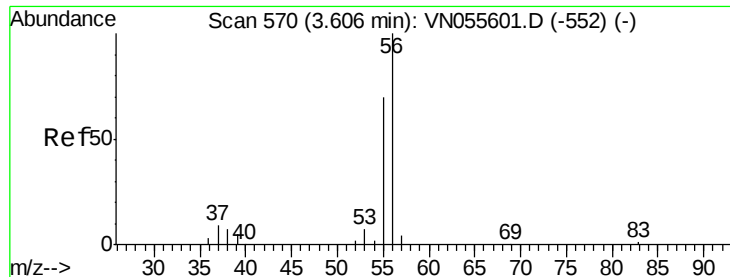


#12

1,1-Dichloroethene
 Concen: 93.215 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

Tgt Ion: 96 Resp: 282183
 Ion Ratio Lower Upper
 96 100
 61 152.7 120.2 180.2
 98 64.3 50.6 75.8





#13

Acrolein

Concen: 996.452 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

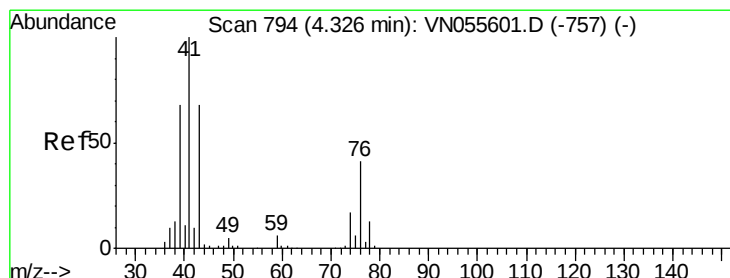
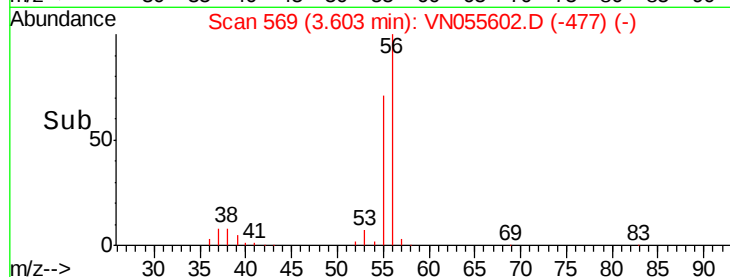
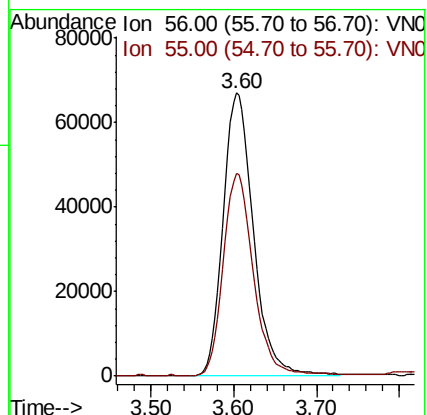
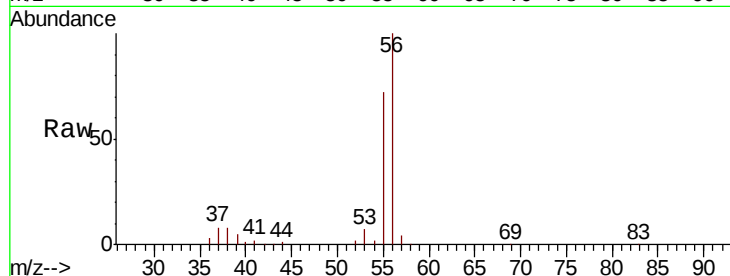
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 170926

Ion Ratio Lower Upper

56 100

55 69.8 56.5 84.7



#14

Allyl chloride

Concen: 94.694 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

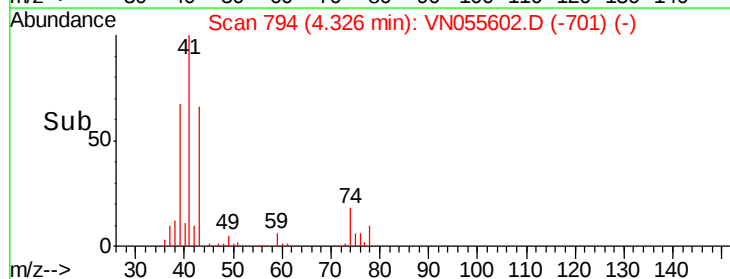
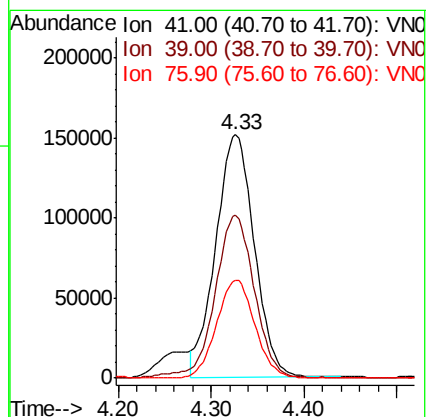
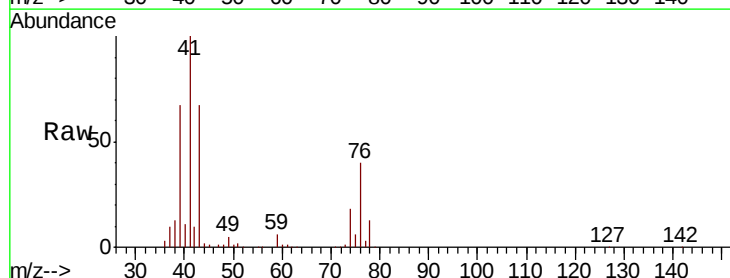
Tgt Ion: 41 Resp: 439724

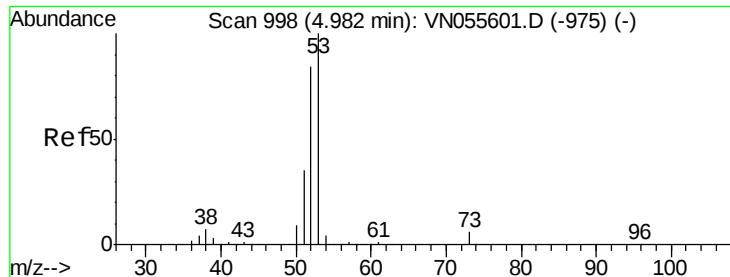
Ion Ratio Lower Upper

41 100

39 68.0 50.5 75.7

76 39.5 29.2 43.8





#15

Acrylonitrile

Concen: 683.277 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

ClientSampled :

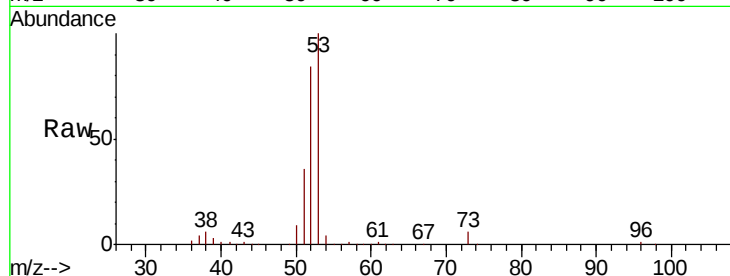
Tot Ion: 53 Resp: 768044

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.4

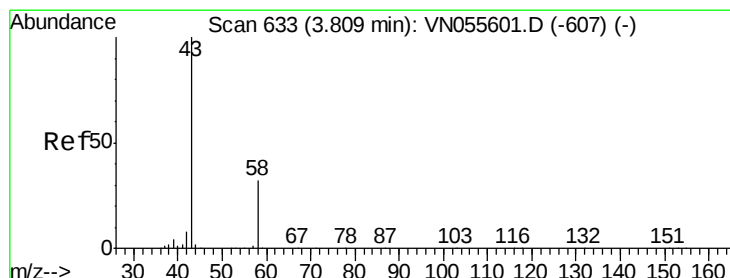
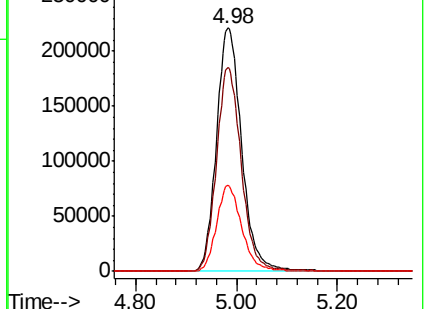
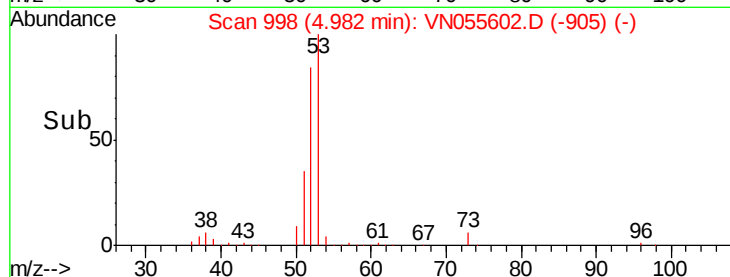
51 35.5 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN055601.D (-975) (-)

Ion 52.00 (51.70 to 52.70): VN055601.D (-975) (-)

Ion 51.00 (50.70 to 51.70): VN055601.D (-975) (-)



#16

Acetone

Concen: 692.630 ug/l

RT: 3.81 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN055602.D

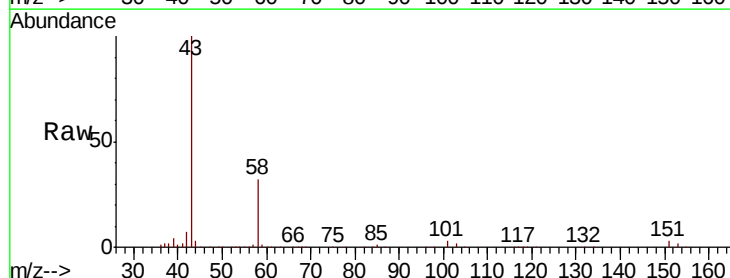
Acq: 17 May 2019 11:03

Tgt Ion: 43 Resp: 704709

Ion Ratio Lower Upper

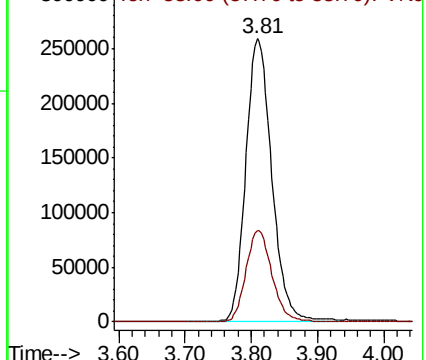
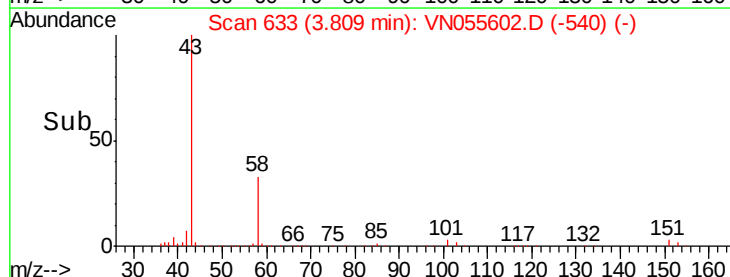
43 100

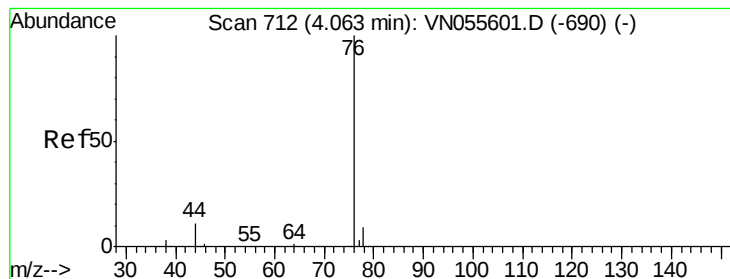
58 32.4 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-607) (-)





#17

Carbon Disulfide

Concen: 85.881 ug/l

RT: 4.06 min Scan# 711

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

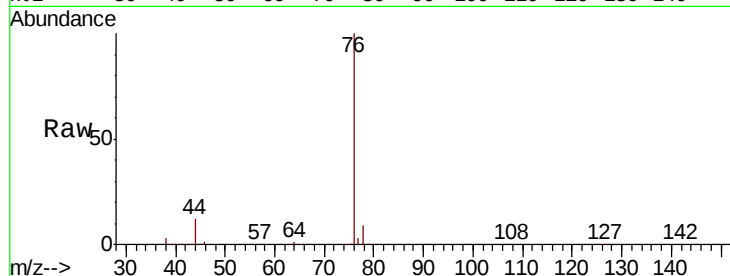
ClientSampled :

Tot Ion: 76 Resp: 791981

Ion Ratio Lower Upper

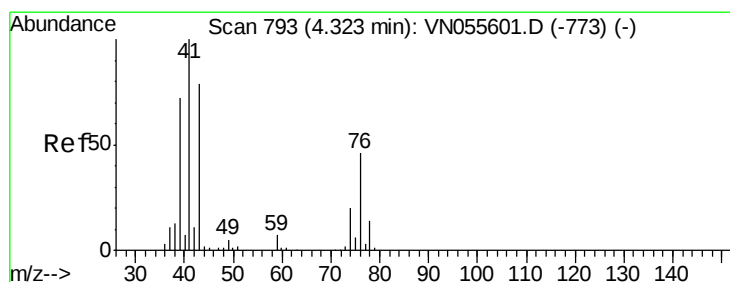
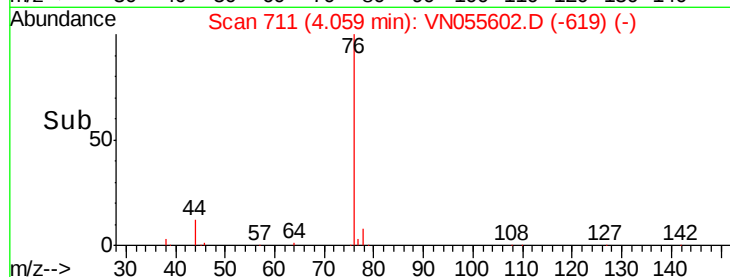
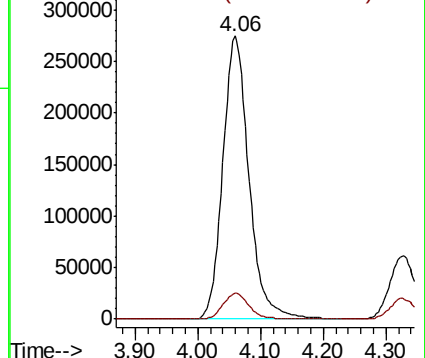
76 100

78 9.1 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 132.428 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN055602.D

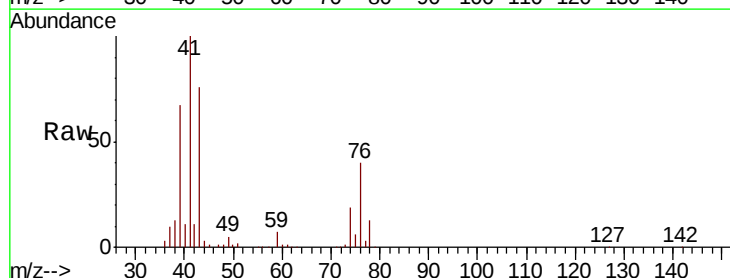
Acq: 17 May 2019 11:03

Tgt Ion: 43 Resp: 311939

Ion Ratio Lower Upper

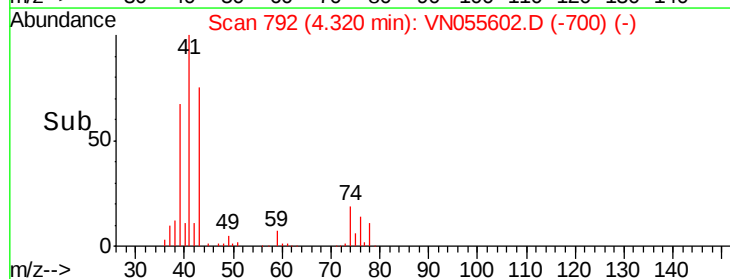
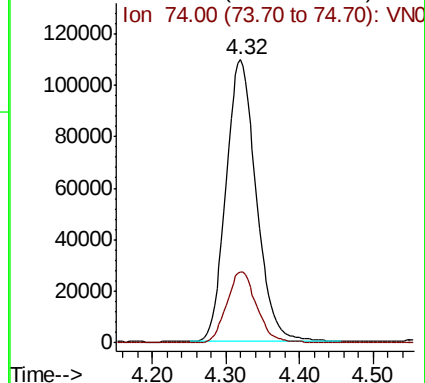
43 100

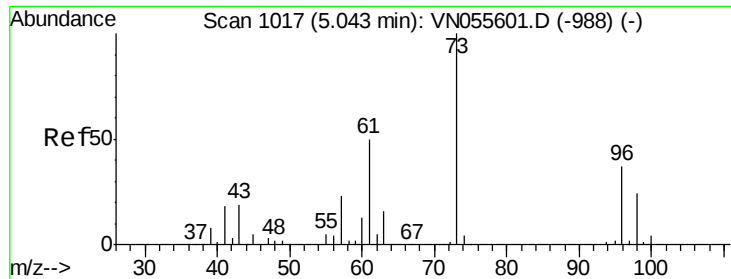
74 25.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

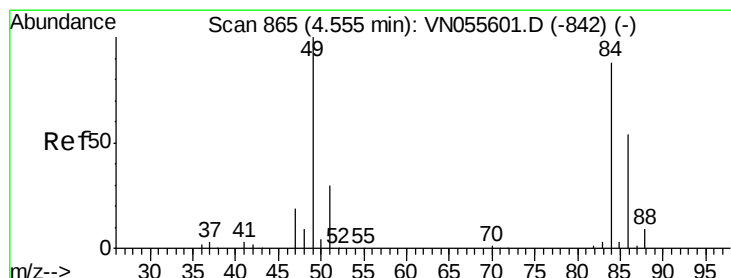
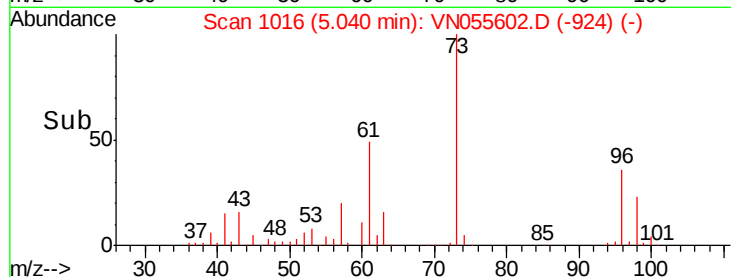
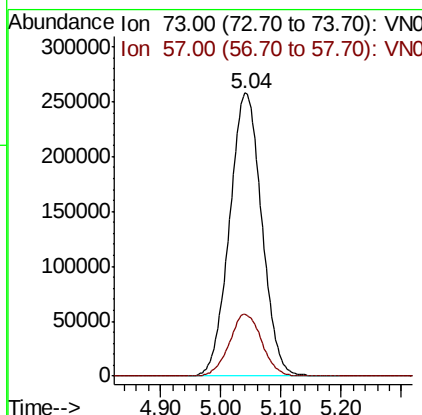
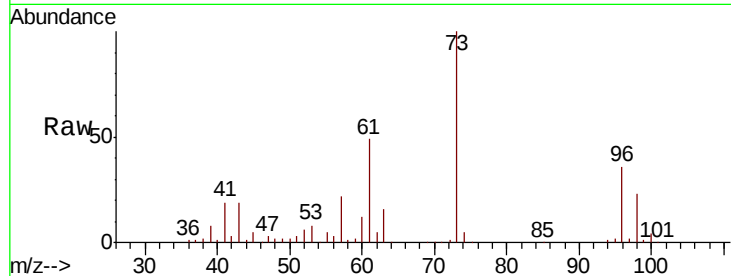




#19
Methyl tert-butyl Ether
Concen: 120.240 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

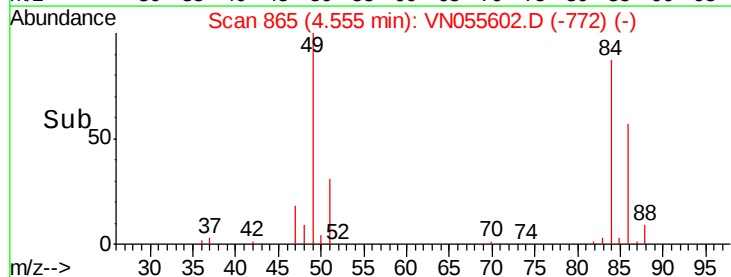
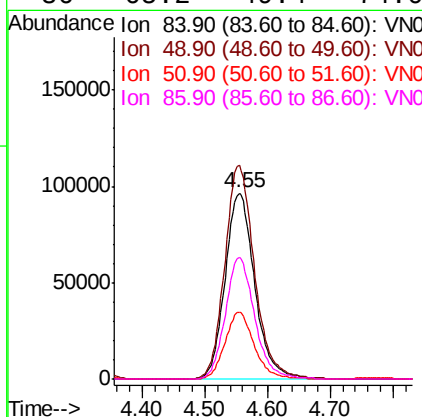
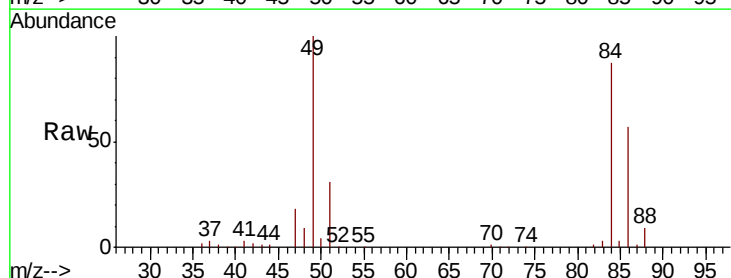
Instrument :
MSVOA_N
ClientSampled :

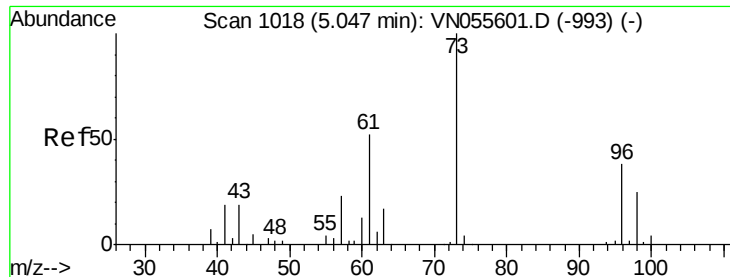
Tot Ion: 73 Resp: 962499
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.2



#20
Methylene Chloride
Concen: 92.217 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Tgt Ion: 84 Resp: 316222
Ion Ratio Lower Upper
84 100
49 114.9 91.0 136.4
51 36.1 27.5 41.3
86 65.2 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 96.481 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :
MSVOA_N
ClientSampled :

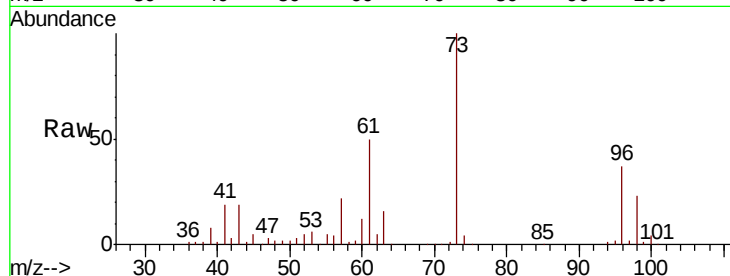
Tot Ion: 96 Resp: 306431

Ion Ratio Lower Upper

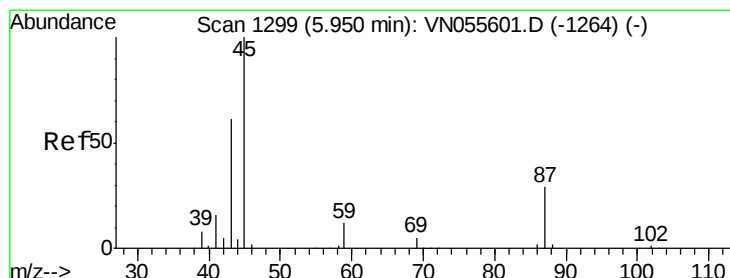
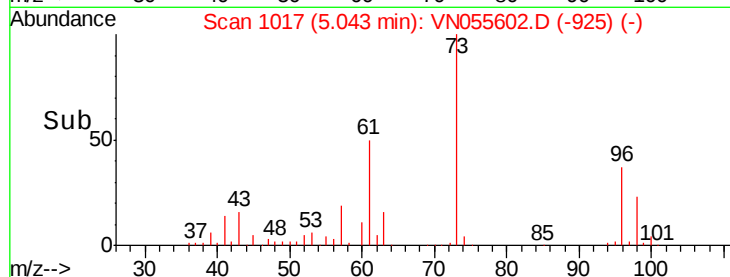
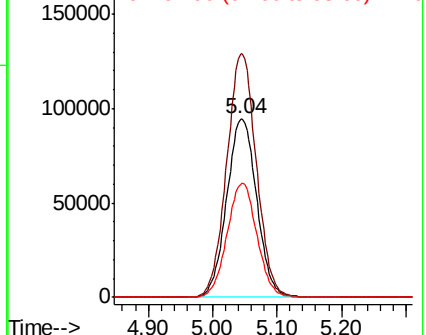
96 100

61 136.1 108.6 162.8

98 63.4 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 109.012 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Tgt Ion: 45 Resp: 941671

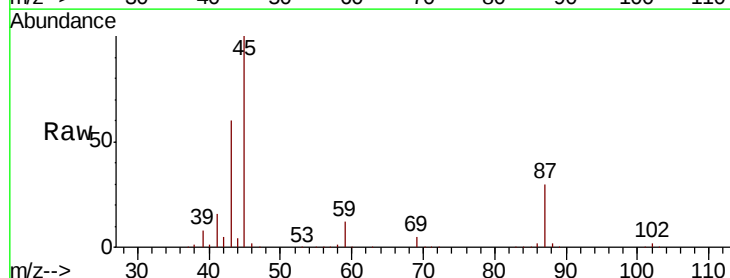
Ion Ratio Lower Upper

45 100

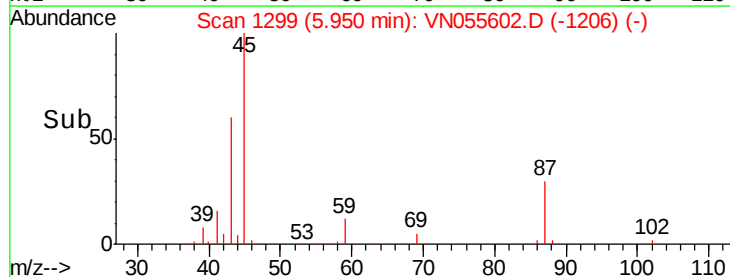
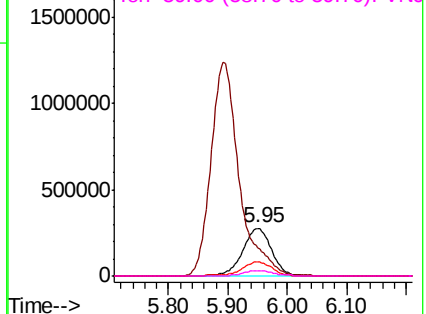
43 58.8 50.4 75.6

