

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055702.D
 Acq On : 21 May 2019 12:18
 Operator : JC/SP
 Sample : VN0521MBSD01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 22 05:10:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	310086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	452539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	397109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	171678	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	156026	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
35) Dibromofluoromethane	7.59	113	146625	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
50) Toluene-d8	10.09	98	541377	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.40	95	180875	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	48796	20.452	ug/l	99
3) Chloromethane	2.06	50	65186	20.484	ug/l	99
4) Vinyl Chloride	2.18	62	72196	20.951	ug/l	98
5) Bromomethane	2.53	94	48105	21.905	ug/l	99
6) Chloroethane	2.69	64	41687	21.788	ug/l	99
7) Trichlorofluoromethane	3.02	101	97071	21.983	ug/l	100
8) Diethyl Ether	3.41	74	40481	22.820	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	60093	22.322	ug/l	98
10) Methyl Iodide	3.96	142	83143	21.423	ug/l	98
11) Tert butyl alcohol	4.77	59	71442	112.705	ug/l	98
12) 1,1-Dichloroethene	3.74	96	60320	21.300	ug/l	96
13) Acrolein	3.60	56	28308	88.434	ug/l	98
14) Allyl chloride	4.32	41	97918	21.418	ug/l	99
15) Acrylonitrile	4.98	53	160303	113.667	ug/l	100
16) Acetone	3.81	43	140855	101.541	ug/l	98
17) Carbon Disulfide	4.06	76	153439	19.491	ug/l	99
18) Methyl Acetate	4.32	43	68165	22.921	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	207998	22.202	ug/l	96
20) Methylene Chloride	4.55	84	70584	22.296	ug/l	94
21) trans-1,2-Dichloroethene	5.05	96	65543	21.727	ug/l	95
22) Diisopropyl ether	5.95	45	193973	21.412	ug/l	97
23) Vinyl Acetate	5.89	43	831099	108.120	ug/l	98
24) 1,1-Dichloroethane	5.85	63	116873	22.003	ug/l	99
25) 2-Butanone	6.83	43	211401	108.993	ug/l	99
26) 2,2-Dichloropropane	6.82	77	99696	21.148	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	78230	22.270	ug/l	95
28) Bromochloromethane	7.19	49	44303	19.172	ug/l	92
29) Tetrahydrofuran	7.21	42	138289	107.619	ug/l	97
30) Chloroform	7.37	83	121063	22.203	ug/l	98
31) Cyclohexane	7.65	56	103276	20.486	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	107174	21.915	ug/l	98
36) 1,1-Dichloropropene	7.79	75	86586	21.461	ug/l	99
37) Ethyl Acetate	6.92	43	89384	24.551	ug/l	99
38) Carbon Tetrachloride	7.77	117	95252	22.093	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	105638	21.720	ug/l	98
40) Benzene	8.04	78	273037	23.008	ug/l	100
41) Methacrylonitrile	7.21	41	122834	78.913	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	89690	23.340	ug/l	100
43) Isopropyl Acetate	8.16	43	141710	22.376	ug/l	98
44) Trichloroethene	8.84	130	78271	23.374	ug/l	96
45) 1,2-Dichloropropane	9.12	63	71048	22.726	ug/l	100
46) Dibromomethane	9.21	93	48429	23.668	ug/l	97
47) Bromodichloromethane	9.40	83	97054	22.632	ug/l	100
48) Methyl methacrylate	9.20	41	65325	23.077	ug/l	98
49) 1,4-Dioxane	9.20	88	30457	541.477	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	418300	112.601	ug/l	99
52) Toluene	10.16	92	173689	23.335	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	101193	21.924	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	113744	22.495	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	71518	23.339	ug/l	97
56) Ethyl methacrylate	10.43	69	107408	22.454	ug/l	97
57) 1,3-Dichloropropane	10.71	76	112881	23.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	172523	84.883	ug/l	97
59) 2-Hexanone	10.75	43	294162	112.470	ug/l	98
60) Dibromochloromethane	10.90	129	82650	23.798	ug/l	100
61) 1,2-Dibromoethane	11.00	107	74465	24.287	ug/l	98
64) Tetrachloroethene	10.63	164	74581	23.812	ug/l	97
65) Chlorobenzene	11.43	112	186370	23.204	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	75576	23.389	ug/l	99
67) Ethyl Benzene	11.51	91	325720	22.764	ug/l	97
68) m/p-Xylenes	11.62	106	249925	46.254	ug/l	97
69) o-Xylene	11.95	106	126290	23.896	ug/l	94
70) Styrene	11.96	104	203566	23.166	ug/l	99
71) Bromoform	12.12	173	63811	23.303	ug/l #	99
73) Isopropylbenzene	12.25	105	329057	26.165	ug/l	99
74) N-amyl acetate	12.07	43	113749	23.596	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	99296	25.380	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	120579	34.420	ug/l #	100
77) Bromobenzene	12.53	156	92183	26.145	ug/l	87
78) n-propylbenzene	12.59	91	342966	22.496	ug/l	98
79) 2-Chlorotoluene	12.67	91	211790	25.121	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	281397	26.378	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	29268	21.477	ug/l	97
82) 4-Chlorotoluene	12.77	91	201306	22.411	ug/l	98
83) tert-Butylbenzene	12.99	119	245094	26.770	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	272002	25.618	ug/l	100
85) sec-Butylbenzene	13.17	105	309809	25.965	ug/l	99
86) p-Isopropyltoluene	13.29	119	286204	25.942	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	139727	23.969	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	129332	23.235	ug/l	99
89) n-Butylbenzene	13.61	91	216777	23.011	ug/l	99
90) Hexachloroethane	13.87	117	53312	25.033	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	137887	23.728	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	18151	23.297	ug/l	91