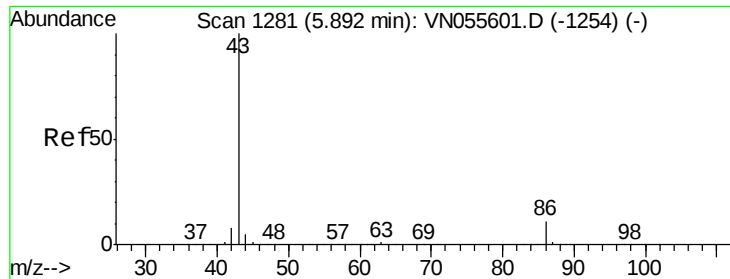
87 29.6 23.8 35.6

59 11.9 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

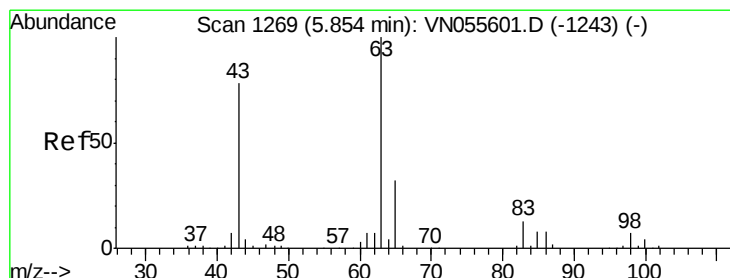
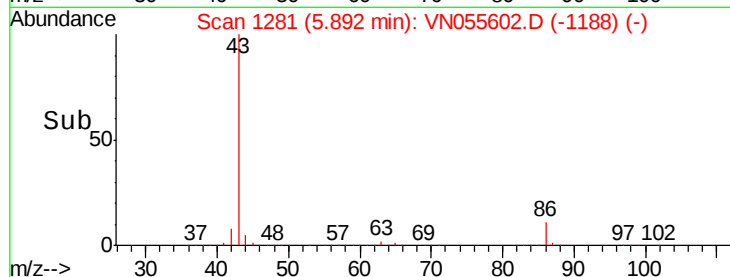
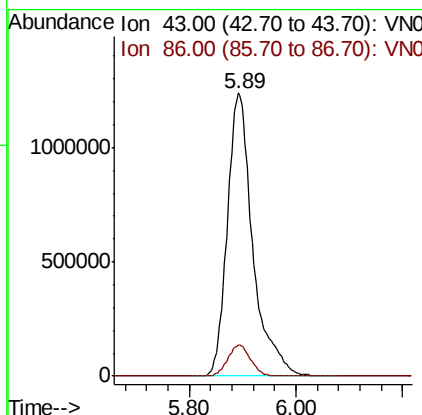
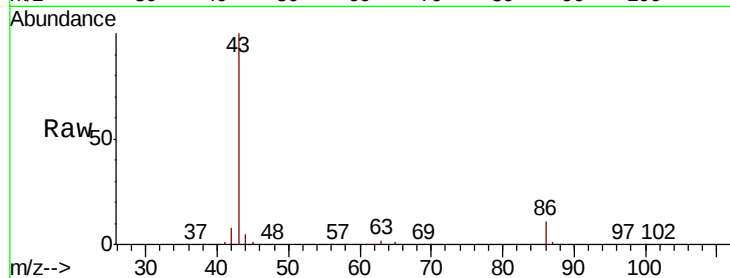




#23
 Vinyl Acetate
 Concen: 636.856 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

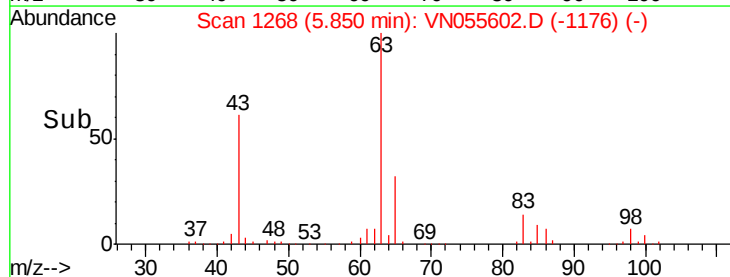
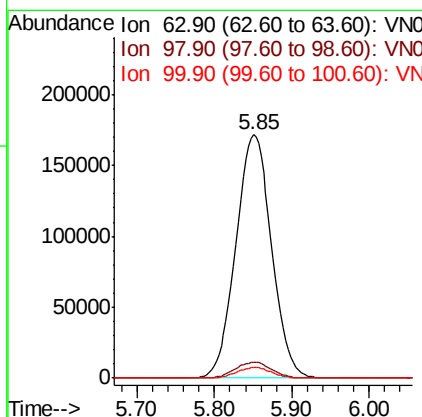
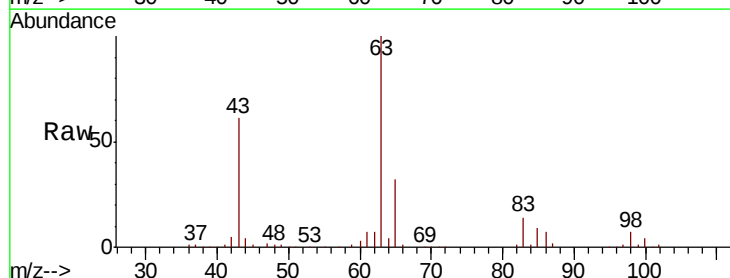
Instrument :
 MSVOA_N
 ClientSampled :

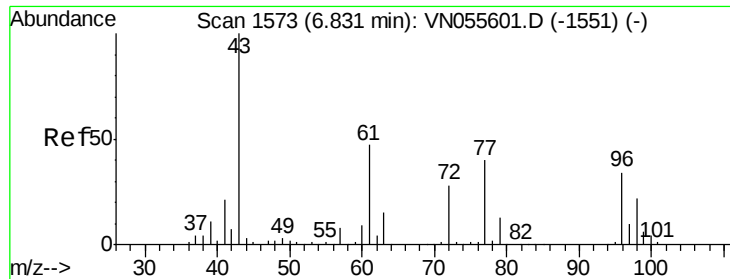
Tot Ion: 43 Resp: 4100119
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 95.094 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

Tgt Ion: 63 Resp: 549664
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.2
 100 4.2 2.2 6.6





#25

2-Butanone

Concen: 785.133 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

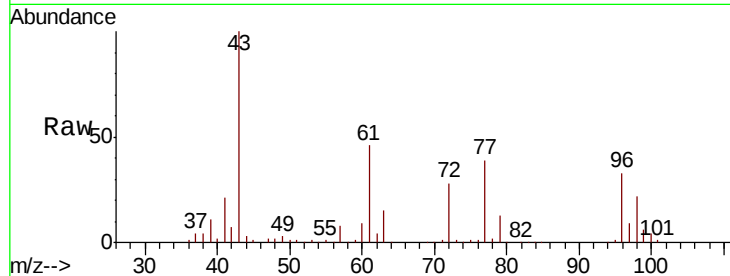
ClientSampled :

Tot Ion: 43 Resp: 1047827

Ion Ratio Lower Upper

43 100

72 27.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN055601.D (-1551) (-)

6.83

400000

300000

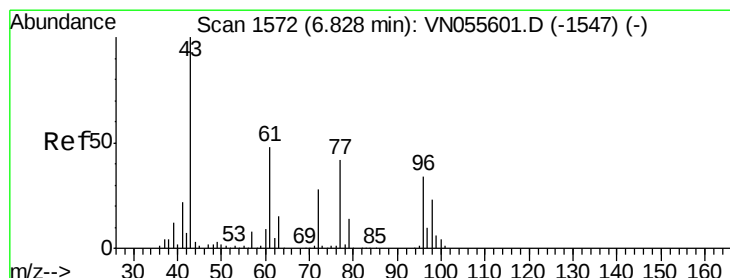
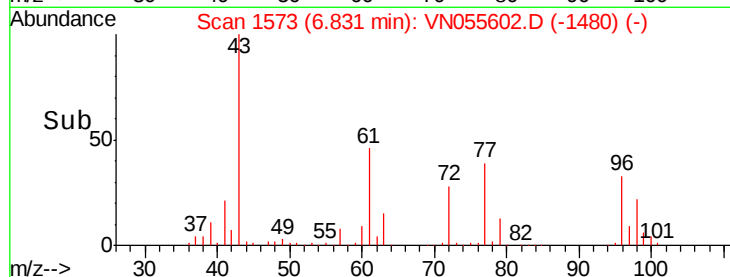
200000

100000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 104.872 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055602.D

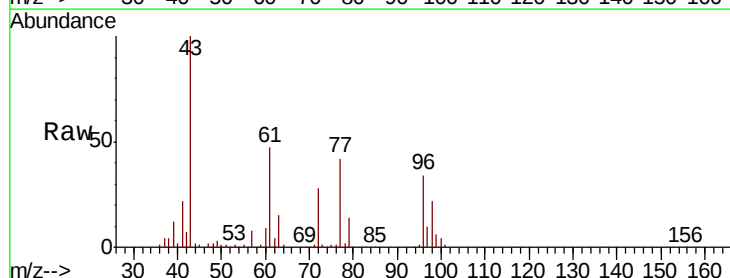
Acq: 17 May 2019 11:03

Tgt Ion: 77 Resp: 469265

Ion Ratio Lower Upper

77 100

97 24.1 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VN055601.D (-1547) (-)

Ion 96.90 (96.60 to 97.60): VN055601.D (-1547) (-)

6.82

150000

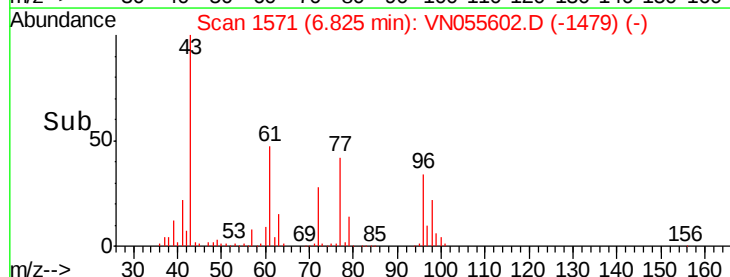
100000

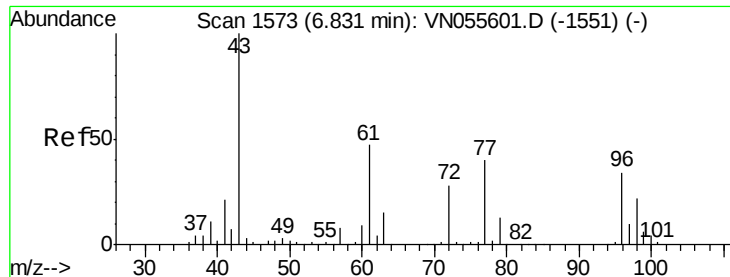
50000

0

6.70 6.80 6.90 7.00

Time-->





#27

cis-1,2-Dichloroethene

Concen: 99.985 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :
MSVOA_N
ClientSampleId :

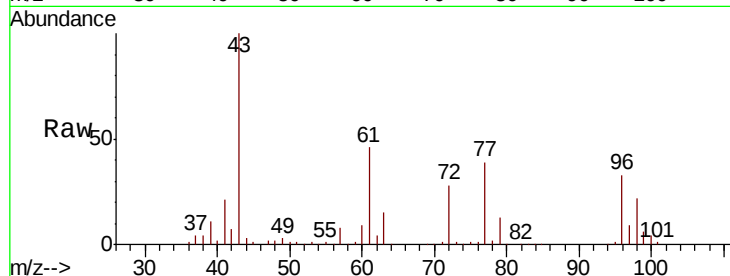
Tot Ion: 96 Resp: 357172

Ion Ratio Lower Upper

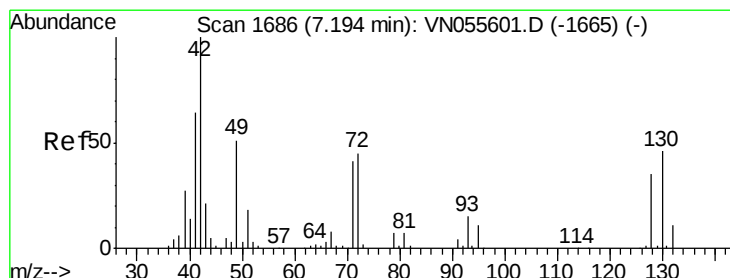
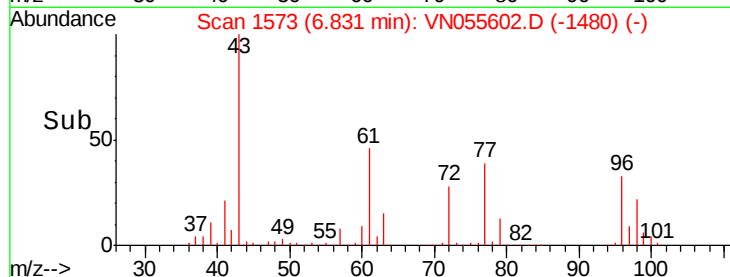
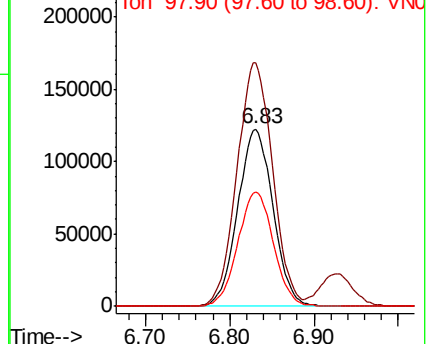
96 100

61 138.9 0.0 279.0

98 64.9 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 95.188 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

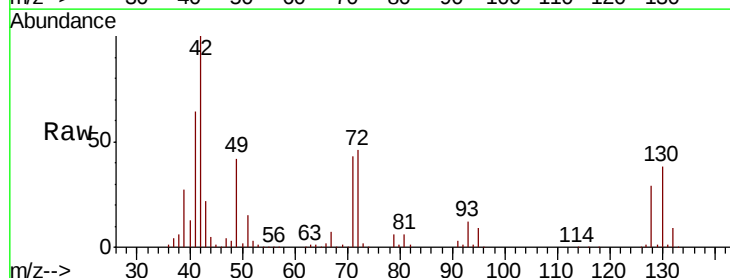
Tgt Ion: 49 Resp: 240253

Ion Ratio Lower Upper

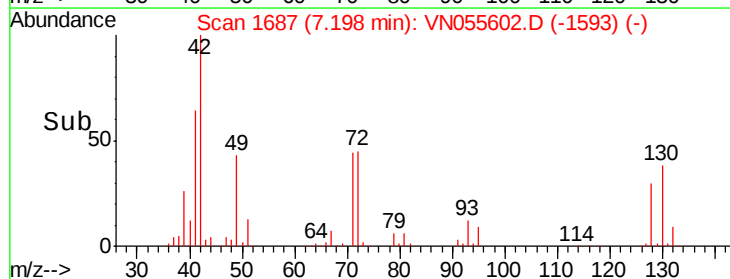
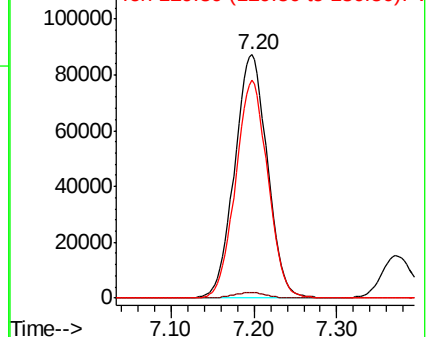
49 100

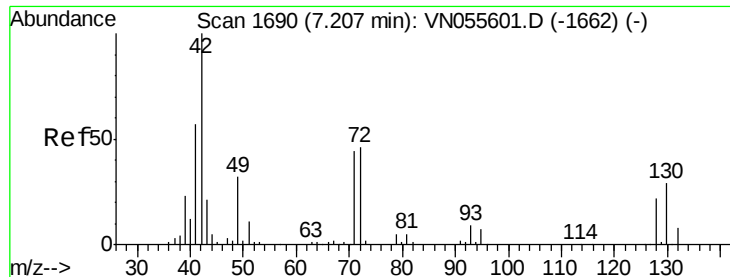
129 2.2 0.0 4.4

130 88.0 71.0 106.6



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

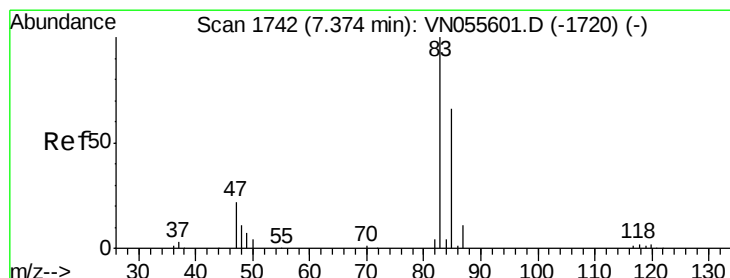
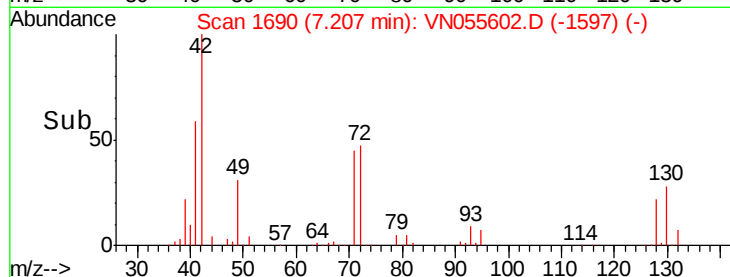
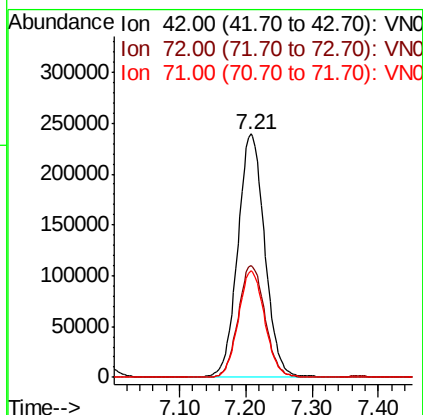
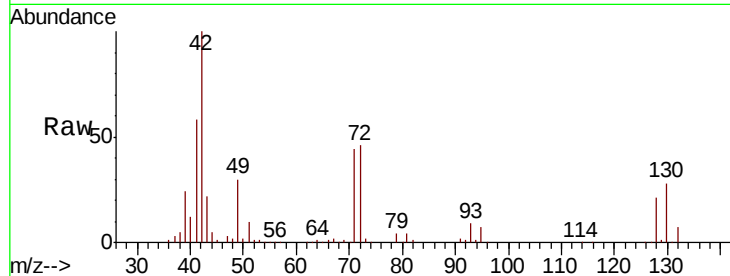




#29
Tetrahydrofuran
Concen: 783.629 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

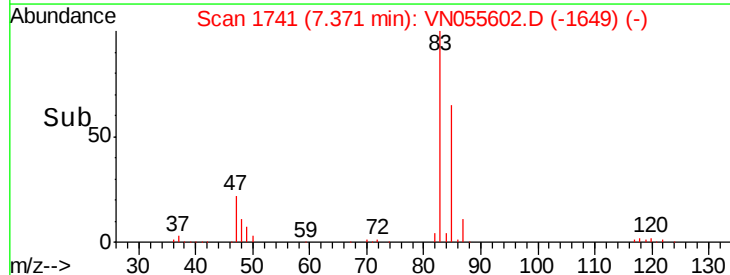
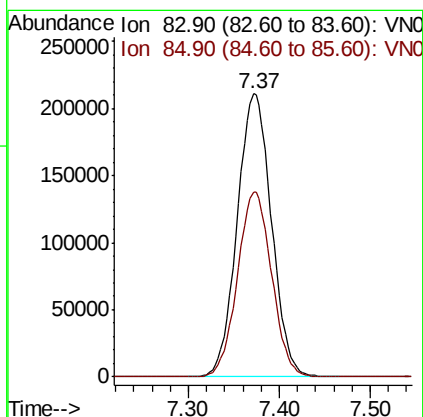
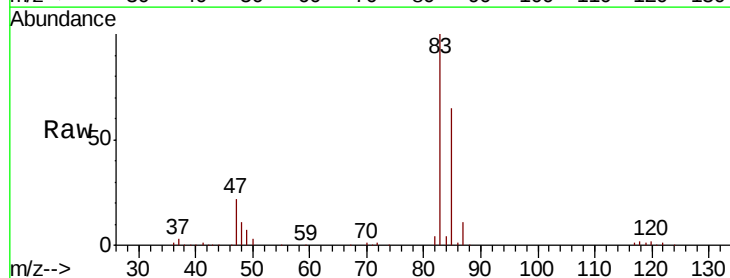
Instrument :
MSVOA_N
ClientSampleId :

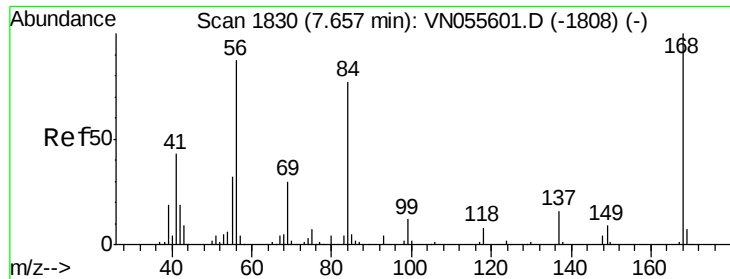
Tot Ion: 42 Resp: 673827
Ion Ratio Lower Upper
42 100
72 45.8 36.5 54.7
71 43.0 34.9 52.3



#30
Chloroform
Concen: 95.023 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Tgt Ion: 83 Resp: 551754
Ion Ratio Lower Upper
83 100
85 65.4 52.6 78.8





#31

Cyclohexane

Concen: 81.780 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

ClientSampled :

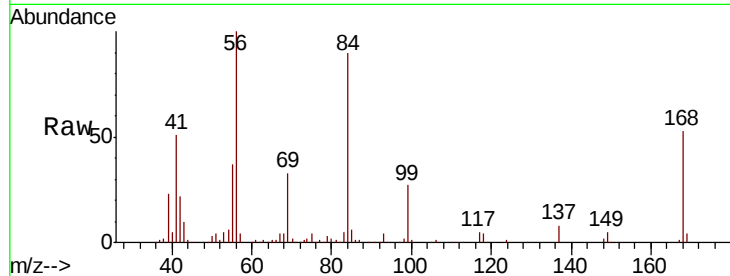
Tot Ion: 56 Resp: 491533

Ion Ratio Lower Upper

56 100

69 32.8 27.2 40.8

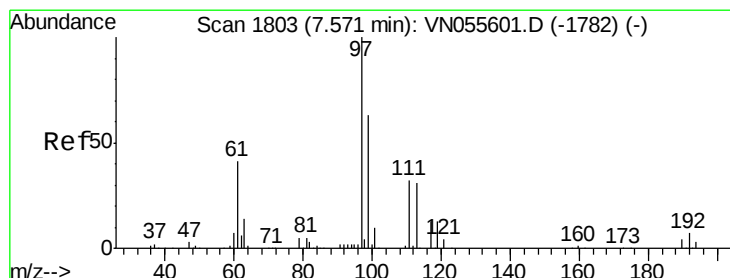
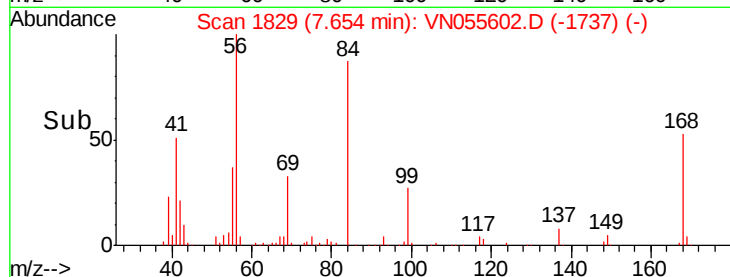
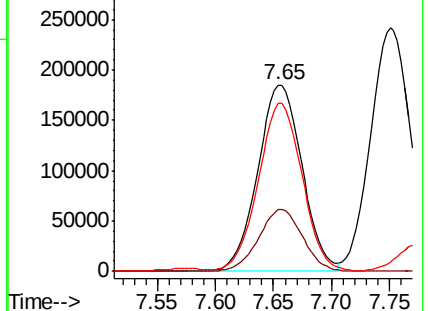
84 88.6 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN055601.D (-1808) (-)

Ion 69.00 (68.70 to 69.70): VN055601.D (-1808) (-)

Ion 84.00 (83.70 to 84.70): VN055601.D (-1808) (-)



#32

1,1,1-Trichloroethane

Concen: 98.002 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

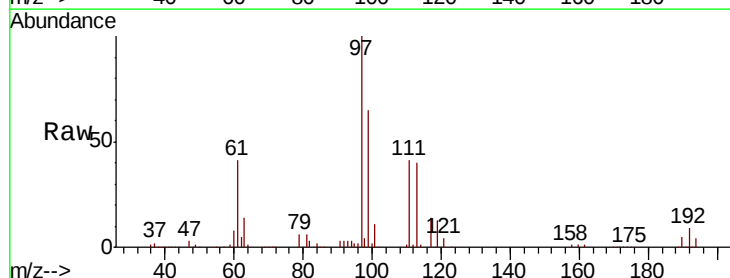
Tgt Ion: 97 Resp: 489901

Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.2

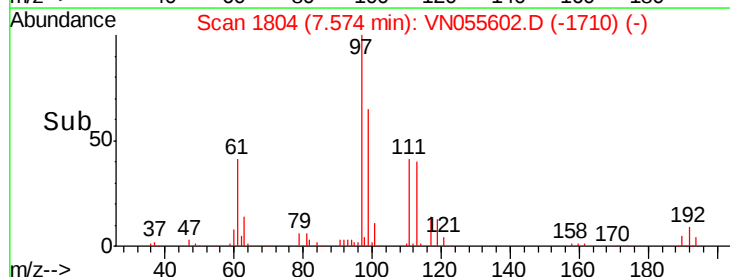
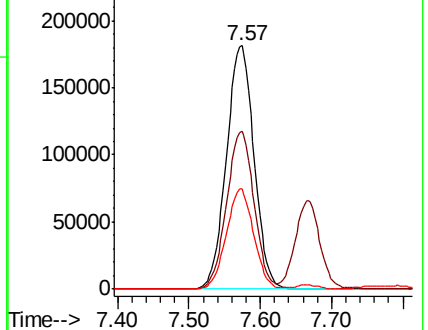
61 40.7 32.9 49.3

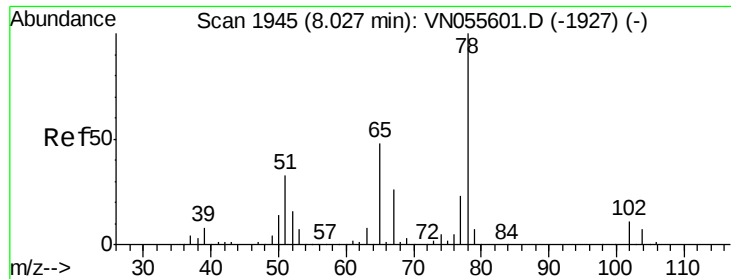


Abundance Ion 96.90 (96.60 to 97.60): VN055601.D (-1782) (-)

Ion 98.90 (98.60 to 99.60): VN055601.D (-1782) (-)

Ion 60.90 (60.60 to 61.60): VN055601.D (-1782) (-)

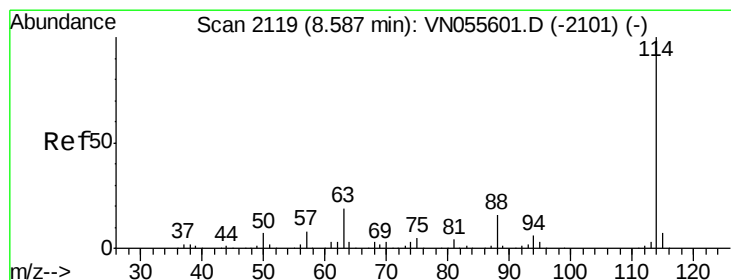
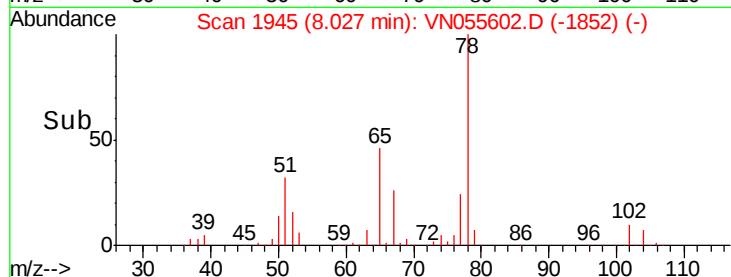
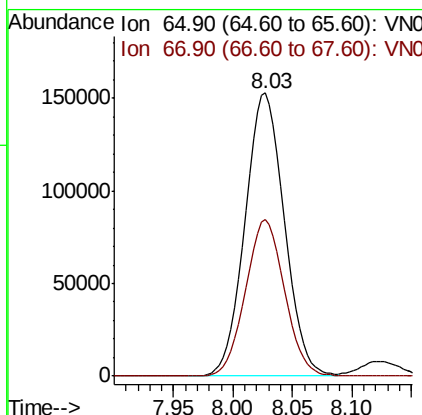
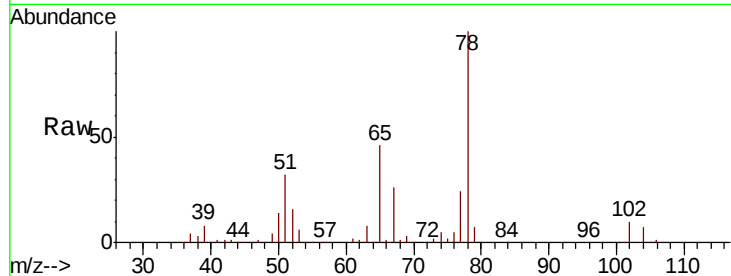




#33
 1,2-Dichloroethane-d4
 Concen: 103.077 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

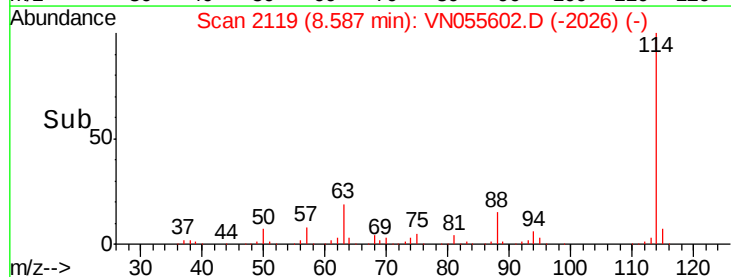
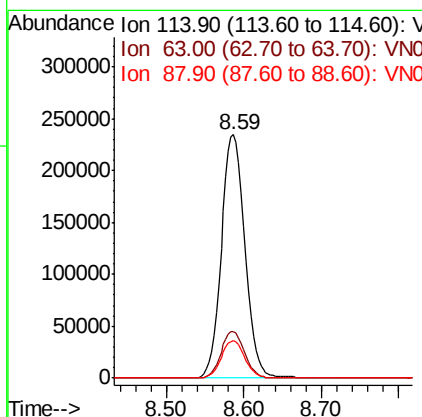
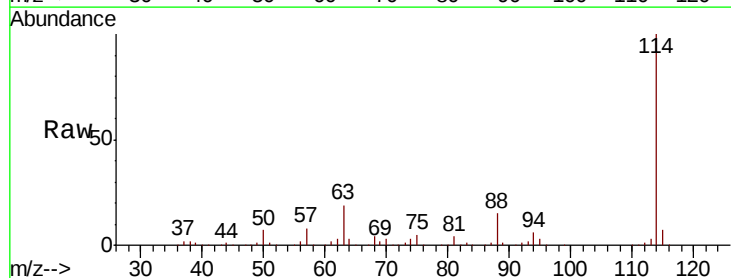
Instrument :
 MSVOA_N
 ClientSampleId :

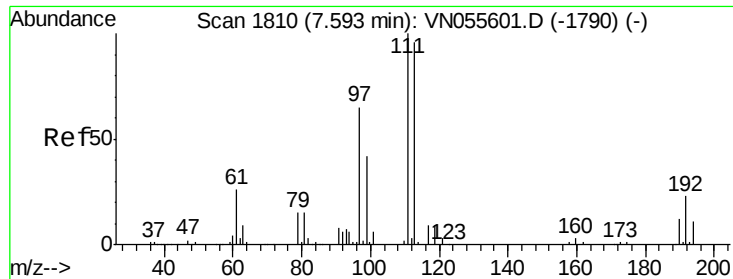
Tot Ion: 65 Resp: 350046
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

Tgt Ion: 114 Resp: 495922
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.2
 88 15.3 0.0 31.0

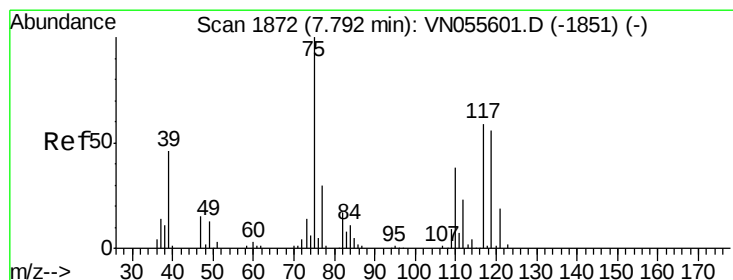
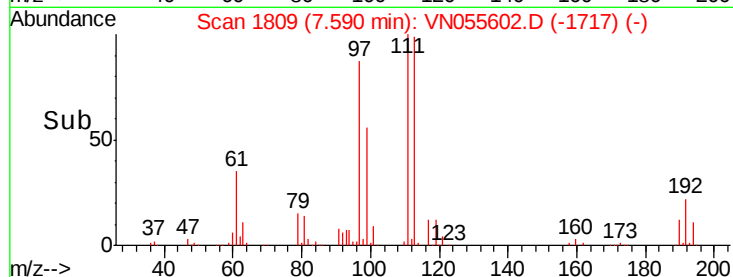
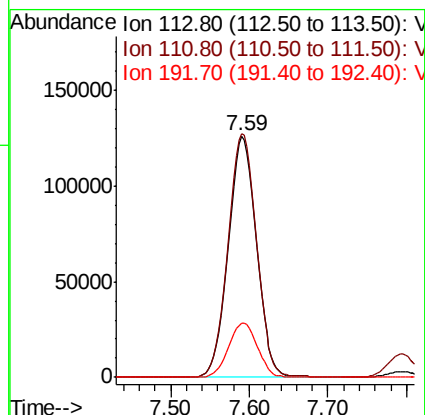
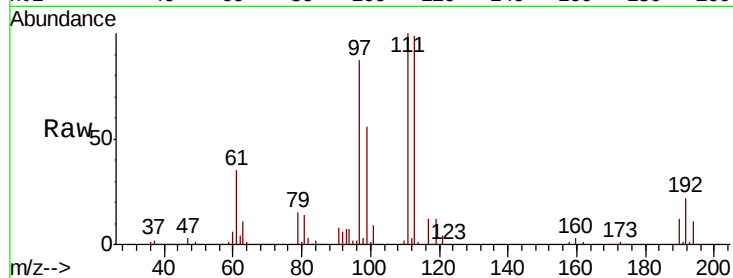




#35
 Dibromofluoromethane
 Concen: 96.246 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

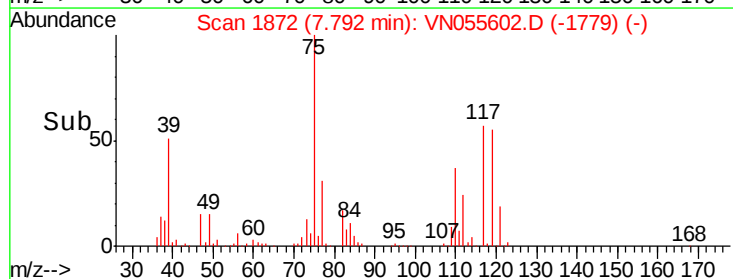
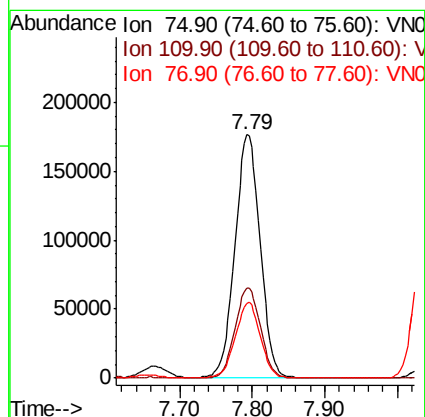
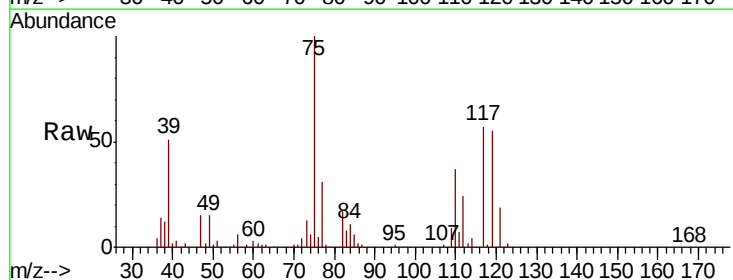
Instrument :
 MSVOA_N
 ClientSampleId :

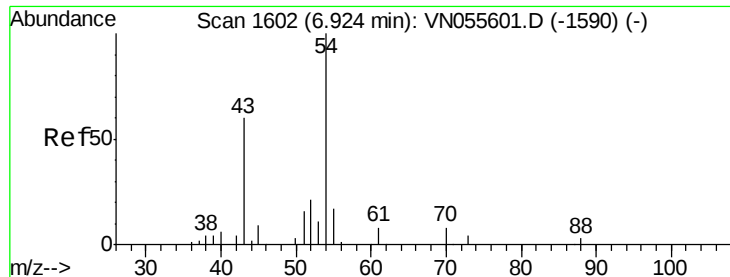
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.5	123.7
192	23.0	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 94.525 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.6	55.6
77	31.0	24.9	37.3

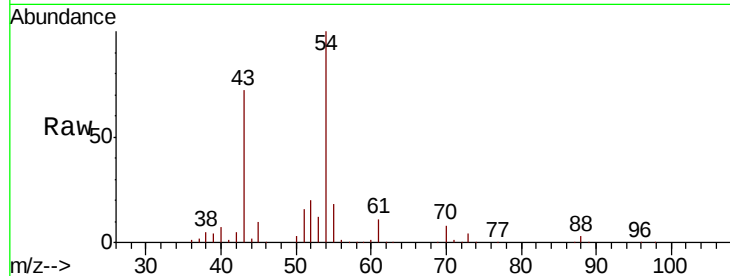




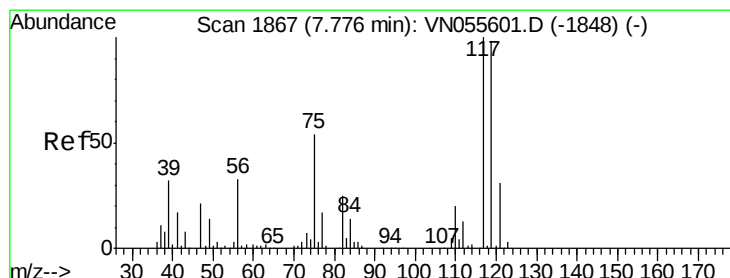
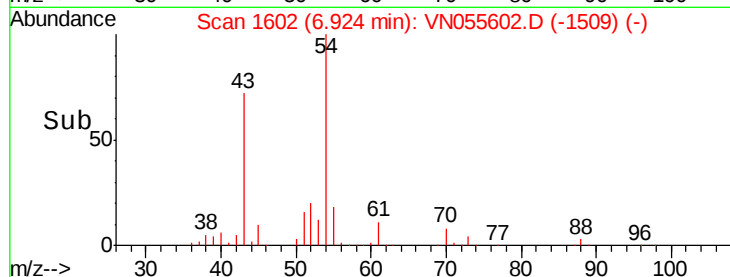
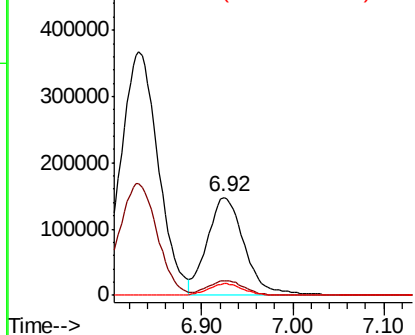
#37
Ethyl Acetate
Concen: 149.058 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 413069
Ion Ratio Lower Upper
43 100
61 14.9 11.4 17.0
70 11.5 9.2 13.8

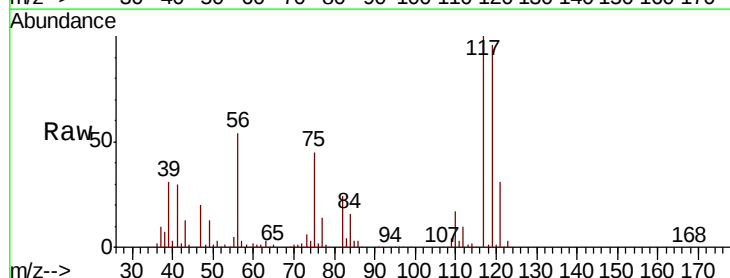


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

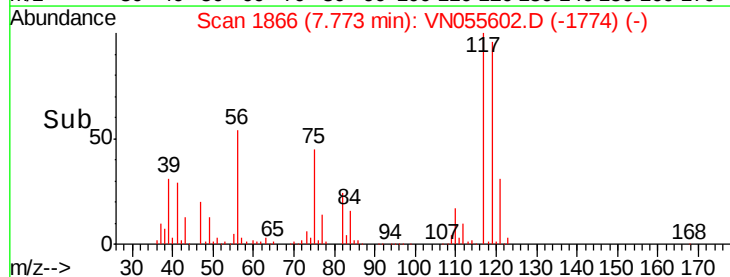
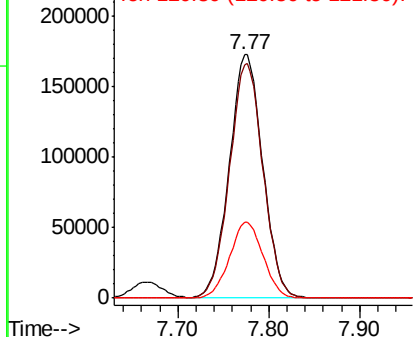


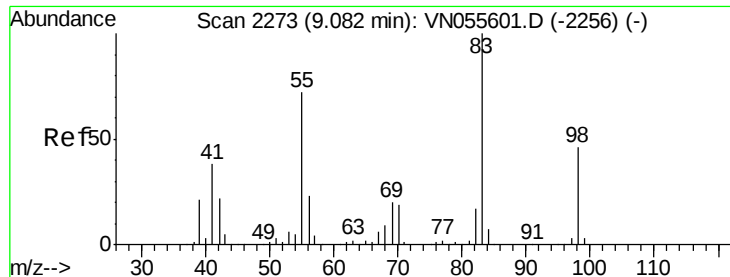
#38
Carbon Tetrachloride
Concen: 90.464 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Tgt Ion: 117 Resp: 440386
Ion Ratio Lower Upper
117 100
119 96.0 77.8 116.8
121 31.0 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

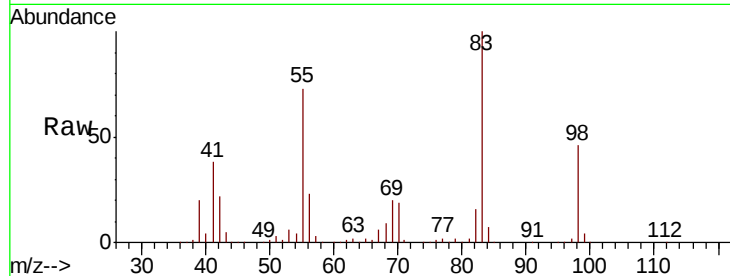




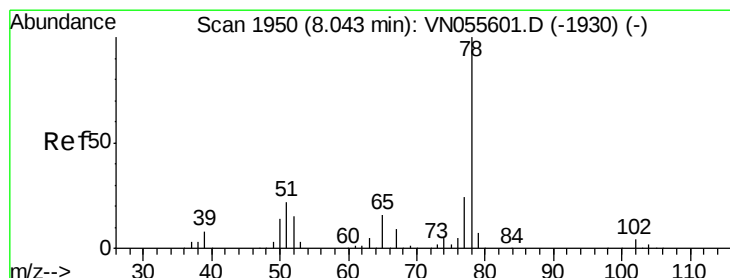
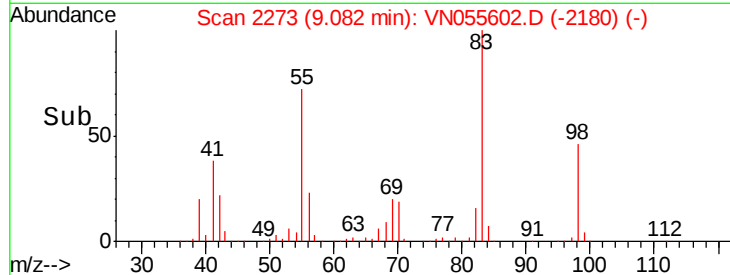
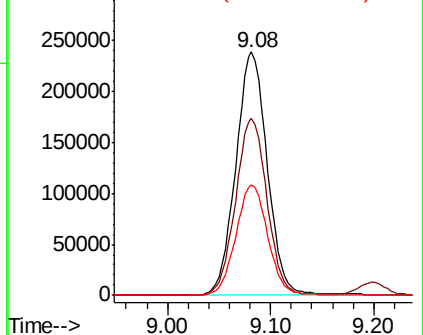
#39
Methvlcvclohexane
Concen: 97.849 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 508390
Ion Ratio Lower Upper
83 100
55 72.4 57.8 86.6
98 45.6 36.7 55.1

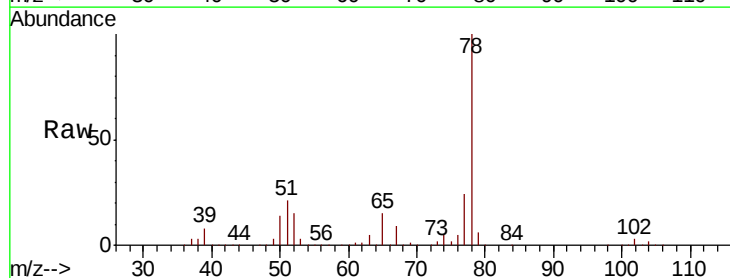


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

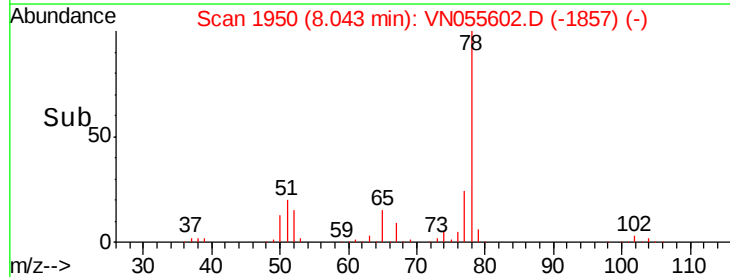
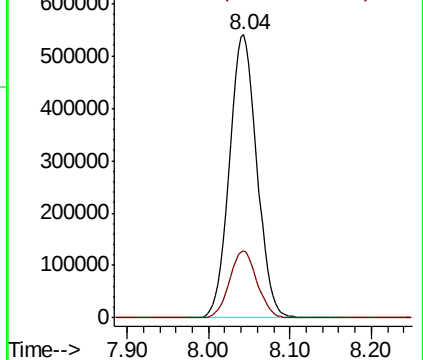


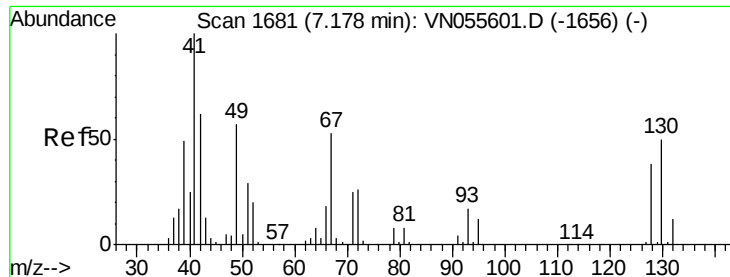
#40
Benzene
Concen: 95.494 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Tgt Ion: 78 Resp: 1271636
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

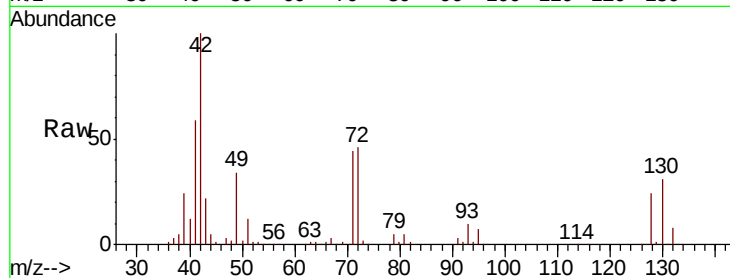




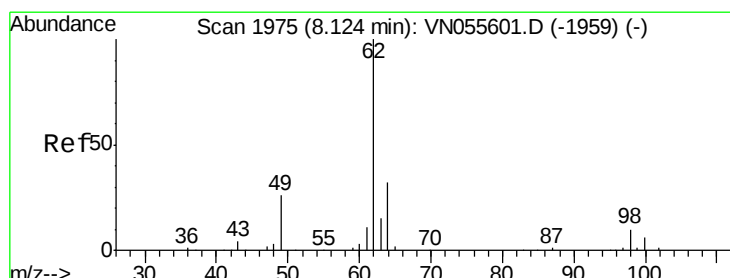
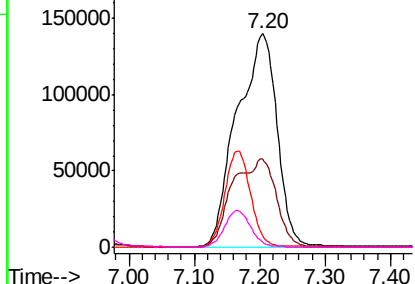
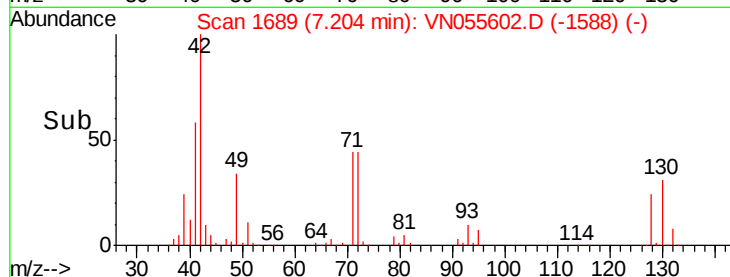
#41
Methacrylonitrile
Concen: 419.795 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.03 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 594656
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0

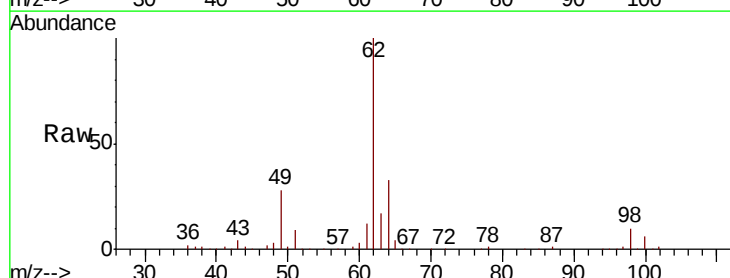


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

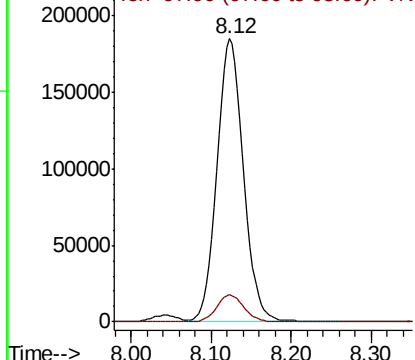
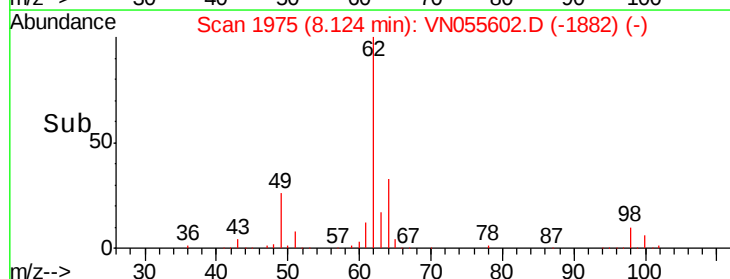


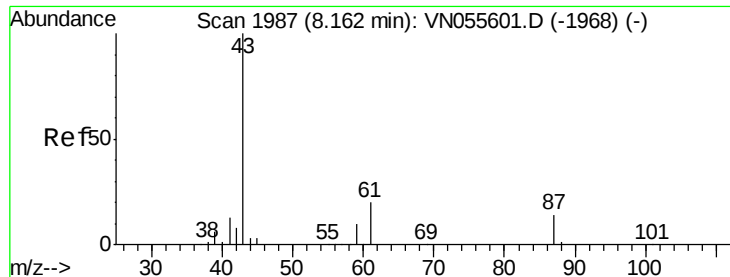
#42
1,2-Dichloroethane
Concen: 104.087 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Tgt Ion: 62 Resp: 422408
Ion Ratio Lower Upper
62 100
98 9.8 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 136.312 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

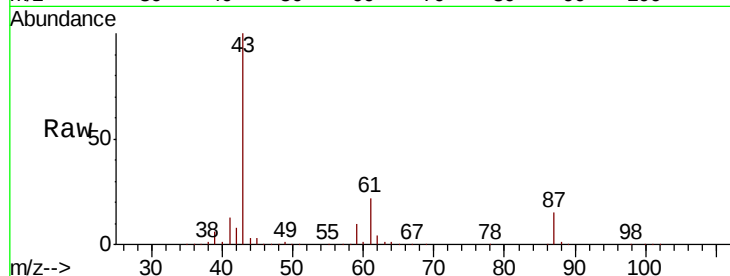
Tot Ion: 43 Resp: 714738

Ion Ratio Lower Upper

43 100

61 27.3 22.1 33.1

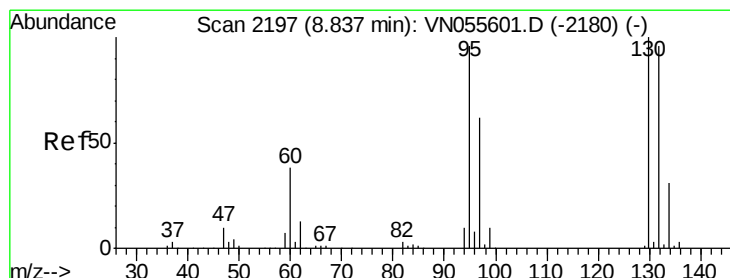
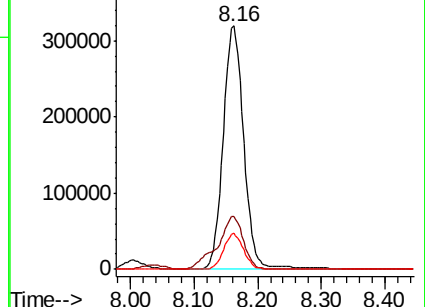
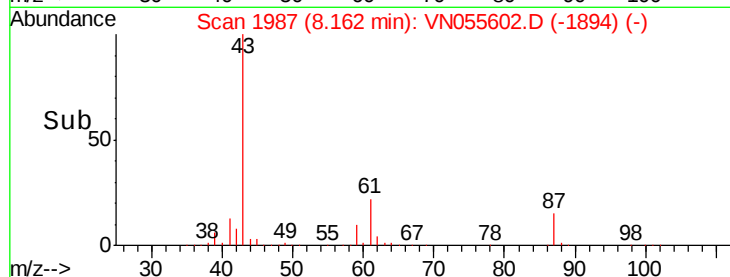
87 14.4 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VN055602.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN055602.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN055602.D (-1894) (-)



#44

Trichloroethene

Concen: 97.645 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN055602.D

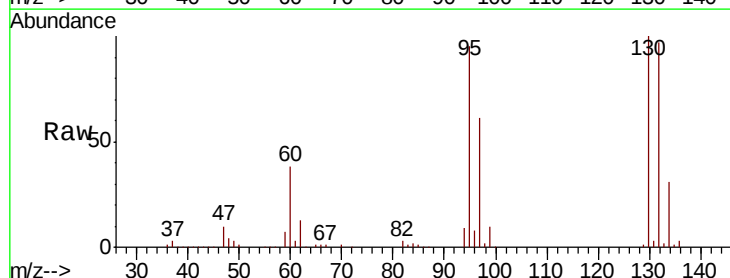
Acq: 17 May 2019 11:03

Tgt Ion:130 Resp: 364480

Ion Ratio Lower Upper

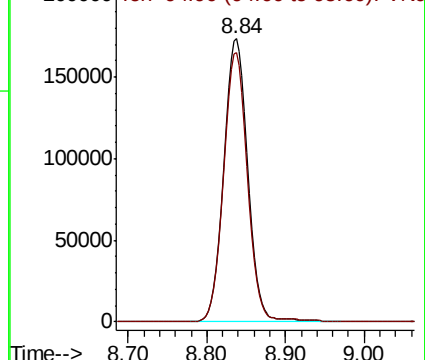
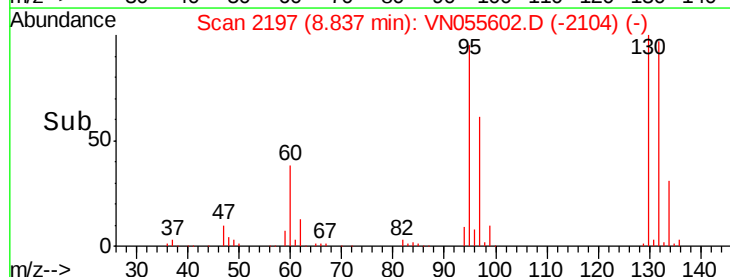
130 100

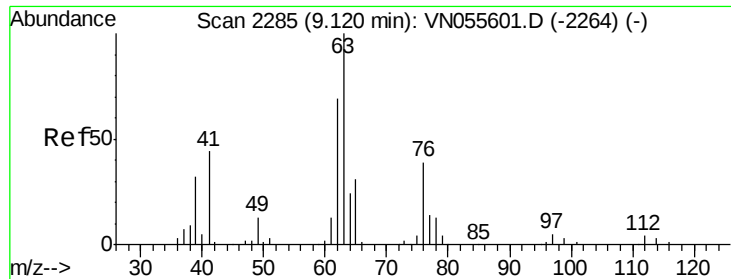
95 95.1 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN055602.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN055602.D (-2104) (-)





#45

1,2-Dichloropropane

Concen: 98.270 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

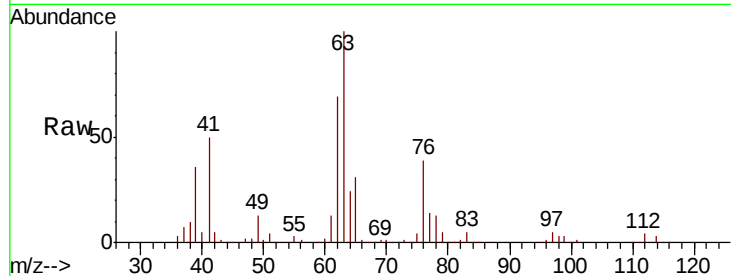
ClientSampleId :

Tot Ion: 63 Resp: 336010

Ion Ratio Lower Upper

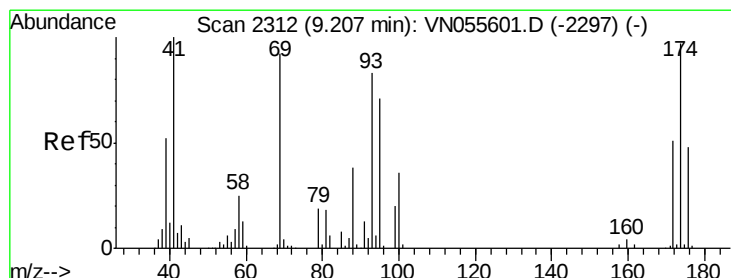
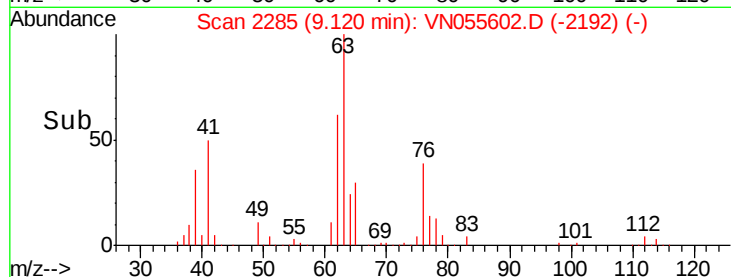
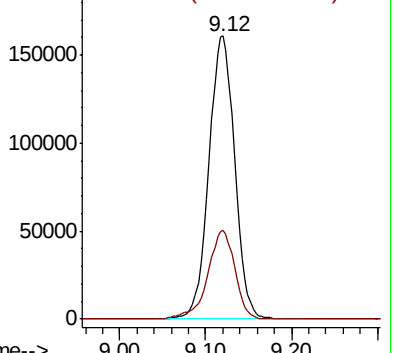
63 100

65 31.3 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 107.484 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

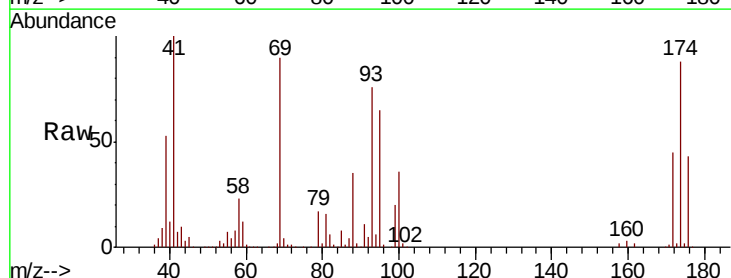
Tgt Ion: 93 Resp: 224425

Ion Ratio Lower Upper

93 100

95 83.2 67.9 101.9

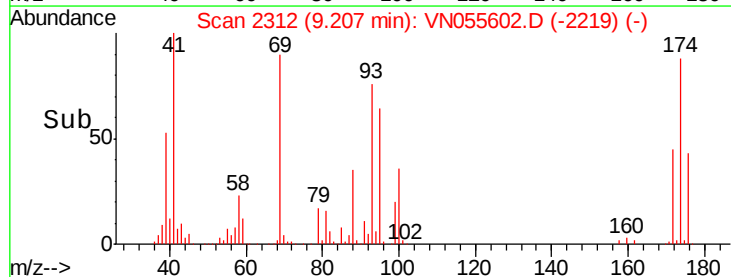
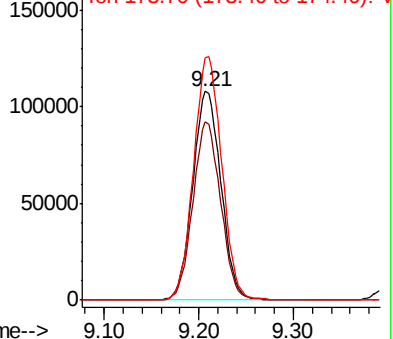
174 116.2 93.8 140.6

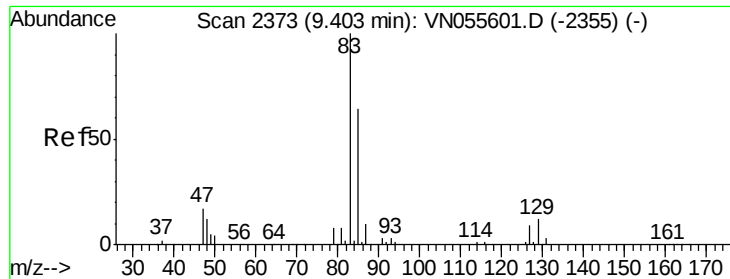


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 104.287 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :
MSVOA_N
ClientSampleId :

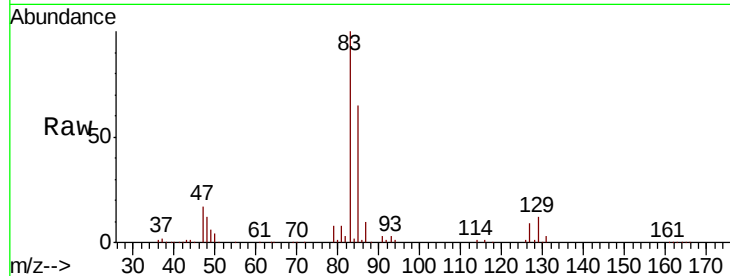
Tot Ion: 83 Resp: 457020

Ion Ratio Lower Upper

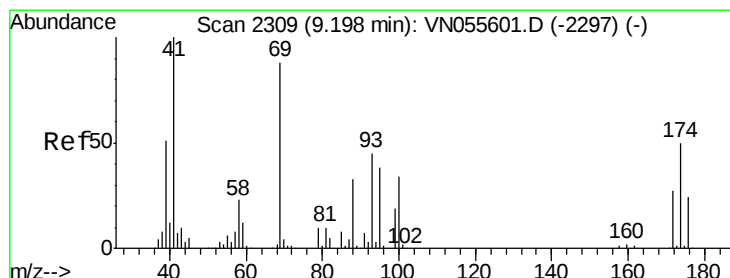
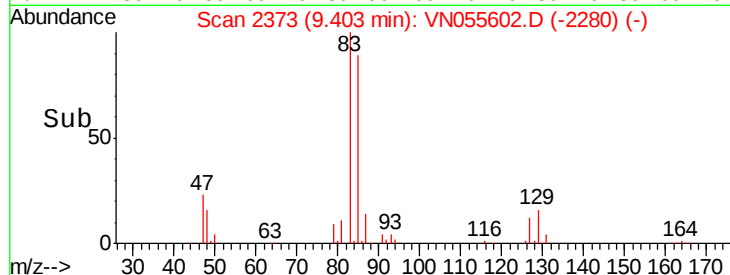
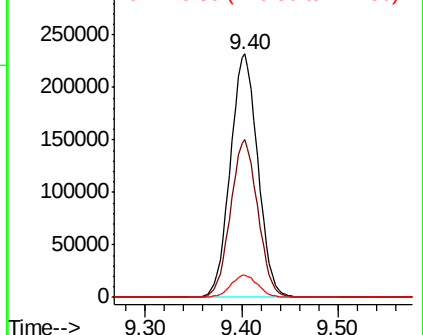
83 100

85 64.6 51.4 77.0

127 9.0 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 146.048 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

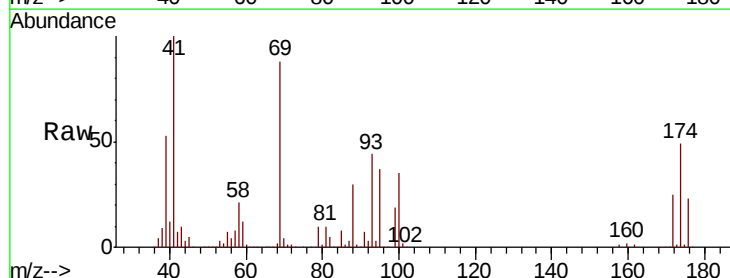
Tgt Ion: 41 Resp: 329661

Ion Ratio Lower Upper

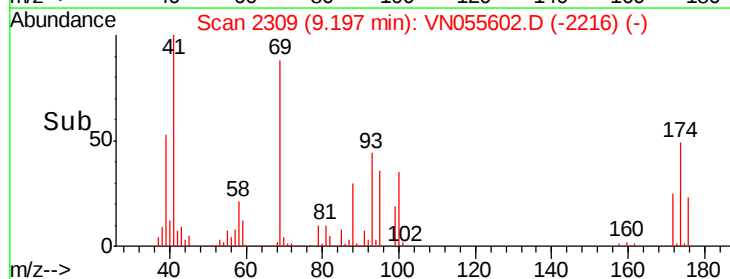
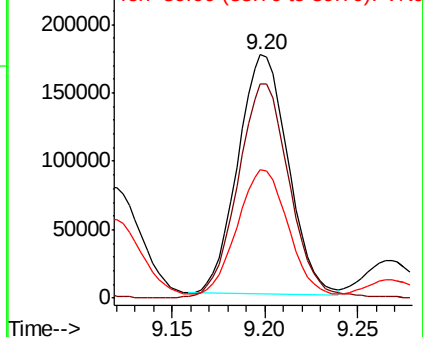
41 100

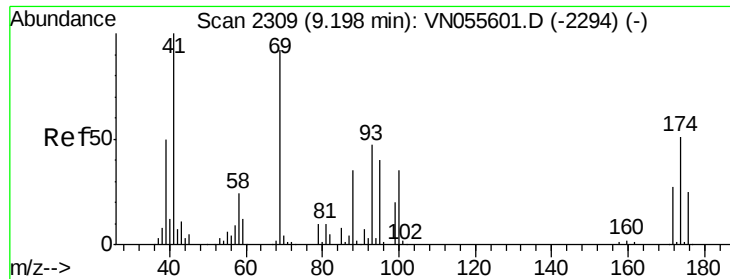
69 92.1 74.2 111.2

39 55.2 43.8 65.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

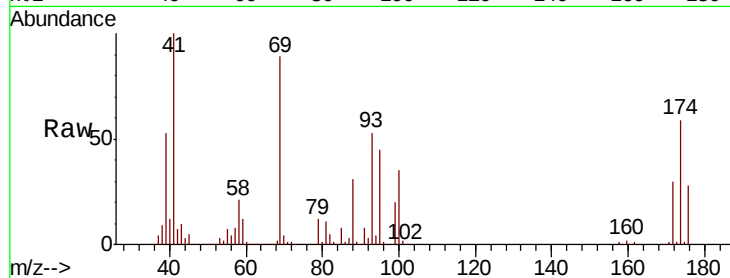




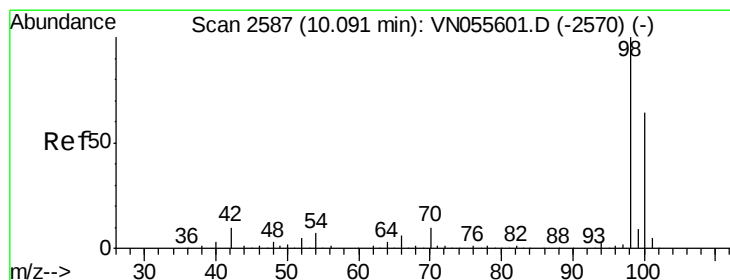
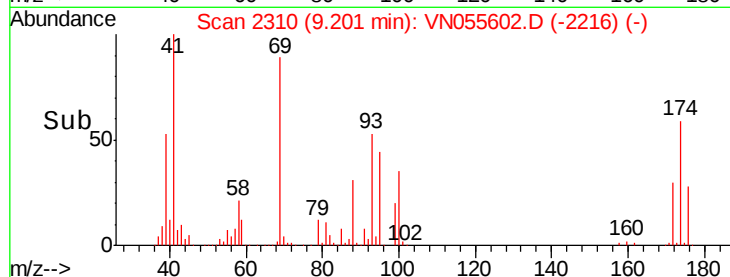
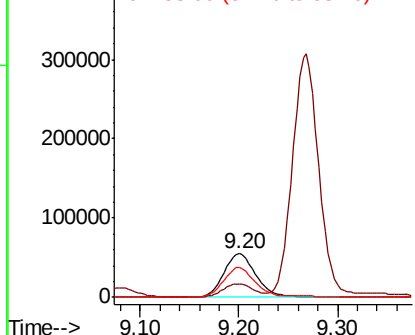
#49
1,4-Dioxane
Concen: 3448.513 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 126177
Ion Ratio Lower Upper
88 100
43 27.9 22.4 33.6
58 66.6 53.4 80.2

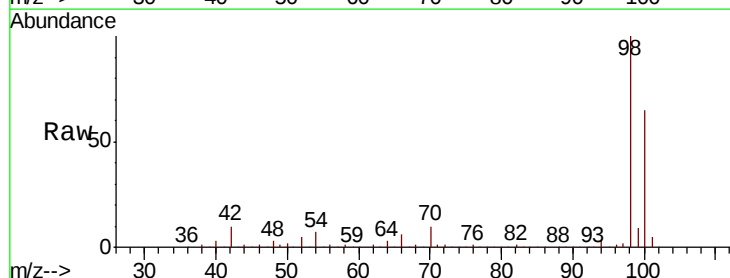


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

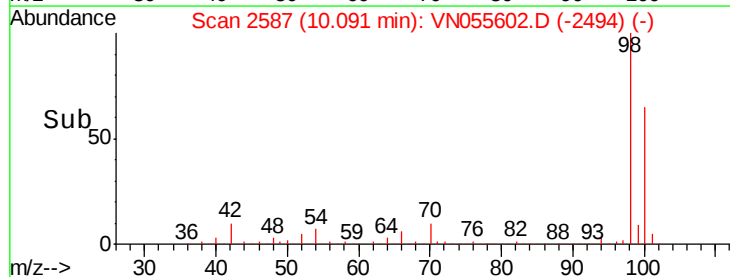
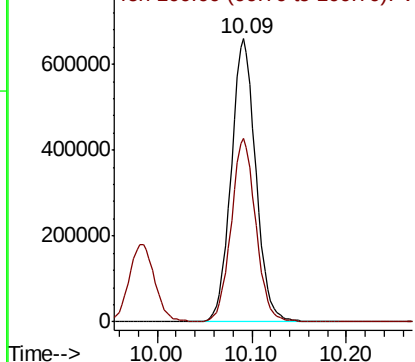


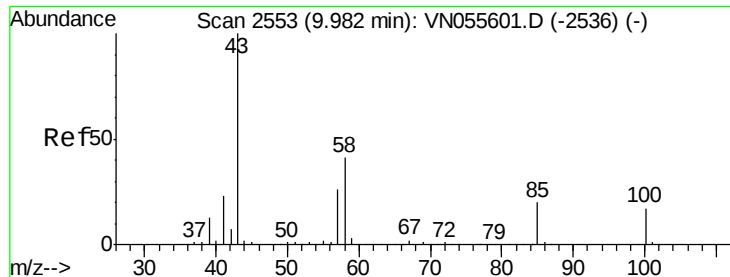
#50
Toluene-d8
Concen: 102.004 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Tgt Ion: 98 Resp: 1190266
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 827.561 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

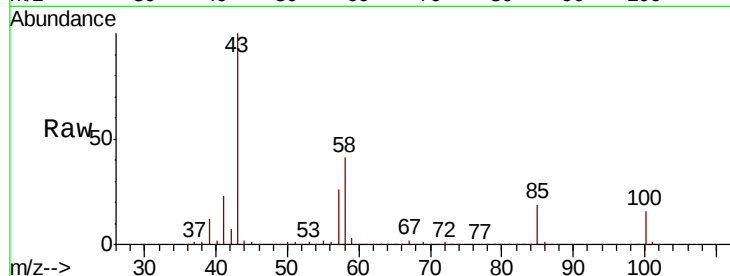
ClientSampled :

Tot Ion: 43 Resp: 2068618

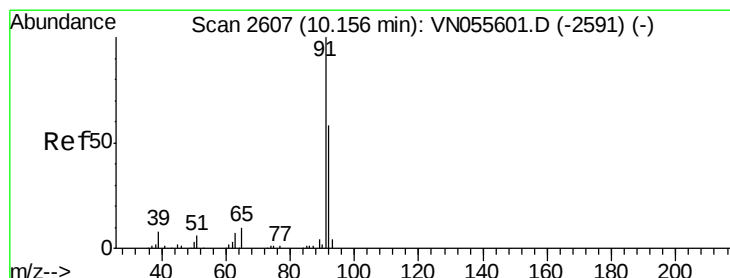
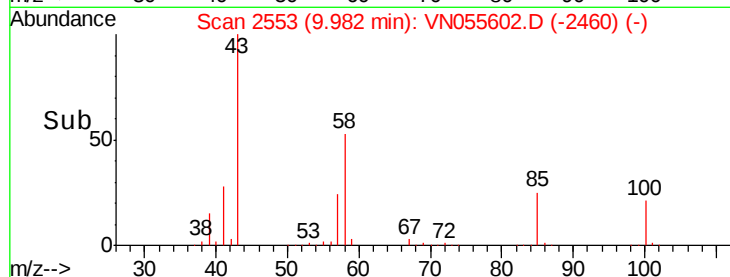
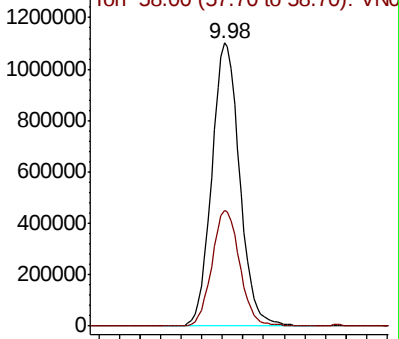
Ion Ratio Lower Upper

43 100

58 40.9 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)



#52

Toluene

Concen: 103.355 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055602.D

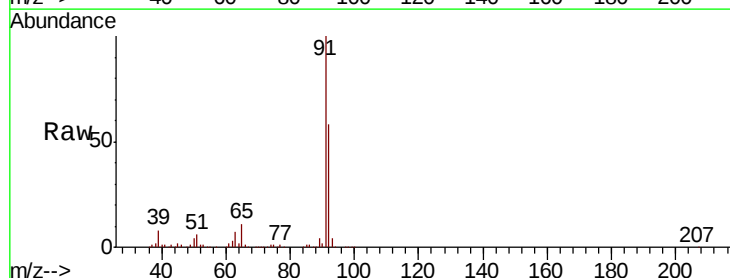
Acq: 17 May 2019 11:03

Tgt Ion: 92 Resp: 813569

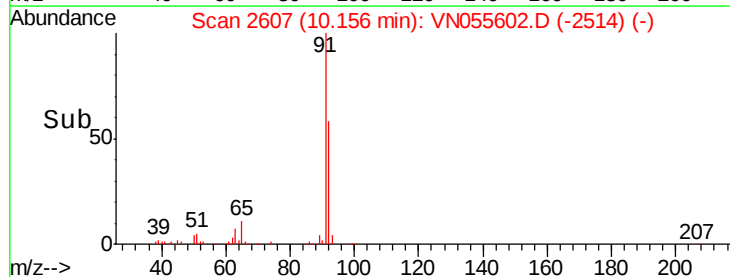
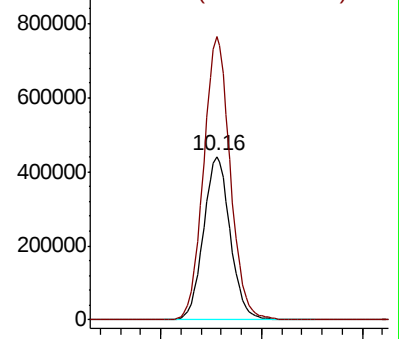
Ion Ratio Lower Upper

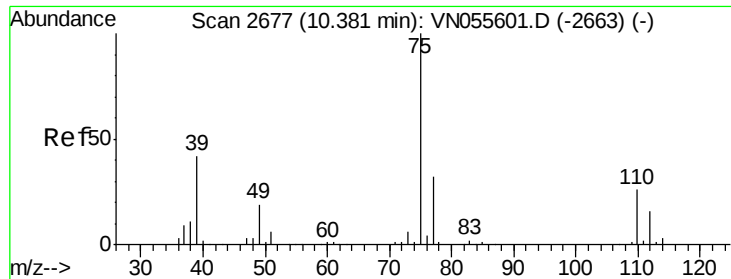
92 100

91 173.1 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055601.D (-2591) (-)

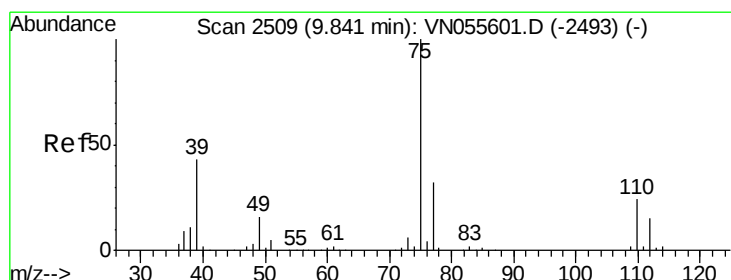
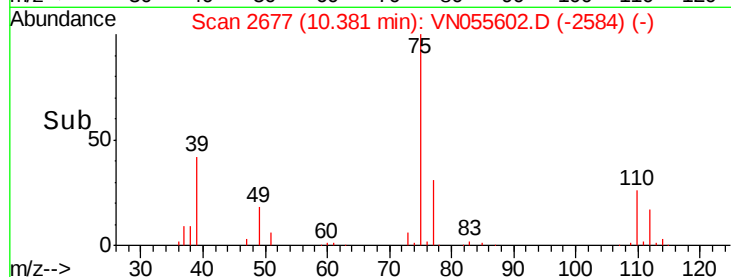
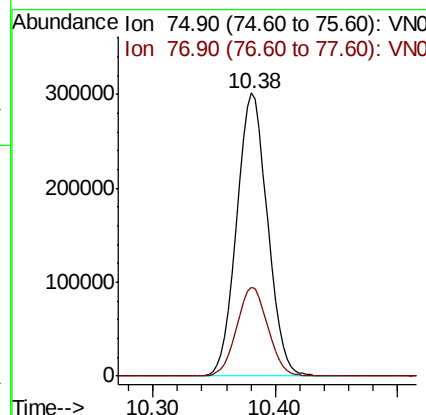
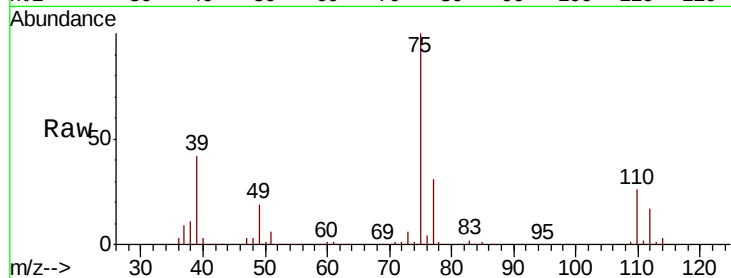




#53
 t-1,3-Dichloropropene
 Concen: 122.155 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

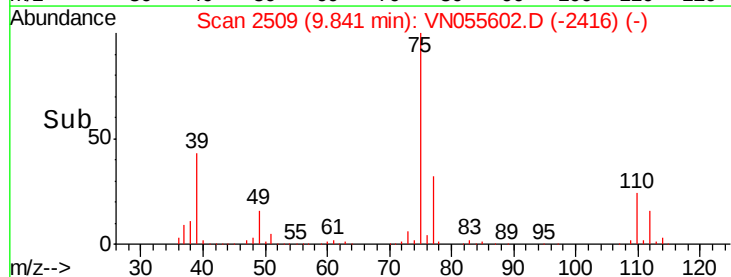
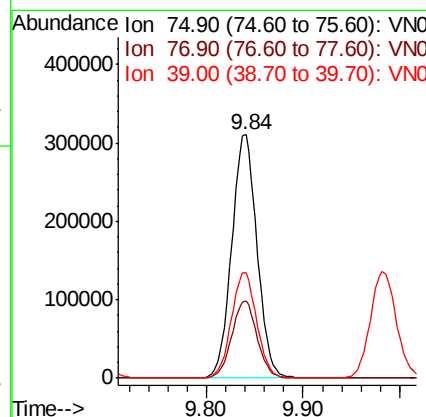
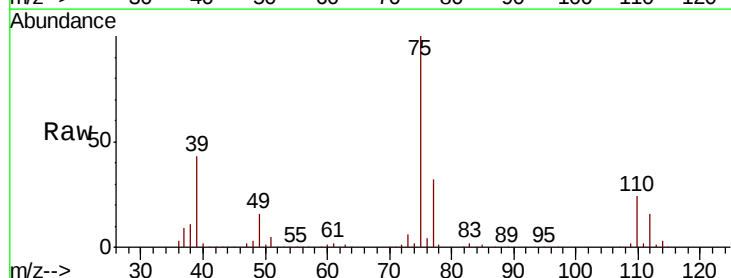
Instrument :
 MSVOA_N
 ClientSampleId :

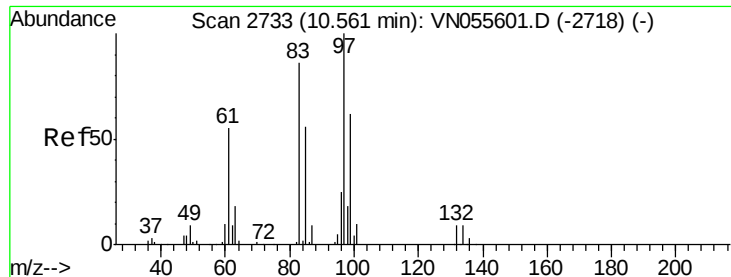
Tot Ion: 75 Resp: 528147
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 113.029 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

Tgt Ion: 75 Resp: 563634
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.7 38.5
 39 43.1 34.7 52.1

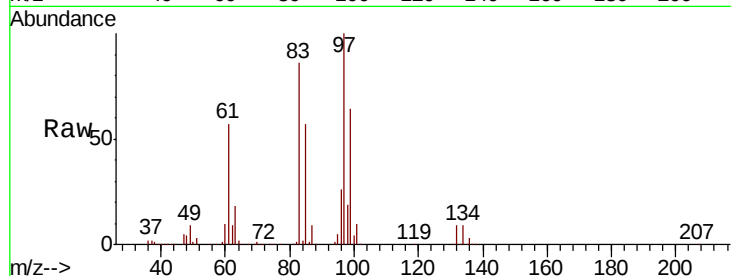




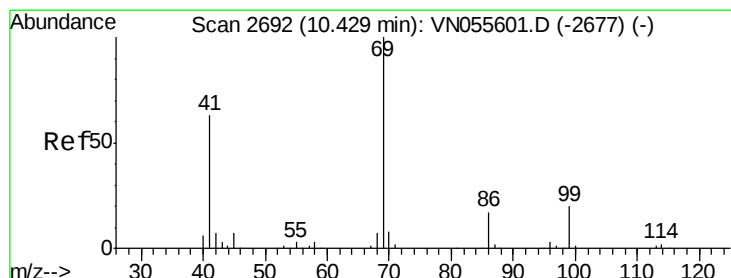
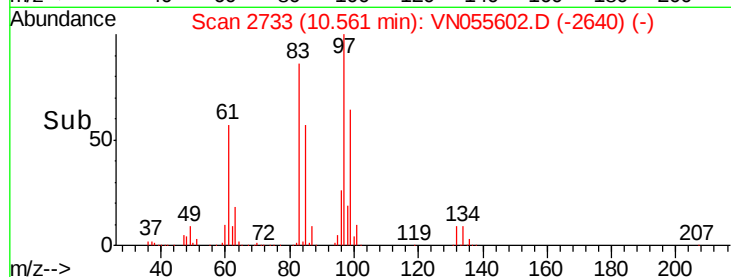
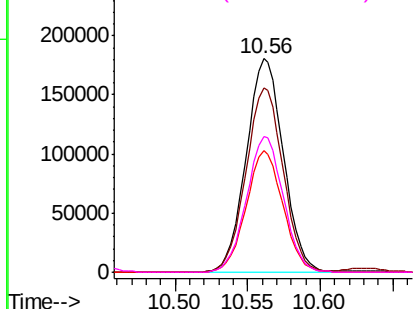
#55
 1,1,2-Trichloroethane
 Concen: 109.908 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	323044
Ion	Ratio	Lower	Upper
97	100		
83	86.3	68.4	102.6
85	56.7	44.8	67.2
99	63.7	49.9	74.9

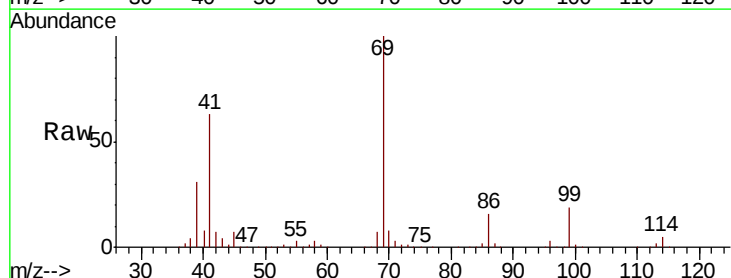


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

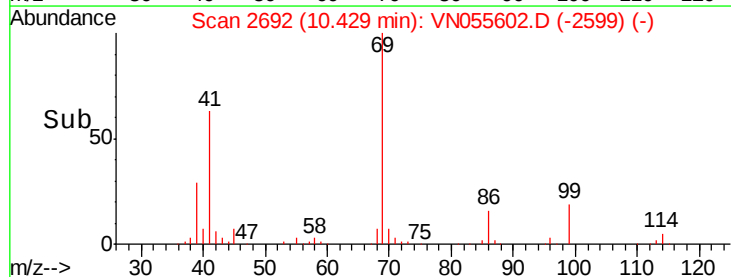
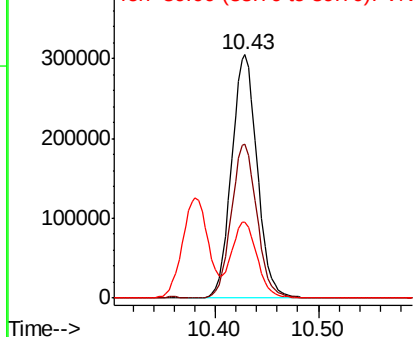


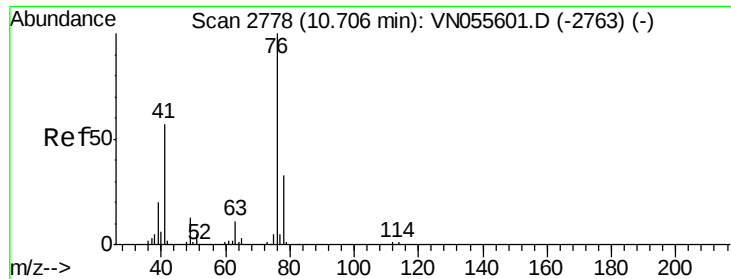
#56
 Ethyl methacrylate
 Concen: 150.251 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

Tgt Ion:	69	Resp:	528061
Ion	Ratio	Lower	Upper
69	100		
41	62.8	50.3	75.5
39	30.9	25.4	38.2



Abundance Ion 69.00 (68.70 to 69.70): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

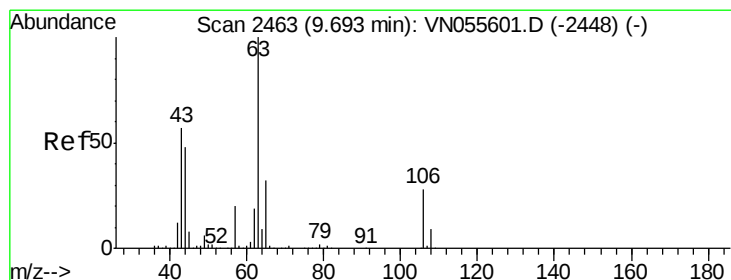
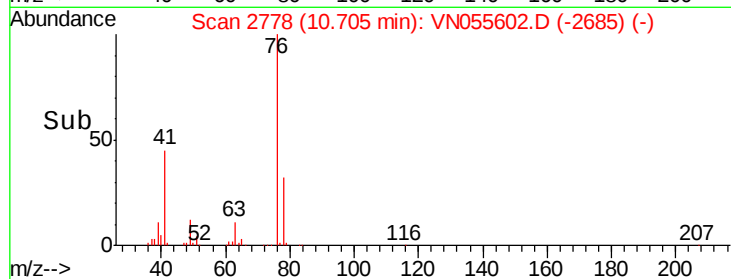
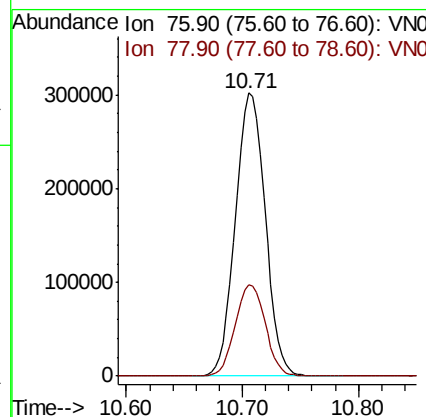
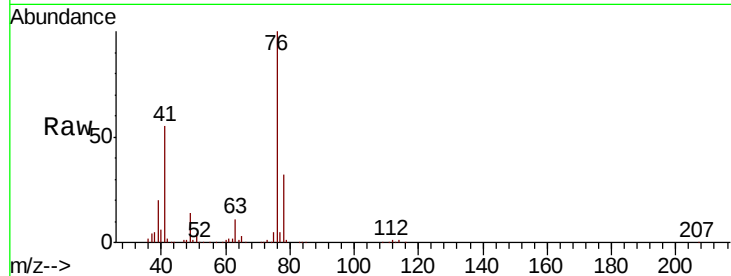




#57
 1,3-Dichloropropane
 Concen: 110.540 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

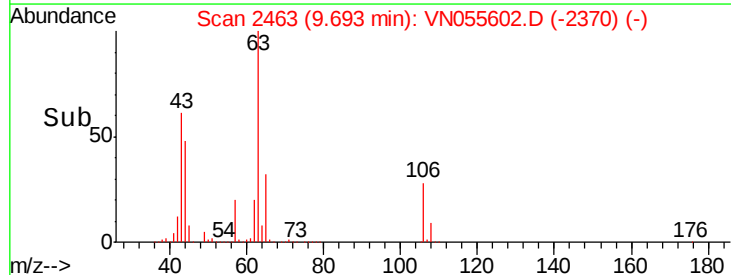
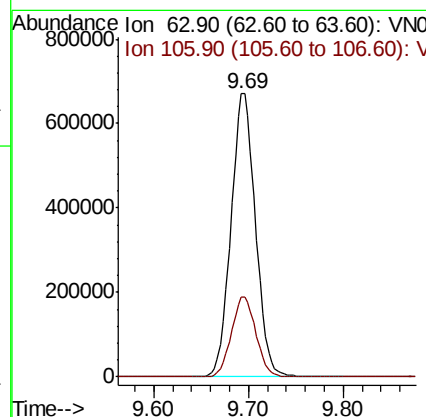
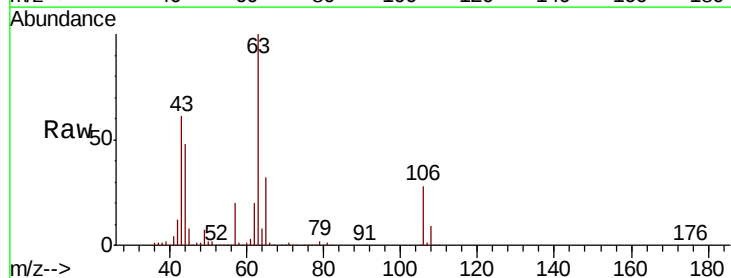
Instrument :
 MSVOA_N
 ClientSampleId :

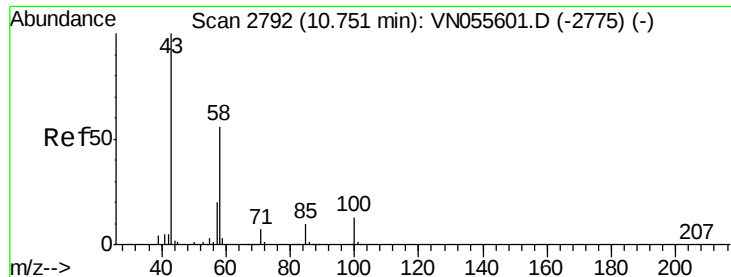
Tot Ion: 76 Resp: 538145
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.5 39.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 777.363 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

Tgt Ion: 63 Resp: 1203119
 Ion Ratio Lower Upper
 63 100
 106 28.4 23.0 34.6

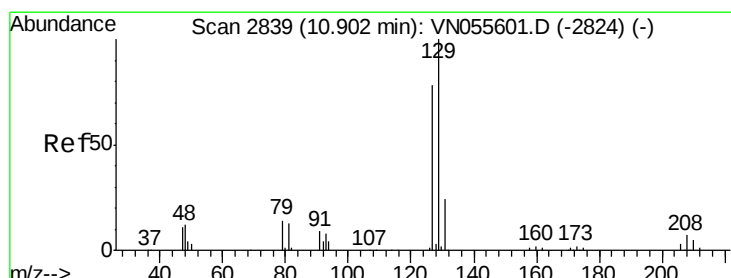
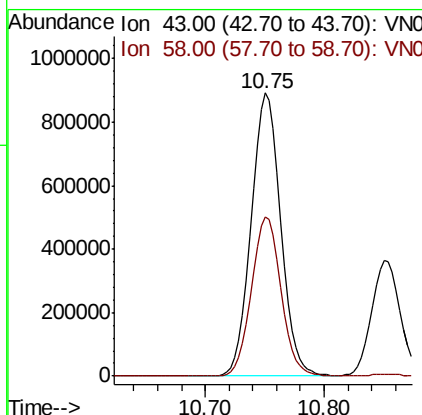
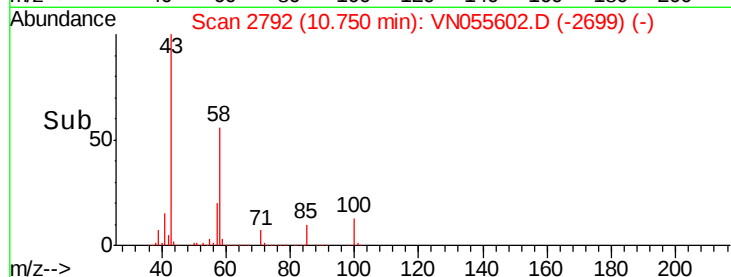
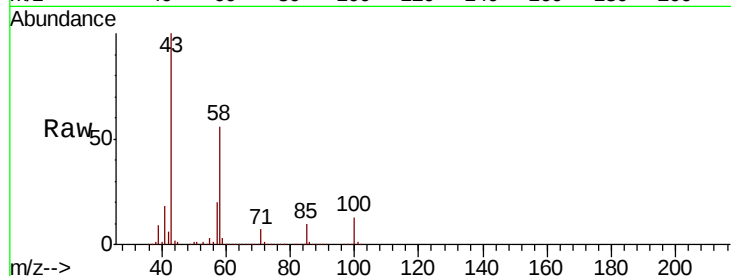




#59
2-Hexanone
Concen: 891.377 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

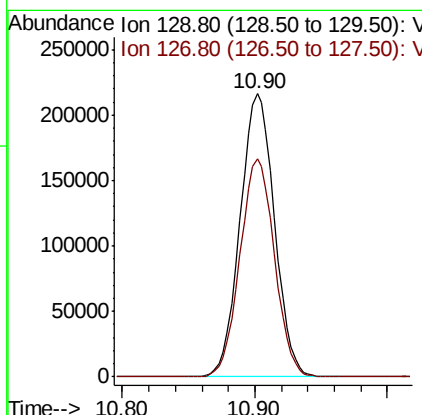
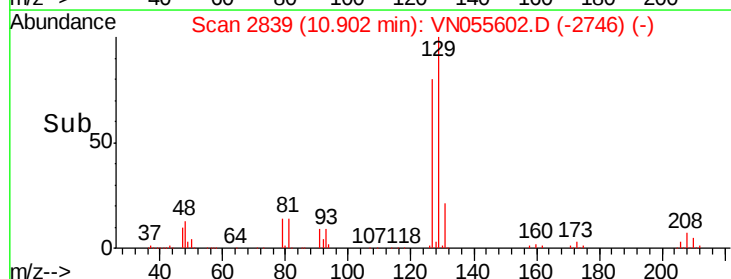
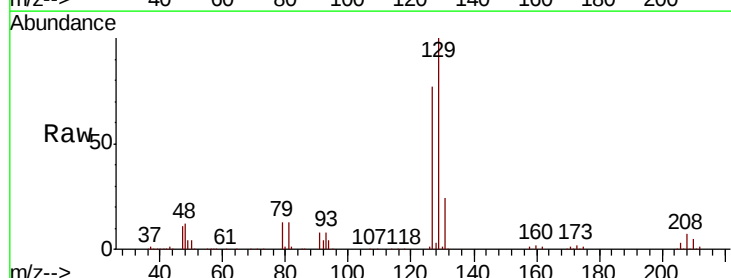
Instrument :
MSVOA_N
ClientSampled :

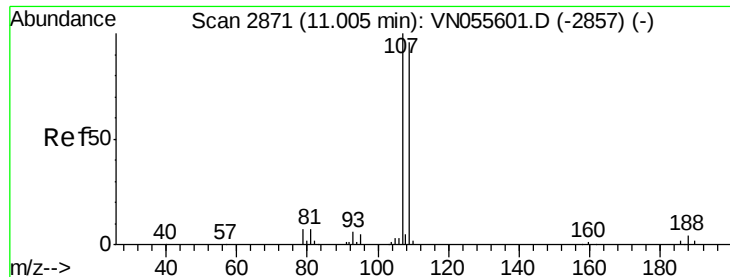
Tot Ion: 43 Resp: 1531313
Ion Ratio Lower Upper
43 100
58 56.5 28.1 84.4



#60
Dibromochloromethane
Concen: 113.967 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Tgt Ion: 129 Resp: 388214
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 117.548 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

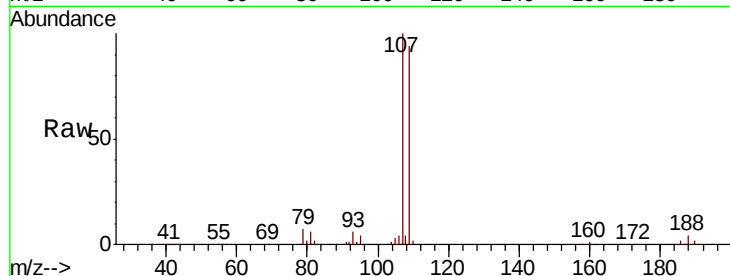
ClientSampleId :

Tot Ion: 107 Resp: 344113

Ion Ratio Lower Upper

107 100

109 94.2 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

200000

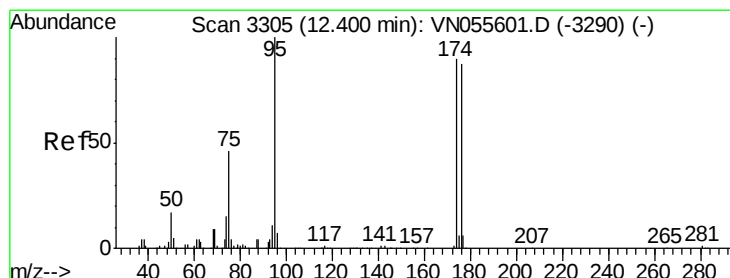
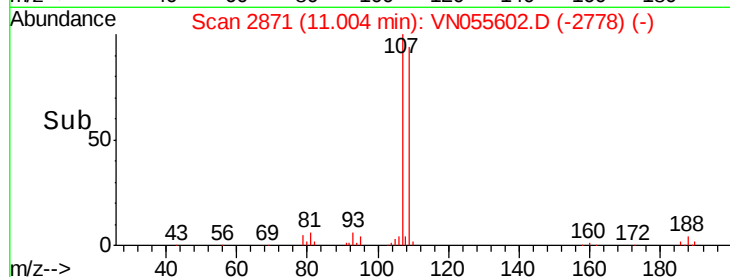
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 110.497 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

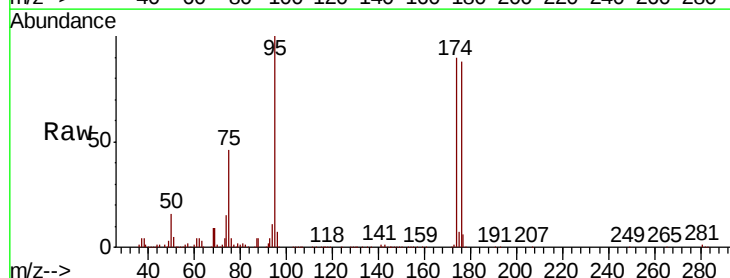
Tgt Ion: 95 Resp: 426776

Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.6

176 88.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

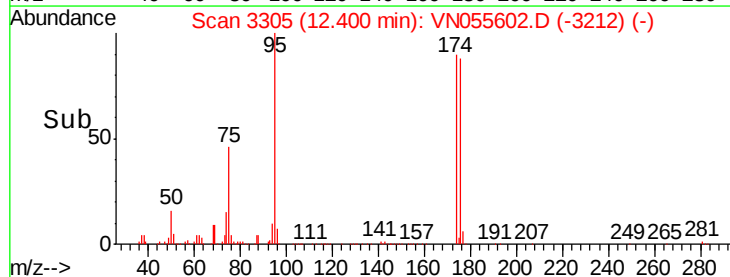
300000

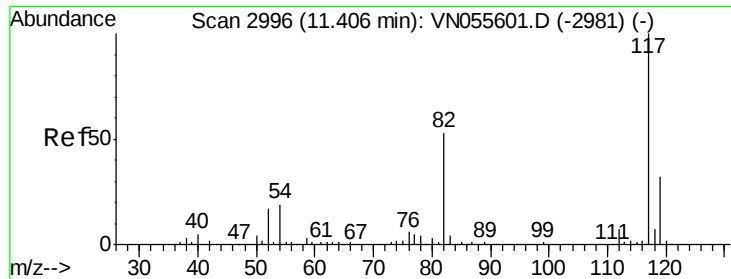
200000

100000

0

Time--> 12.30 12.35 12.40 12.45

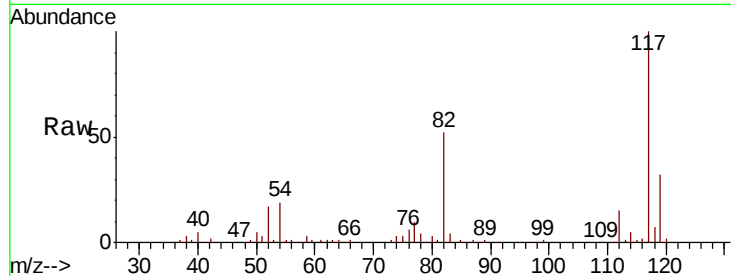




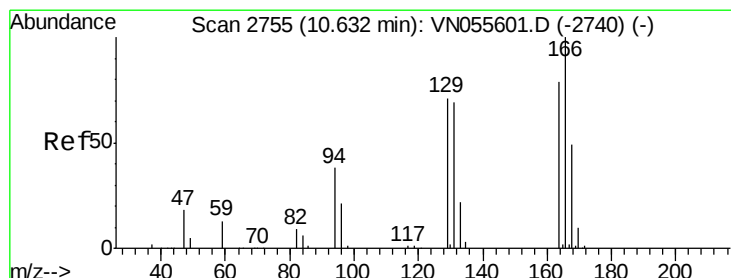
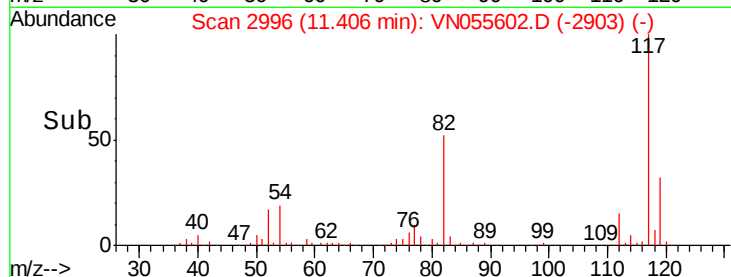
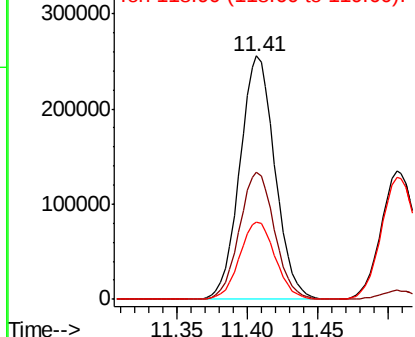
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 445639
Ion Ratio Lower Upper
117 100
82 52.2 42.3 63.5
119 32.0 25.4 38.2

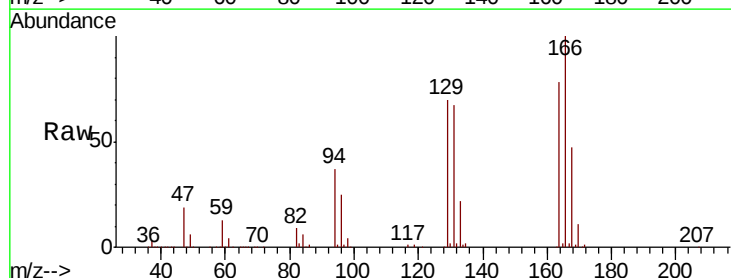


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

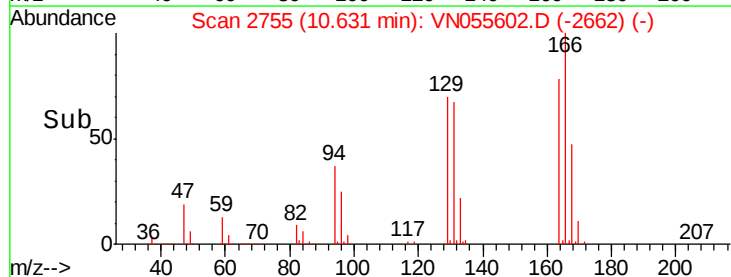
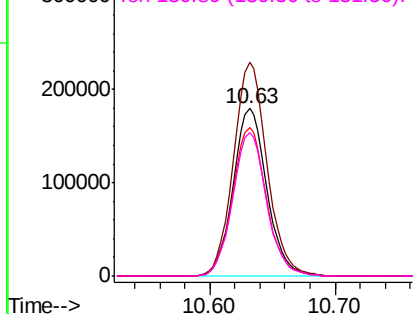


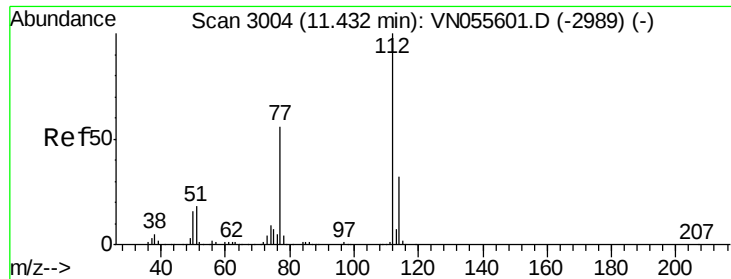
#64
Tetrachloroethene
Concen: 85.394 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Tgt Ion:164 Resp: 334794
Ion Ratio Lower Upper
164 100
166 127.8 101.0 151.6
129 89.0 71.7 107.5
131 85.8 69.6 104.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

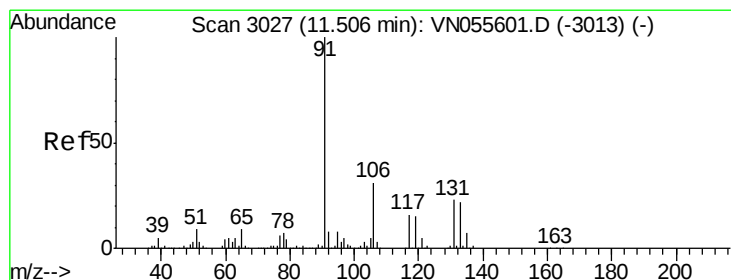
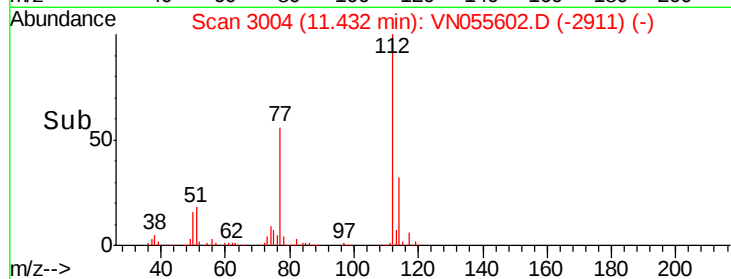
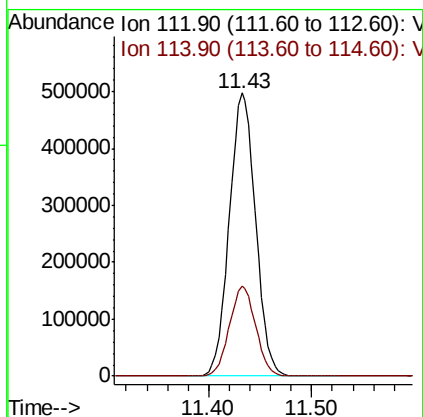
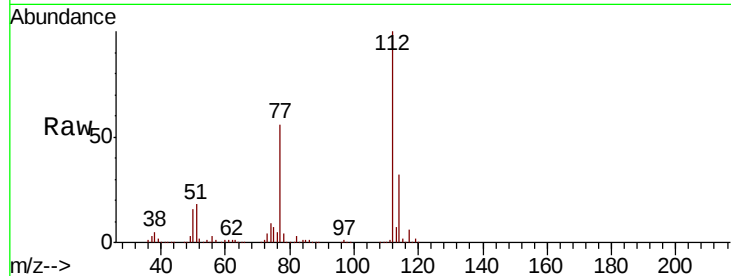




#65
Chlorobenzene
Concen: 94.832 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

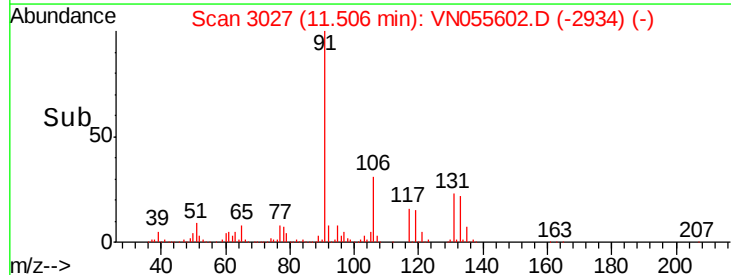
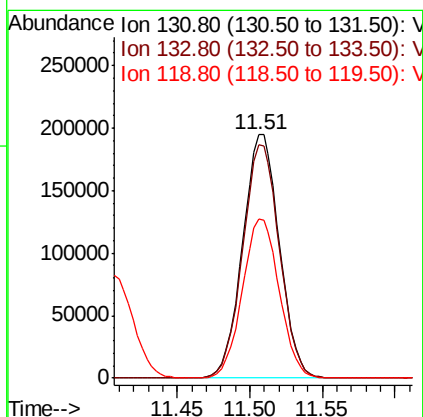
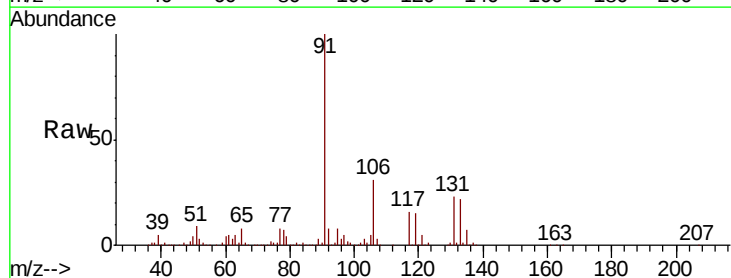
Instrument :
MSVOA_N
ClientSampleId :

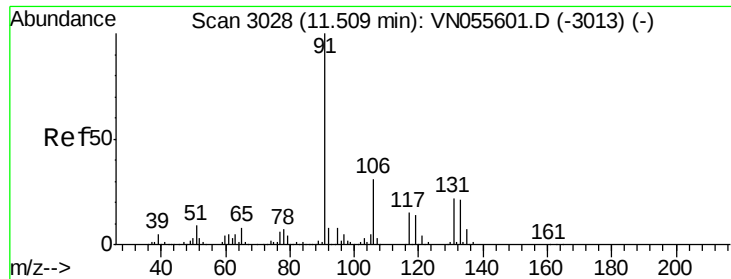
Tot Ion:112 Resp: 881990
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 100.185 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Tgt Ion:131 Resp: 343134
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.4
119 65.7 33.3 99.8

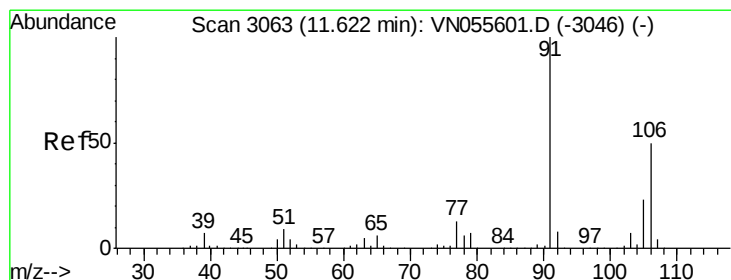
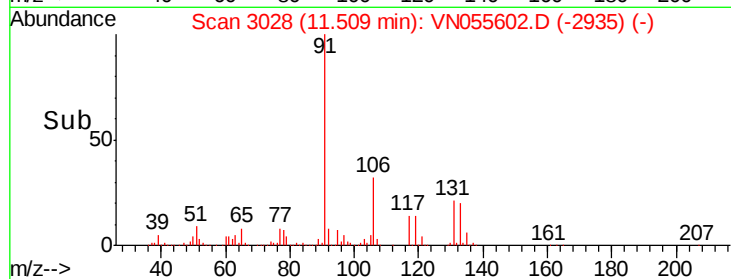
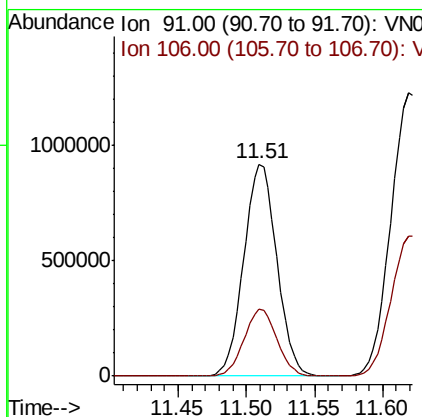
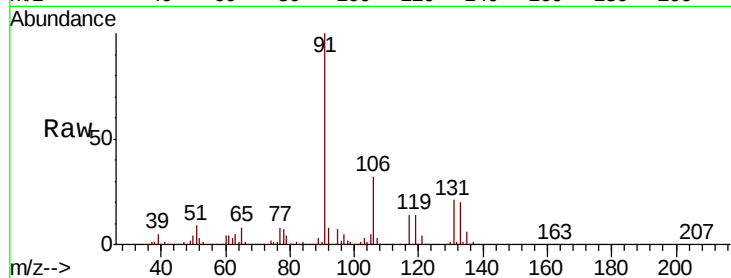




#67
Ethyl Benzene
Concen: 102.090 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

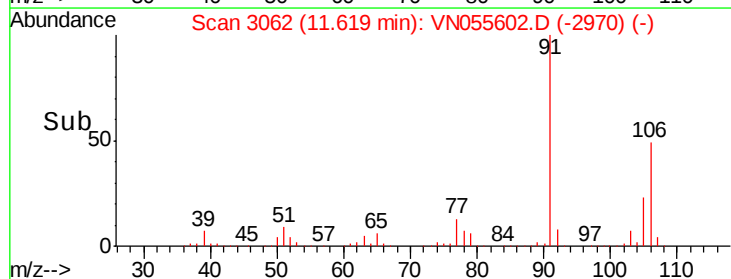
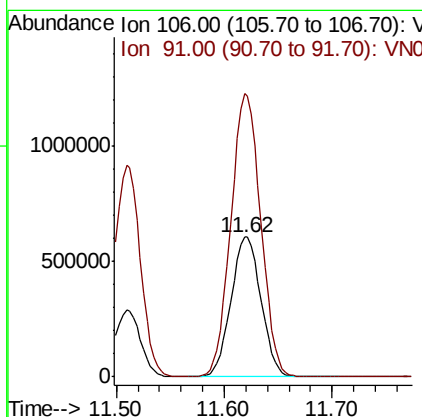
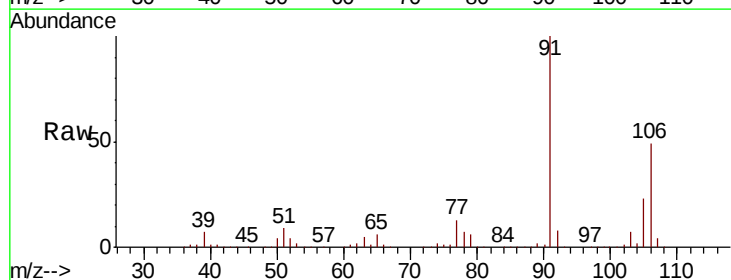
Instrument :
MSVOA_N
ClientSampled :

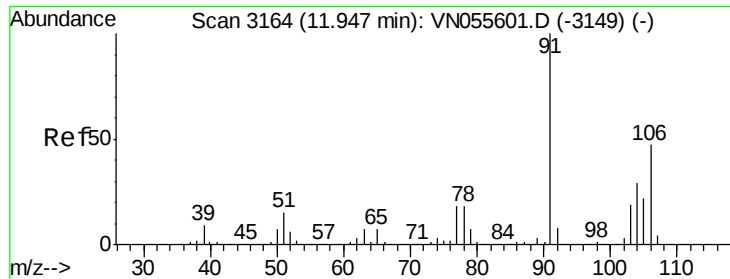
Tot Ion: 91 Resp: 1548336
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 201.713 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Tgt Ion:106 Resp: 1176832
Ion Ratio Lower Upper
106 100
91 201.2 160.5 240.7

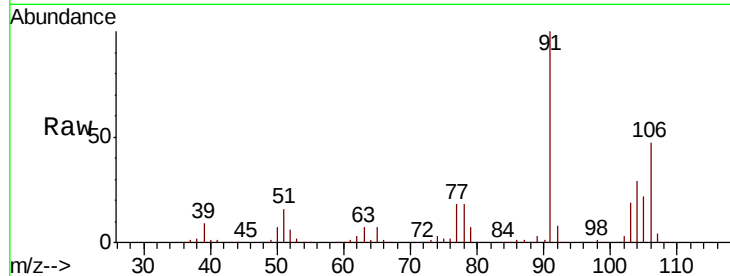




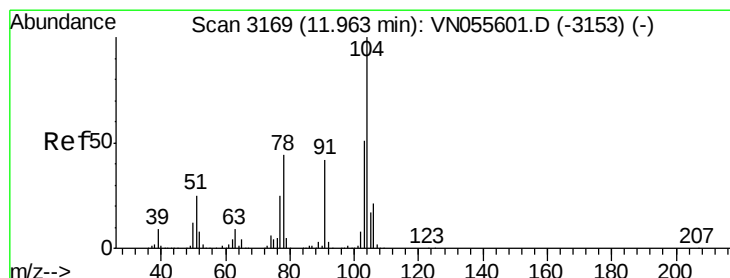
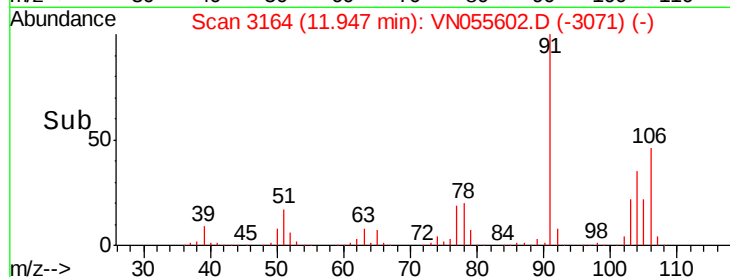
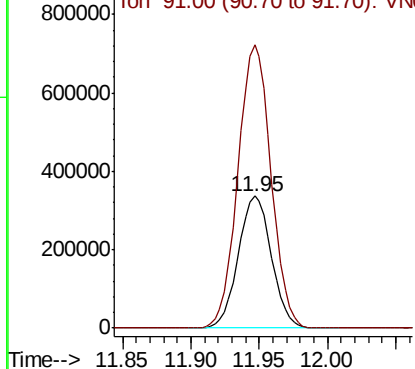
#69
o-Xylene
Concen: 100.707 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 566800
Ion Ratio Lower Upper
106 100
91 214.2 106.7 320.2

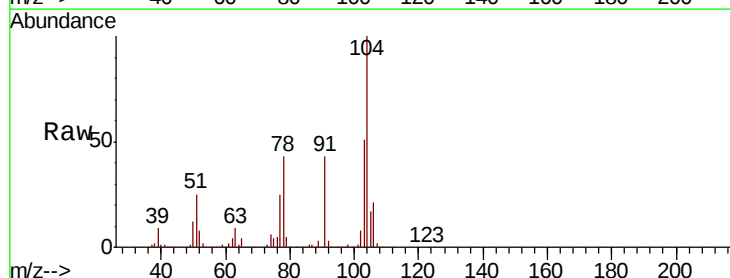


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

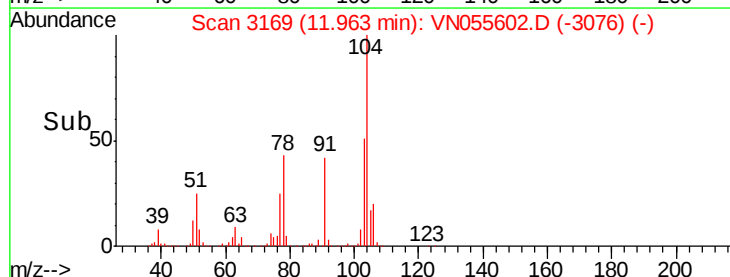
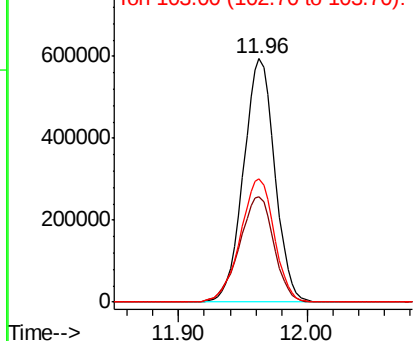


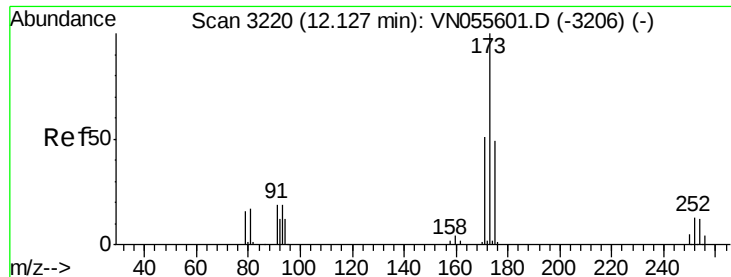
#70
Styrene
Concen: 112.419 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Tgt Ion:104 Resp: 1002256
Ion Ratio Lower Upper
104 100
78 47.8 38.6 58.0
103 55.0 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 123.776 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

ClientSampled :

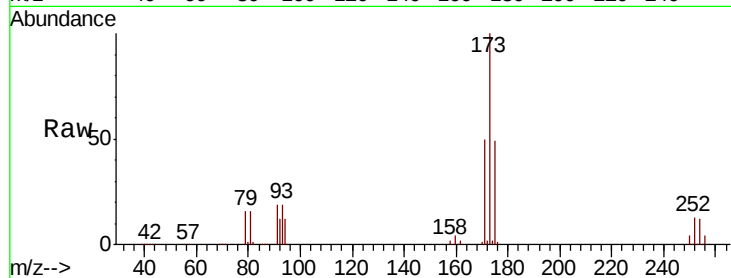
Tot Ion:173 Resp: 313064

Ion Ratio Lower Upper

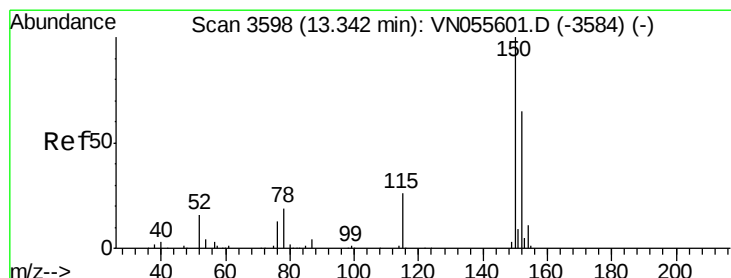
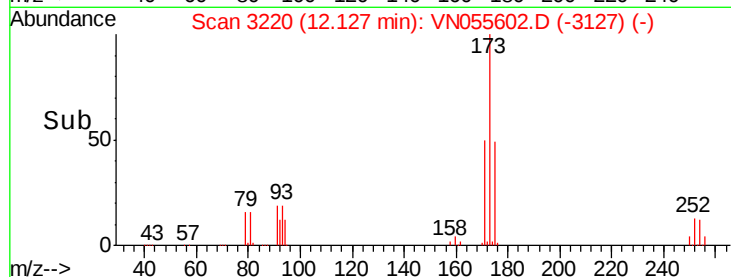
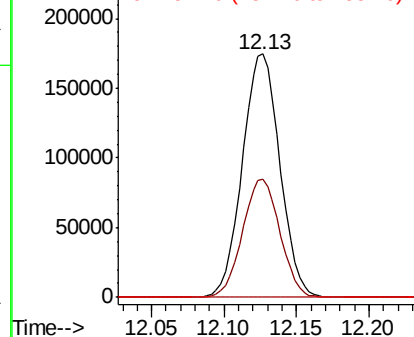
173 100

175 48.5 24.3 72.9

254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

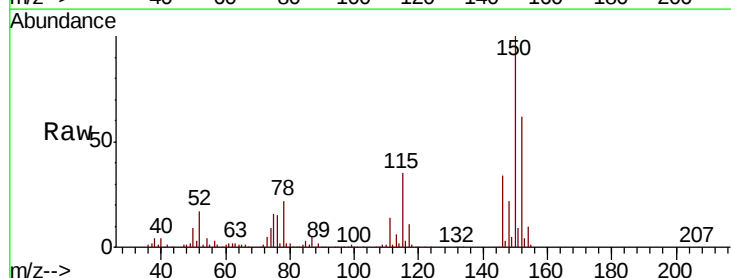
Tgt Ion:152 Resp: 215466

Ion Ratio Lower Upper

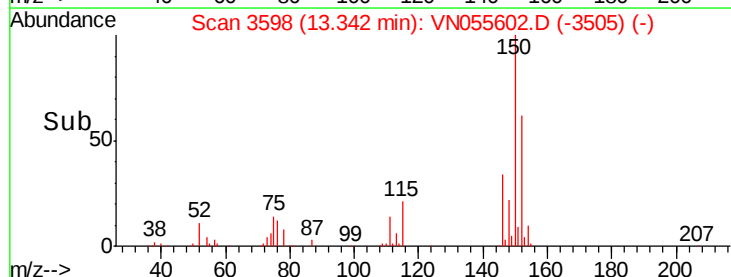
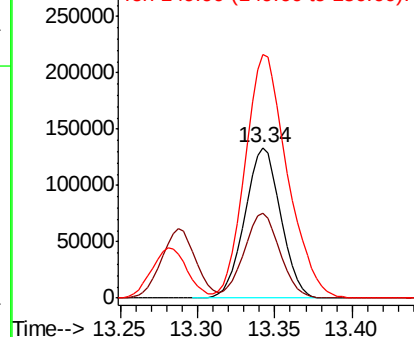
152 100

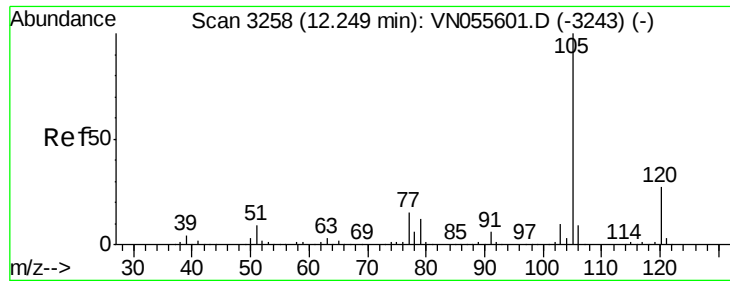
115 56.2 28.1 84.2

150 190.0 0.0 348.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 97.709 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

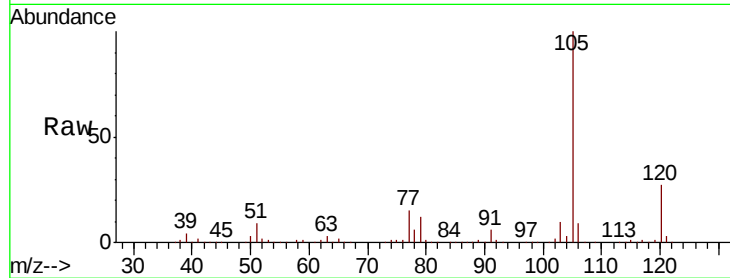
ClientSampleId :

Tot Ion:105 Resp: 1491434

Ion Ratio Lower Upper

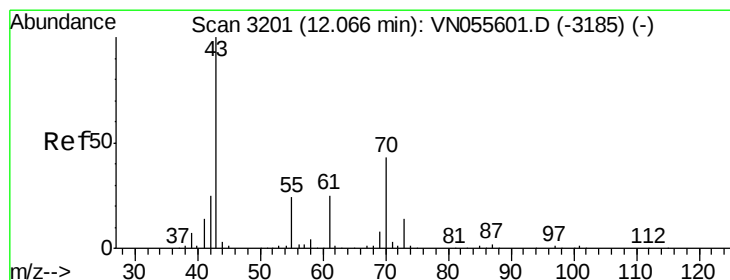
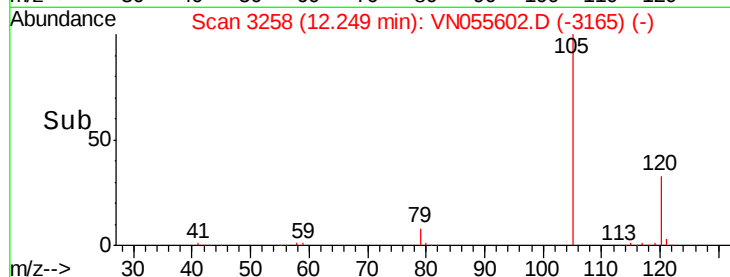
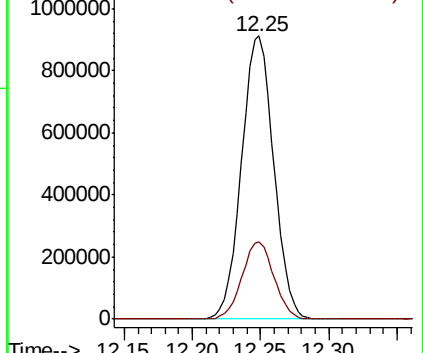
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 156.665 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Tgt Ion: 43 Resp: 610476

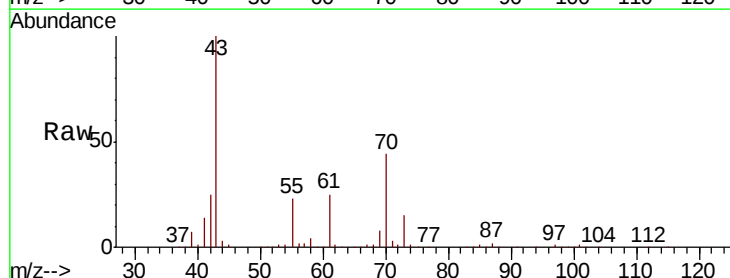
Ion Ratio Lower Upper

43 100

70 44.1 35.0 52.6

55 23.3 18.9 28.3

61 25.4 20.1 30.1

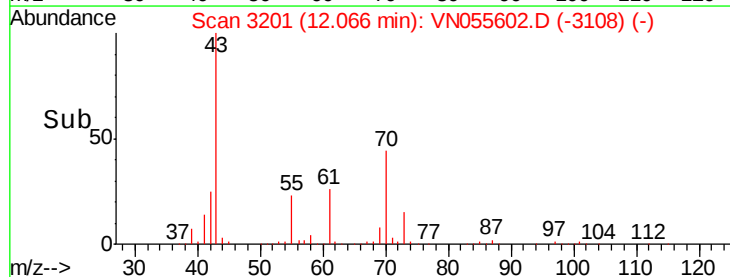
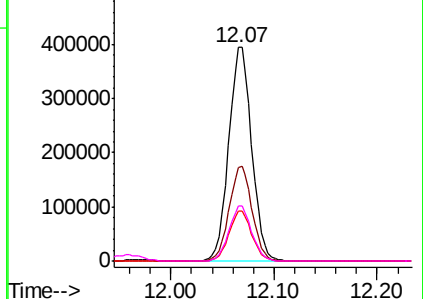


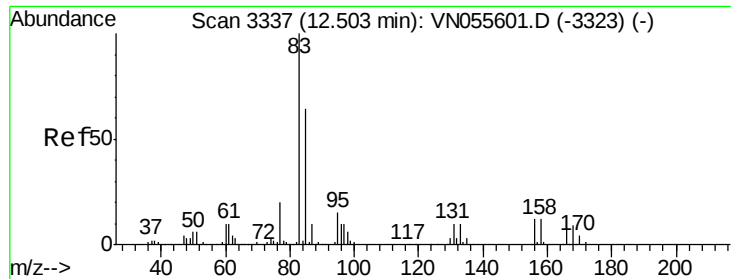
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 123.192 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

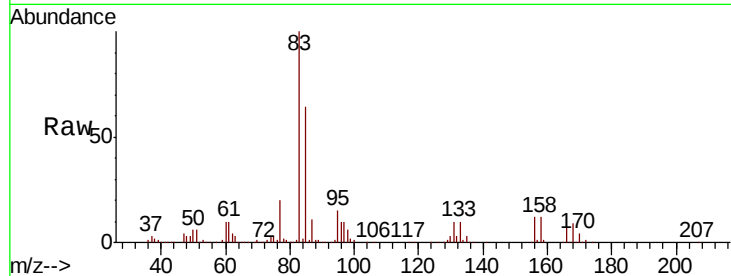
Tot Ion: 83 Resp: 469553

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

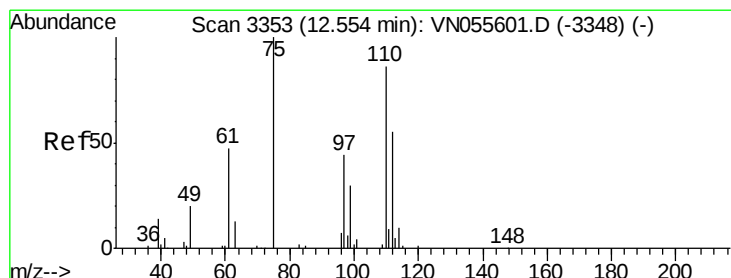
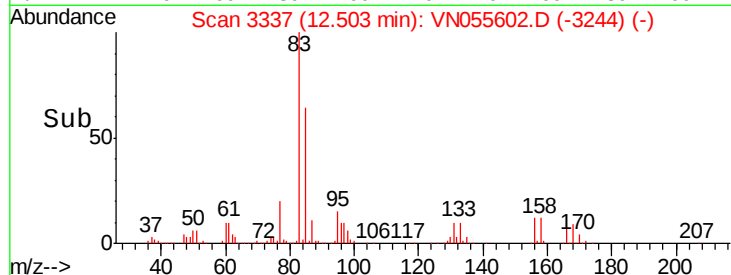
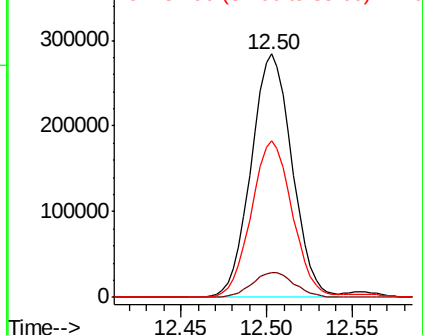
85 64.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN055602.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN055602.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN055602.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 182.199 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN055602.D

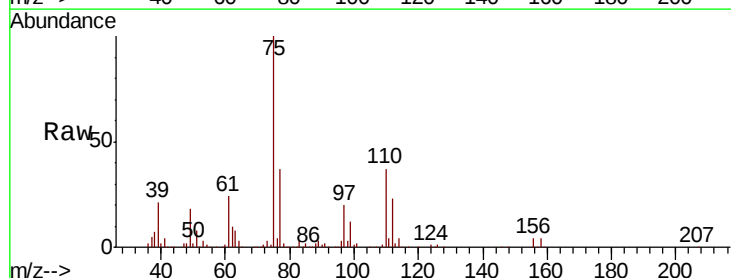
Acq: 17 May 2019 11:03

Tgt Ion: 75 Resp: 603158

Ion Ratio Lower Upper

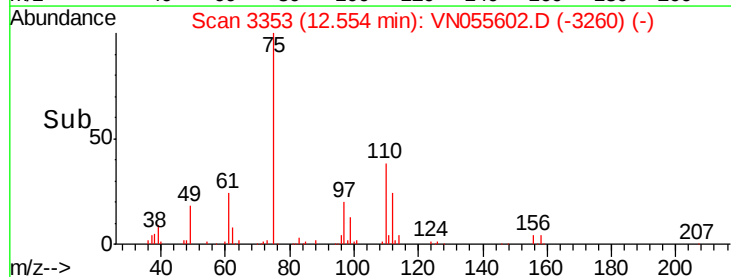
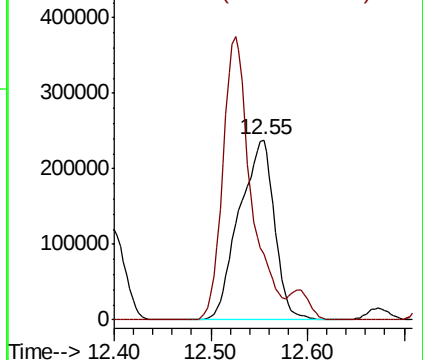
75 100

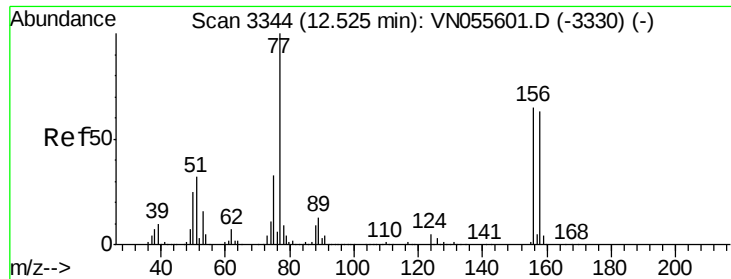
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055602.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055602.D (-3260) (-)





#77

Bromobenzene

Concen: 99.991 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

ClientSampled :

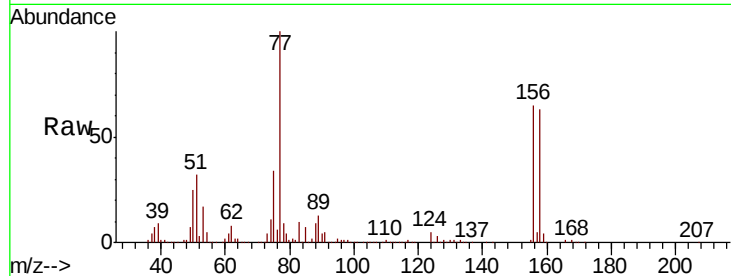
Tot Ion:156 Resp: 407914

Ion Ratio Lower Upper

156 100

77 187.3 94.5 283.5

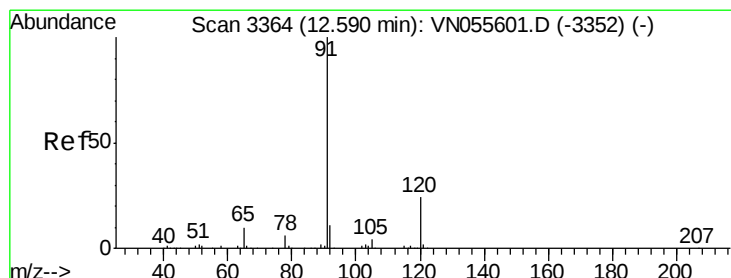
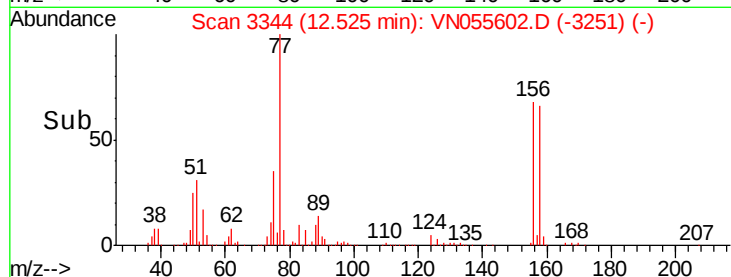
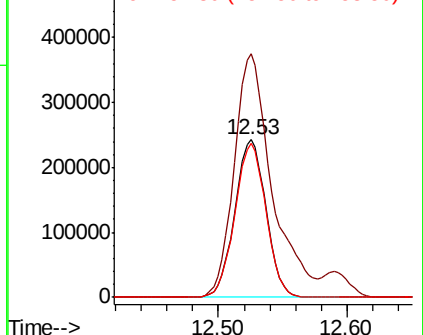
158 97.1 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 100.200 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN055602.D

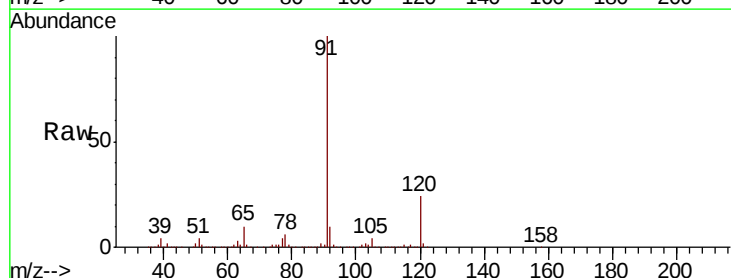
Acq: 17 May 2019 11:03

Tgt Ion: 91 Resp: 1701804

Ion Ratio Lower Upper

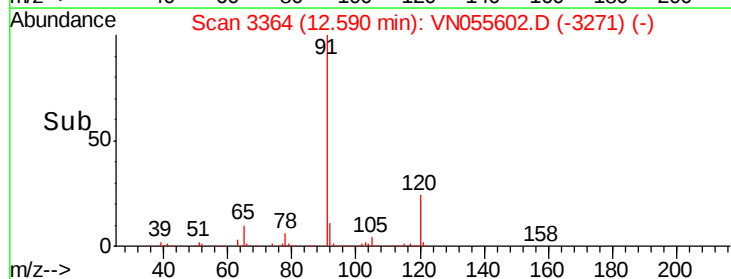
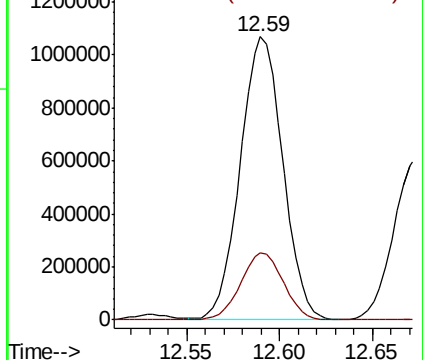
91 100

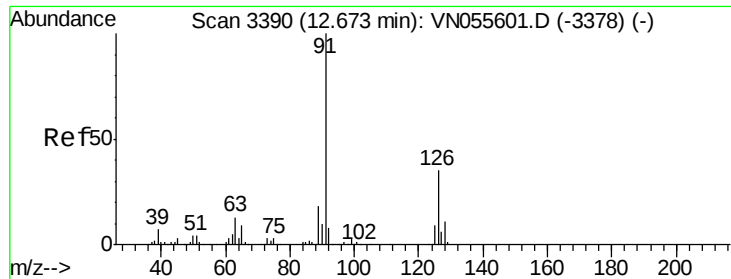
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 98.652 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

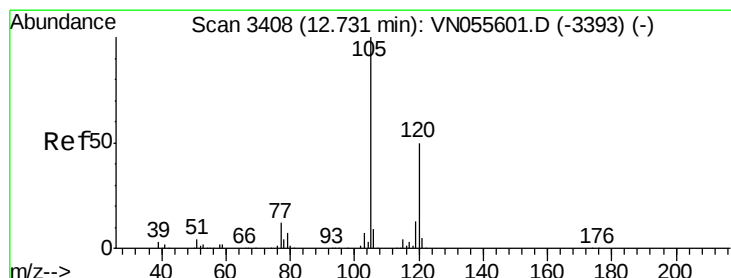
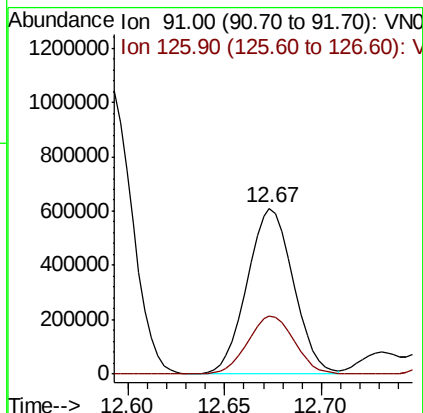
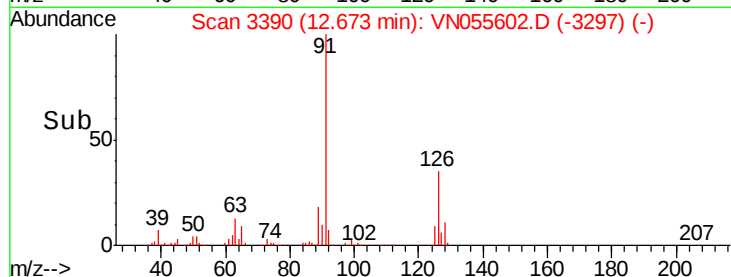
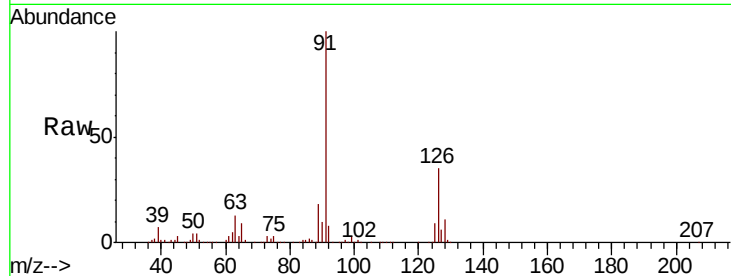
ClientSampled :

Tot Ion: 91 Resp: 1012811

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 100.844 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055602.D

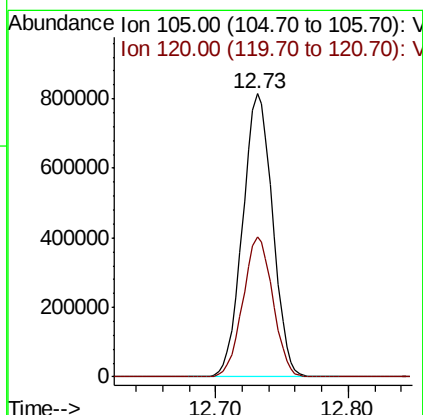
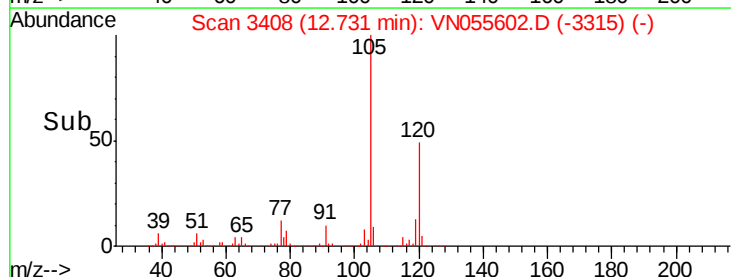
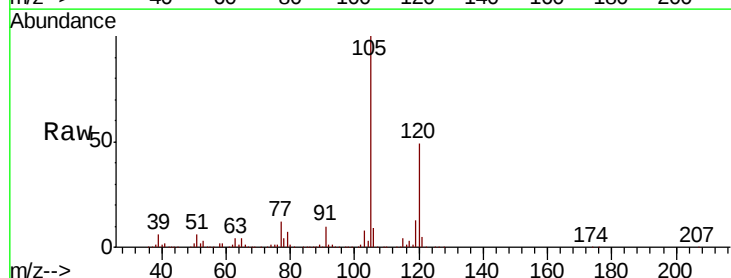
Acq: 17 May 2019 11:03

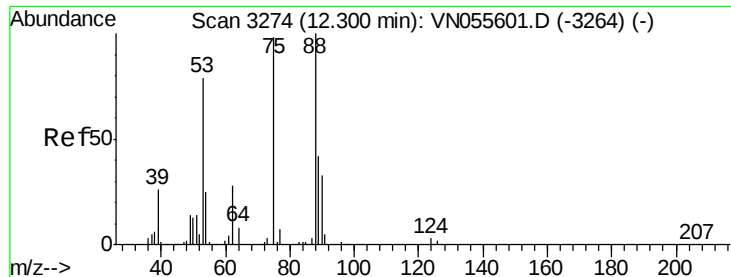
Tgt Ion:105 Resp: 1276443

Ion Ratio Lower Upper

105 100

120 49.4 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 157.313 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

ClientSampleId :

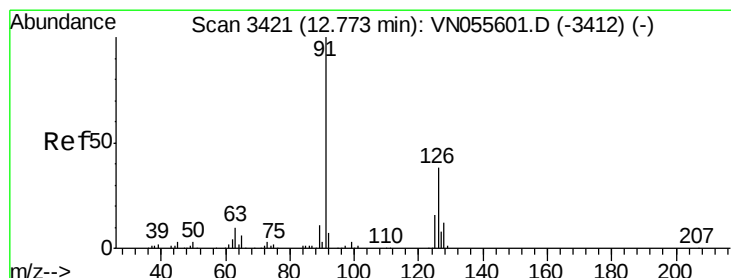
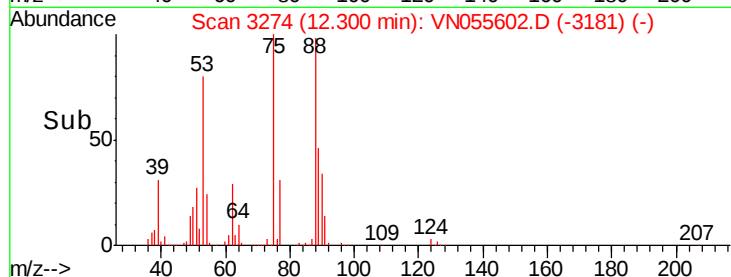
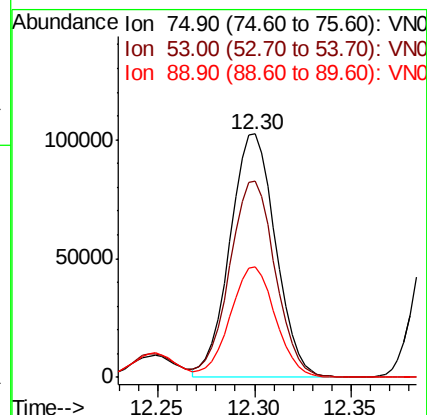
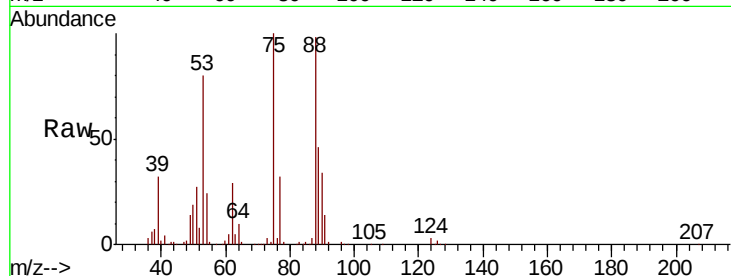
Tot Ion: 75 Resp: 168561

Ion Ratio Lower Upper

75 100

53 80.8 65.1 97.7

89 45.1 36.4 54.6



#82

4-Chlorotoluene

Concen: 101.104 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055602.D

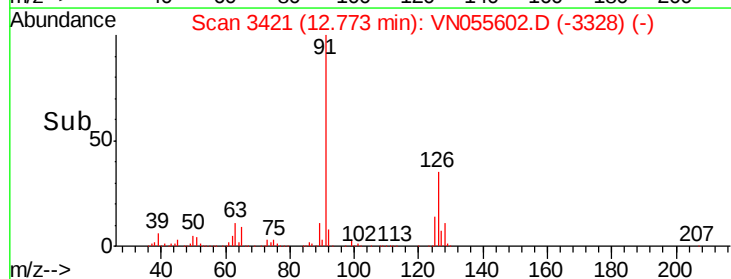
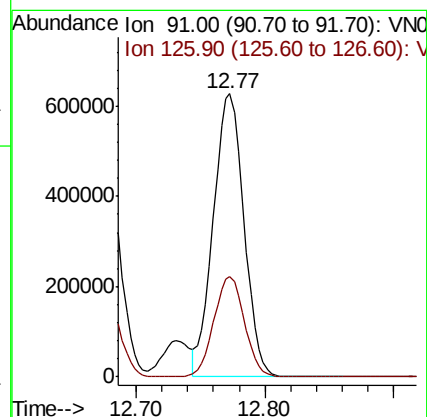
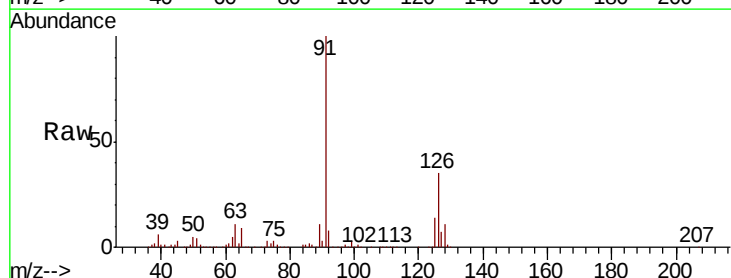
Acq: 17 May 2019 11:03

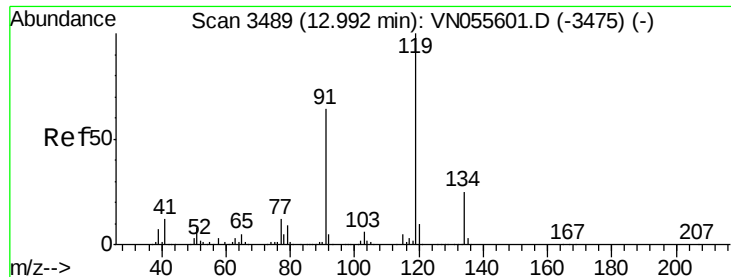
Tgt Ion: 91 Resp: 1032561

Ion Ratio Lower Upper

91 100

126 35.4 17.5 52.6

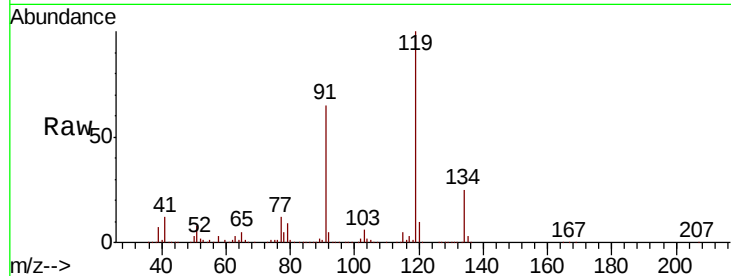




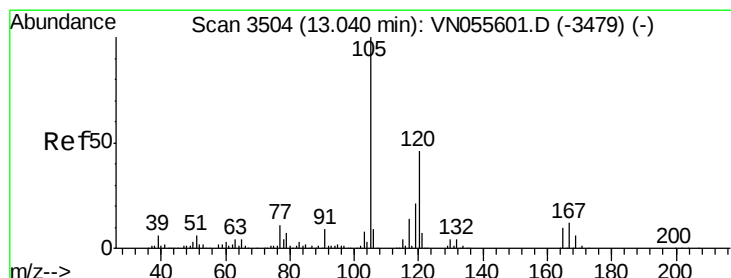
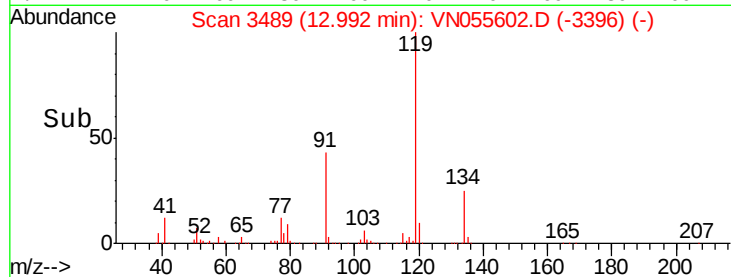
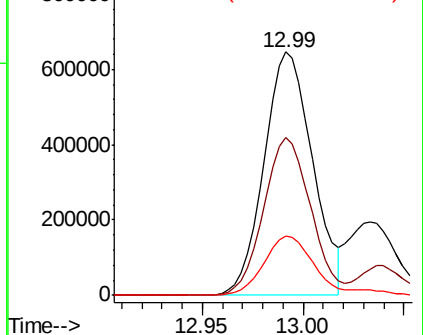
#83
tert-Butylbenzene
Concen: 95.538 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 1081008
Ion Ratio Lower Upper
119 100
91 62.6 31.3 93.8
134 26.3 13.2 39.6

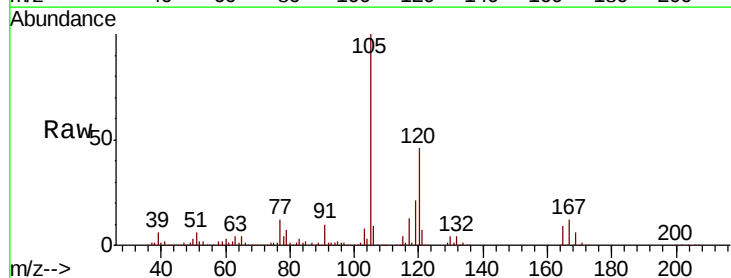


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

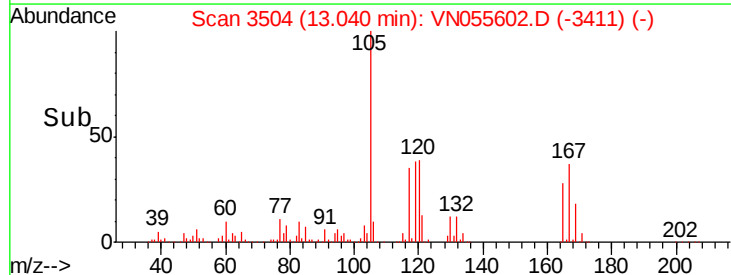
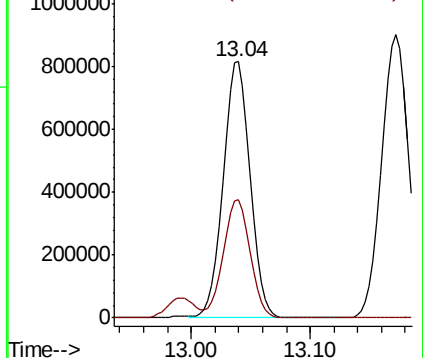


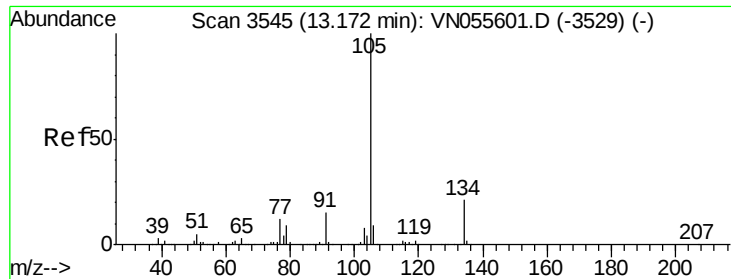
#84
1,2,4-Trimethylbenzene
Concen: 100.701 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Tgt Ion:105 Resp: 1272873
Ion Ratio Lower Upper
105 100
120 46.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 93.892 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

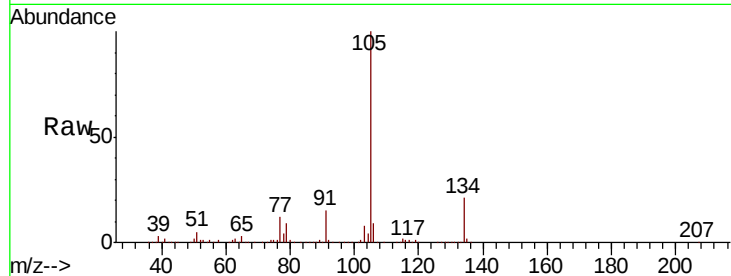
ClientSampleId :

Tot Ion:105 Resp: 1422443

Ion Ratio Lower Upper

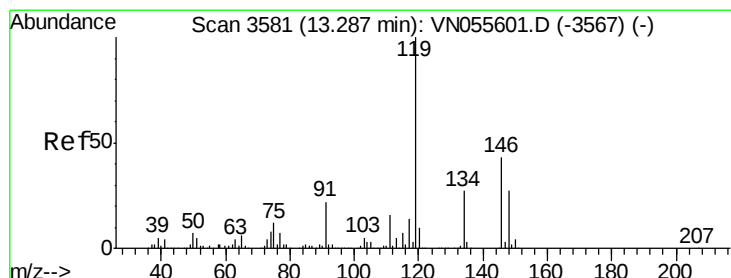
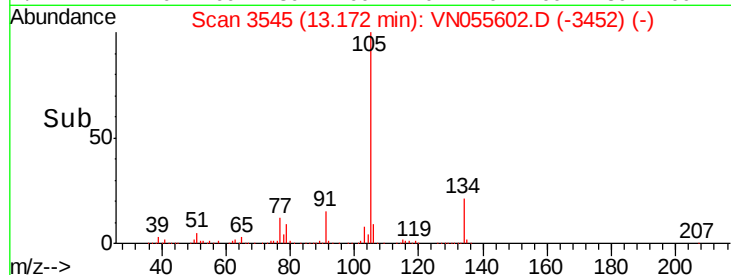
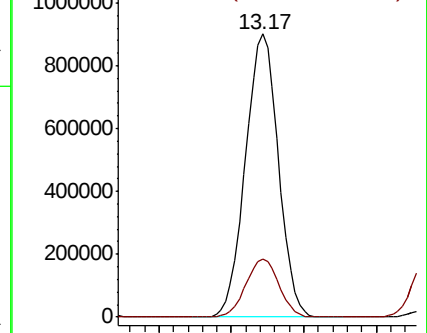
105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 100.527 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

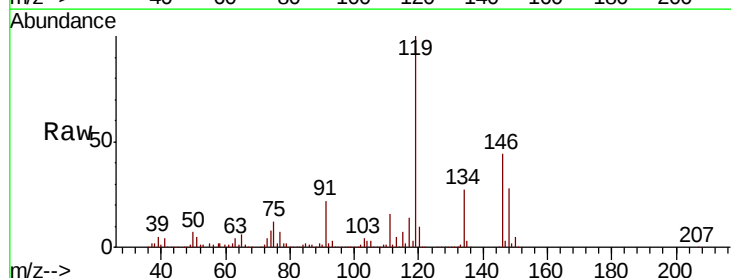
Tgt Ion:119 Resp: 1330840

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

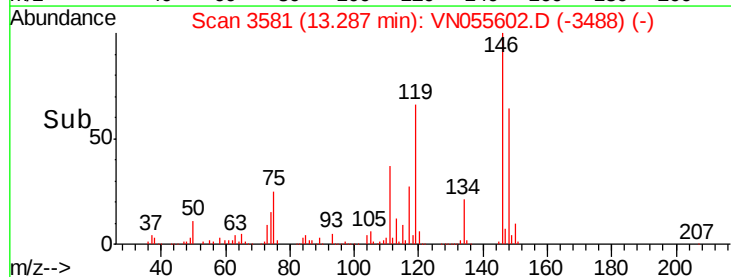
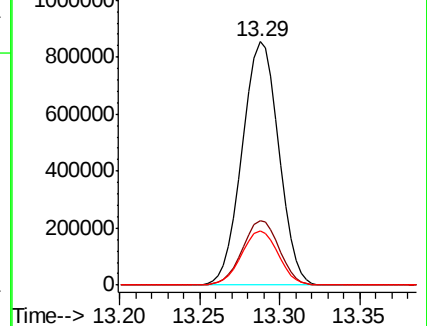
91 22.2 11.0 33.0

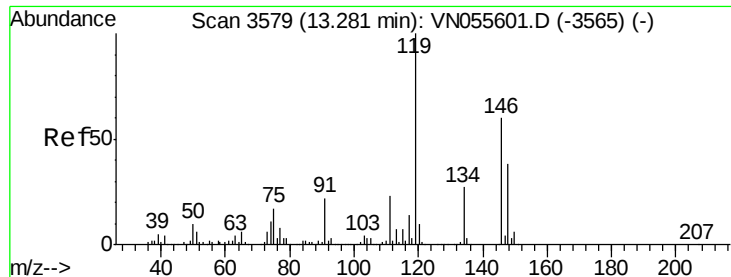


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

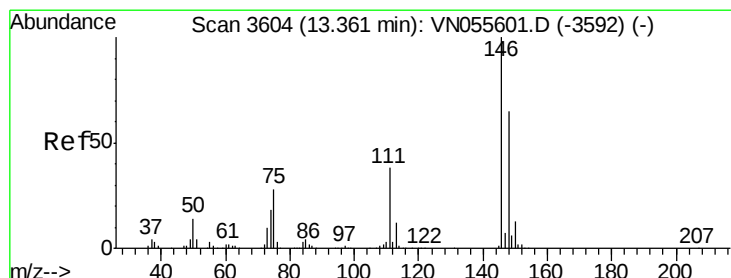
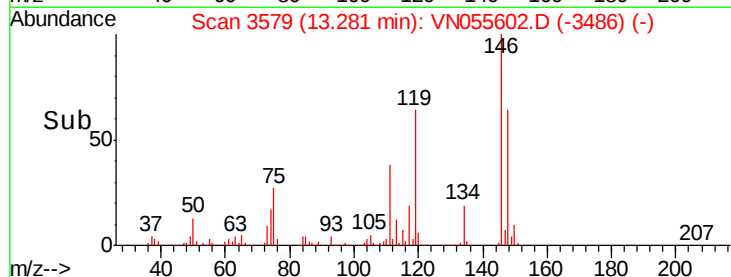
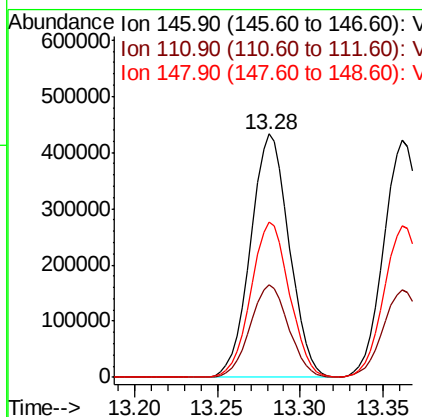
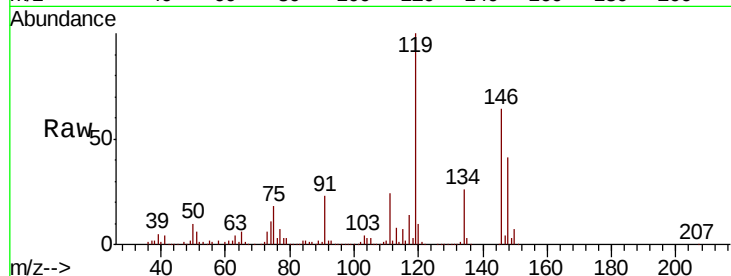




#87
 1,3-Dichlorobenzene
 Concen: 98.442 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

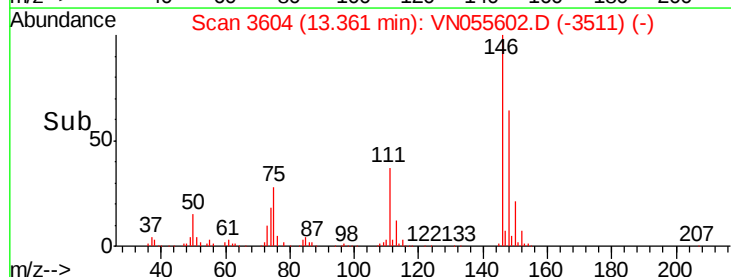
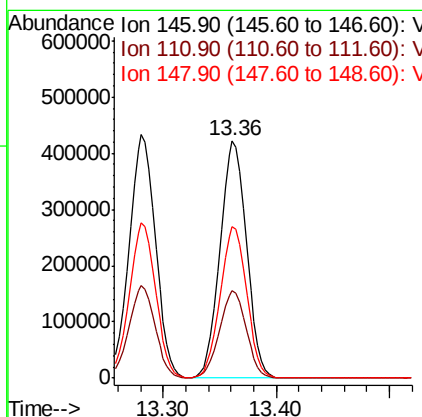
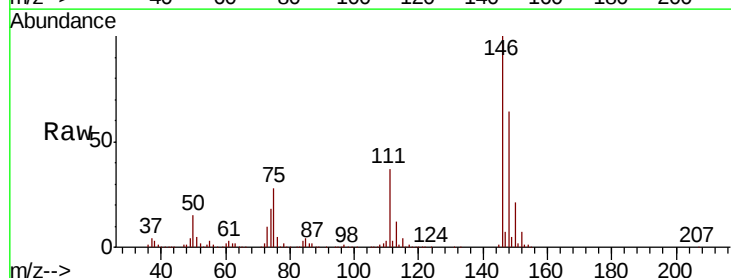
Instrument :
 MSVOA_N
 ClientSampled :

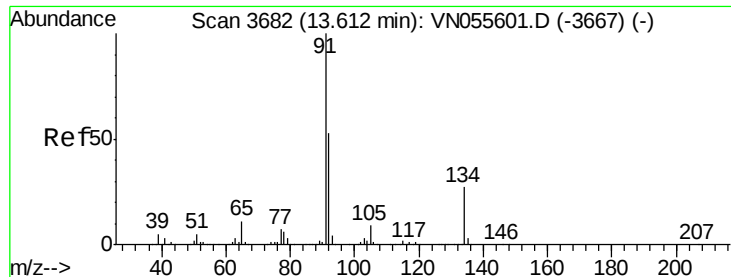
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	63.8	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 96.492 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.8	56.4
148	63.8	32.4	97.0

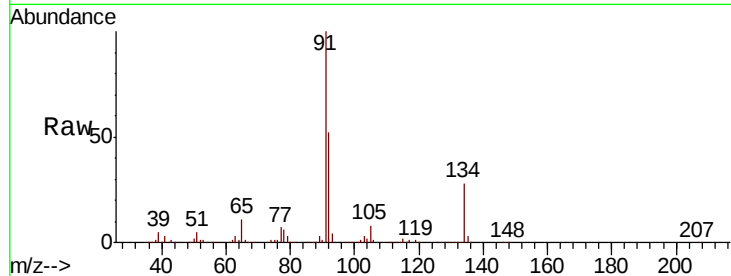




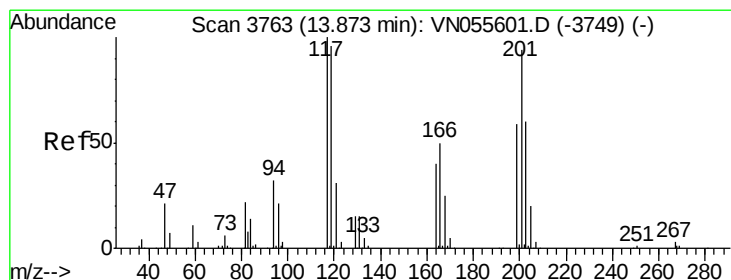
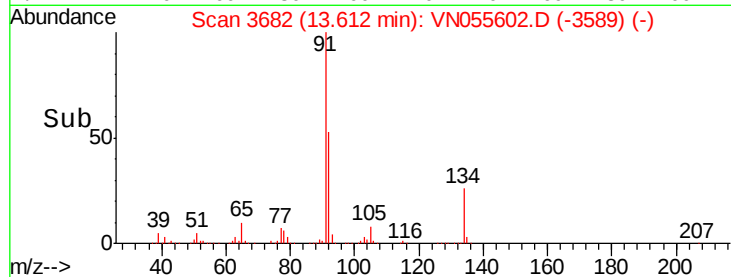
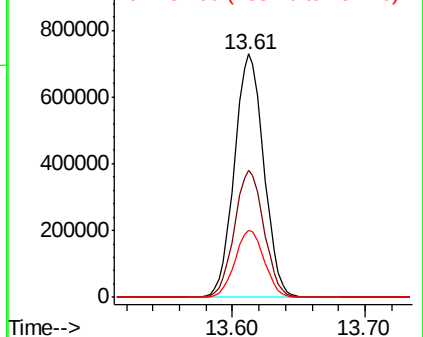
#89
n-Butylbenzene
Concen: 102.981 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 1117845
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.0
134 27.4 13.7 41.1

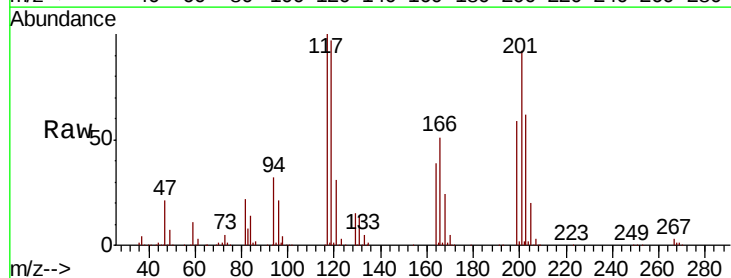


Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3667) (-)
Ion 92.00 (91.70 to 92.70): VN055601.D (-3667) (-)
Ion 134.00 (133.70 to 134.70): VN055601.D (-3667) (-)

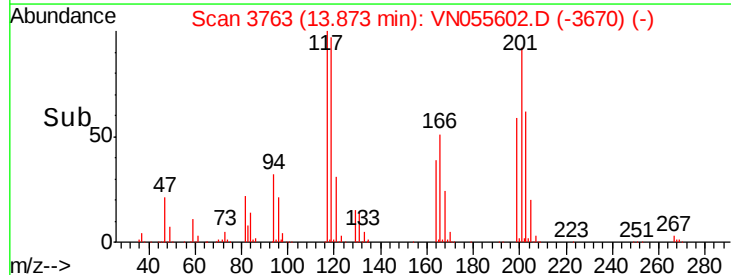
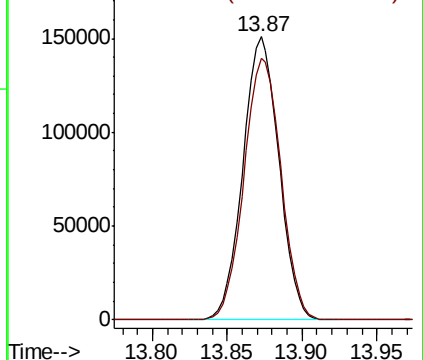


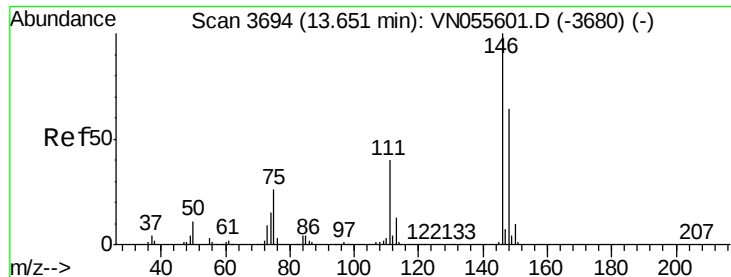
#90
Hexachloroethane
Concen: 98.205 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN055602.D
Acq: 17 May 2019 11:03

Tgt Ion: 117 Resp: 253166
Ion Ratio Lower Upper
117 100
201 94.7 47.1 141.3



Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN055601.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 96.379 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Instrument :

MSVOA_N

ClientSampled :

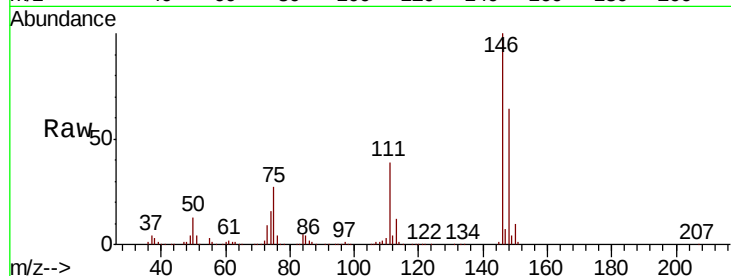
Tot Ion:146 Resp: 672210

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

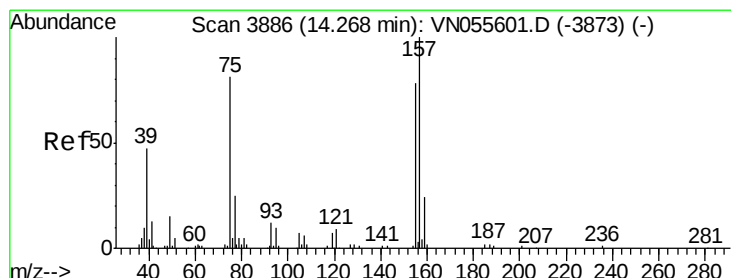
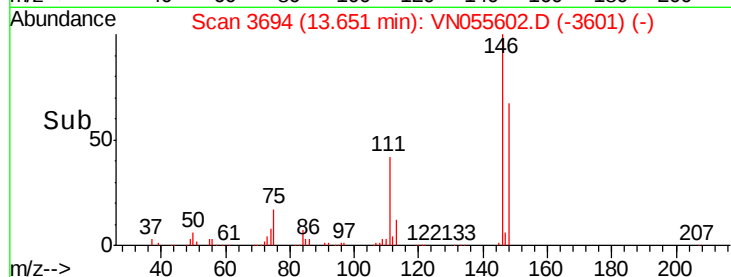
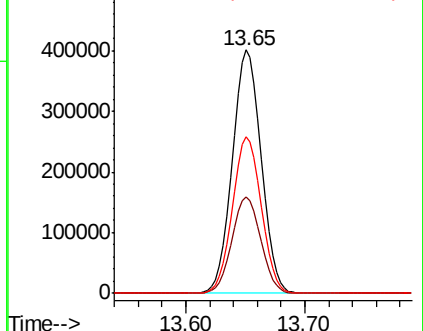
148 64.3 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 152.296 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

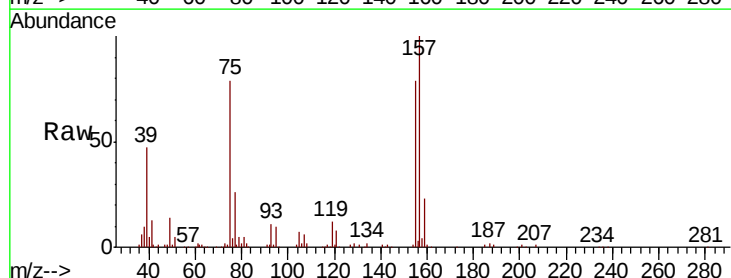
Tgt Ion: 75 Resp: 91581

Ion Ratio Lower Upper

75 100

155 99.3 48.4 145.0

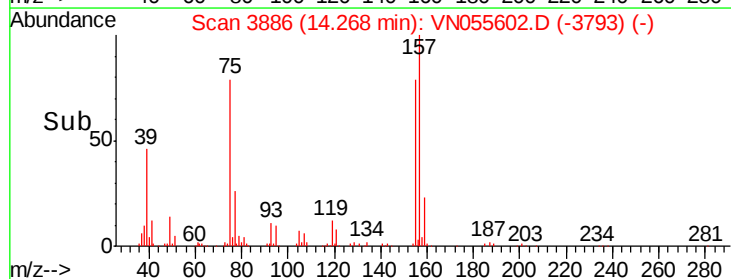
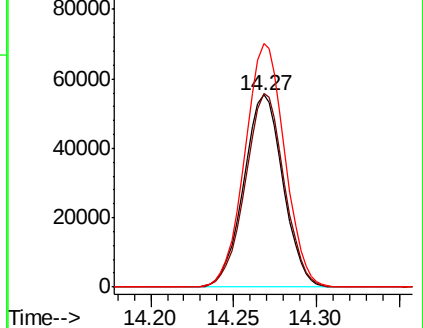
157 127.9 62.3 186.8

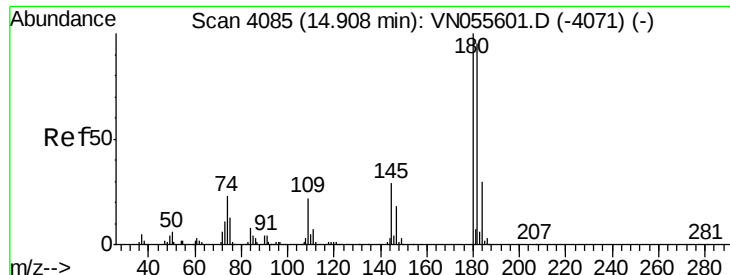


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

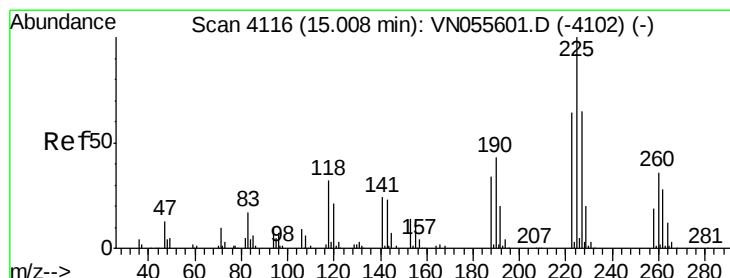
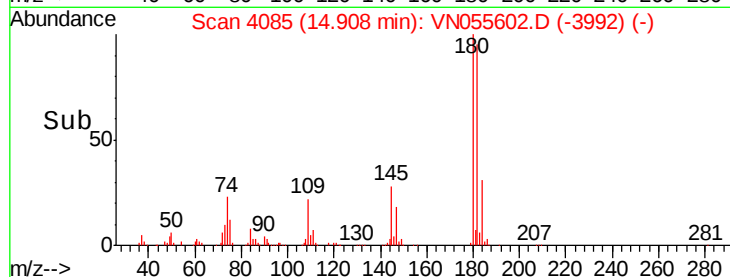
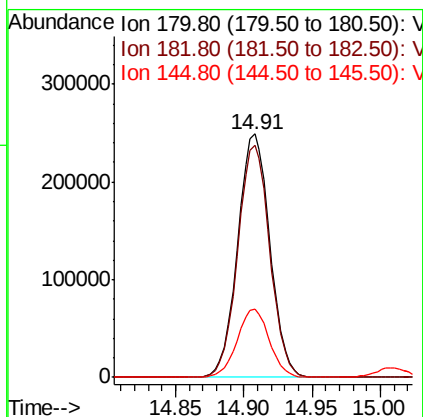
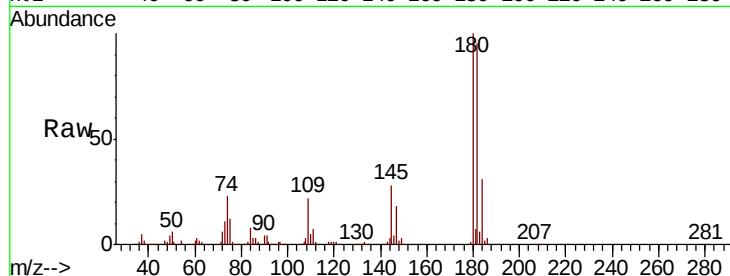




#93
 1,2,4-Trichlorobenzene
 Concen: 111.879 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

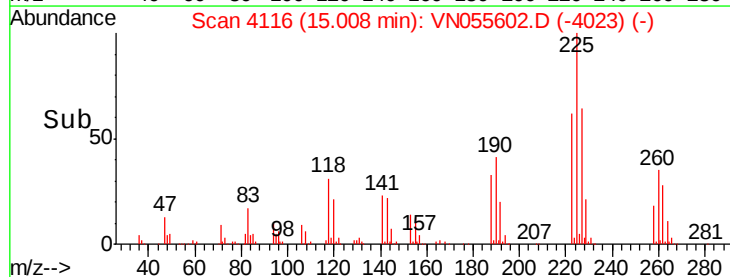
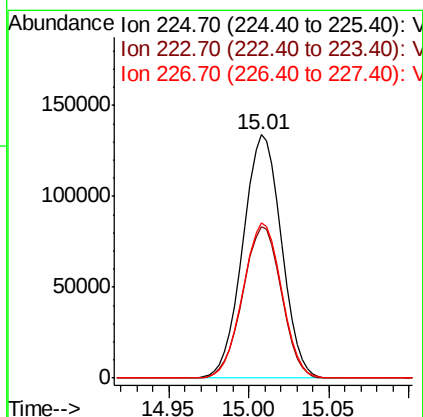
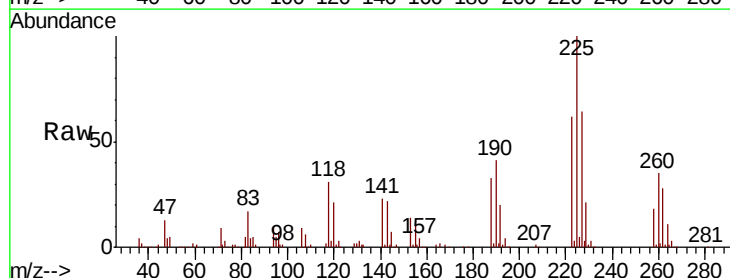
Instrument :
 MSVOA_N
 ClientSampleId :

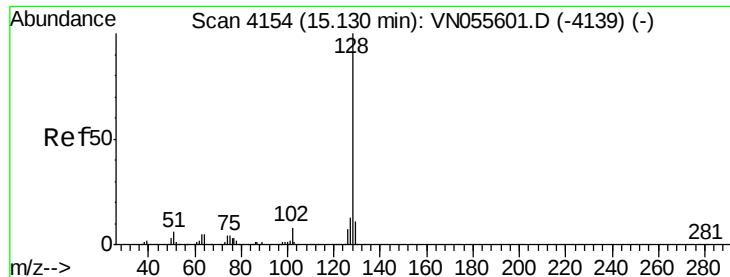
Tot Ion:180 Resp: 407826
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.6
 145 28.0 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 75.876 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN055602.D
 Acq: 17 May 2019 11:03

Tgt Ion:225 Resp: 219791
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 94.7
 227 64.2 32.4 97.0





#95

Naphthalene

Concen: 153.155 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

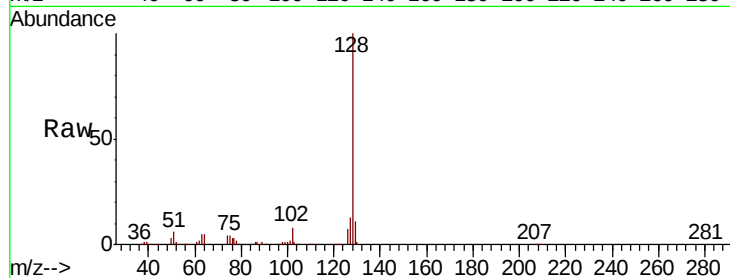
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:128 Resp: 1122241

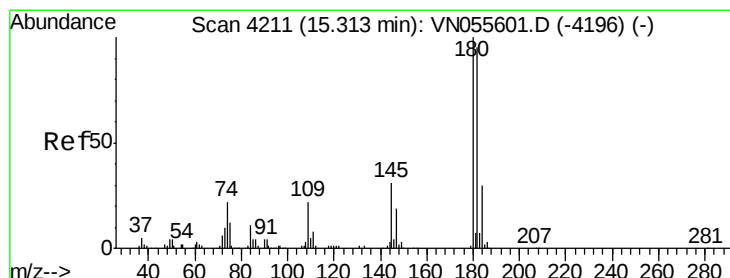
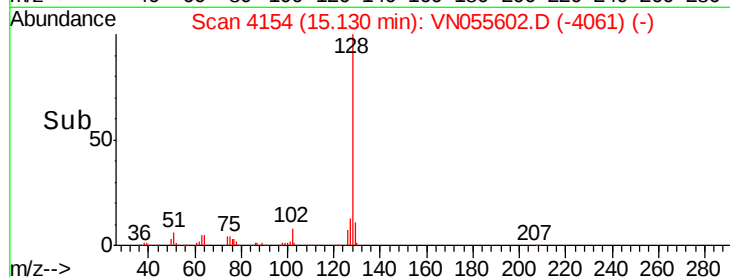
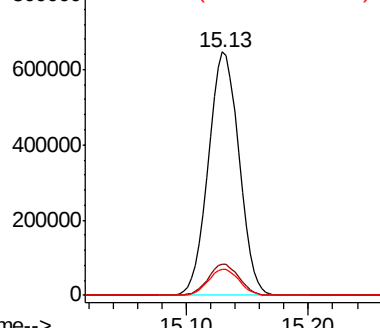
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 112.605 ug/l

RT: 15.31 min Scan# 4211

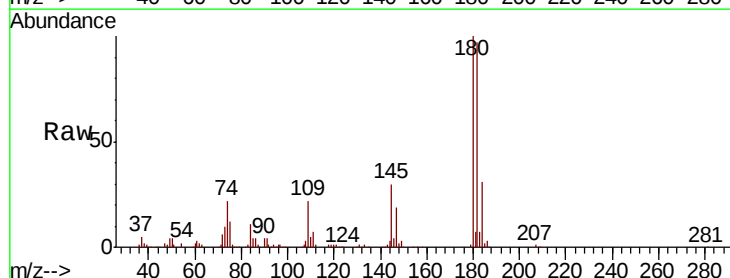
Delta R.T. -0.00 min

Lab File: VN055602.D

Acq: 17 May 2019 11:03

Tgt Ion:180 Resp: 400183

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	30.2	15.4	46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