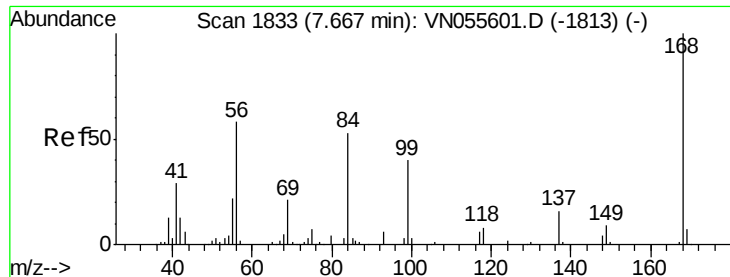
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN052119\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	66650	22.532	ug/l	98
94) Hexachlorobutadiene	15.01	225	50368	26.863	ug/l	98
95) Naphthalene	15.13	128	194563	22.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	70648	22.842	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

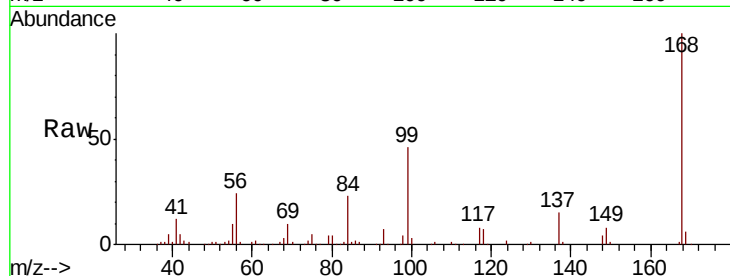
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 310086

Ion Ratio Lower Upper

168 100

99 45.7 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

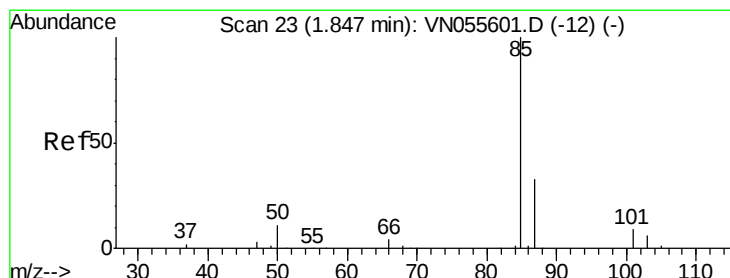
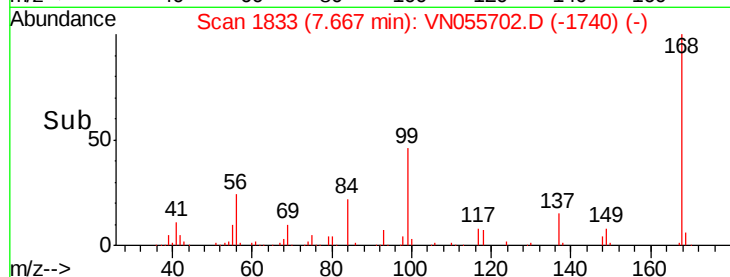
100000

50000

0

Time-->

7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 20.452 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055702.D

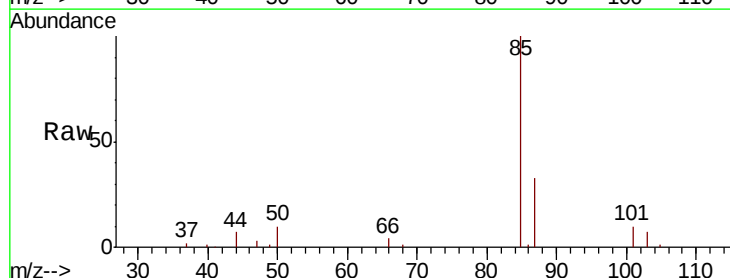
Acq: 21 May 2019 12:18

Tgt Ion: 85 Resp: 48796

Ion Ratio Lower Upper

85 100

87 32.8 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

30000

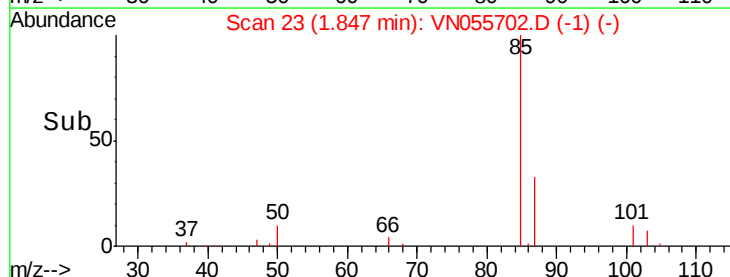
20000

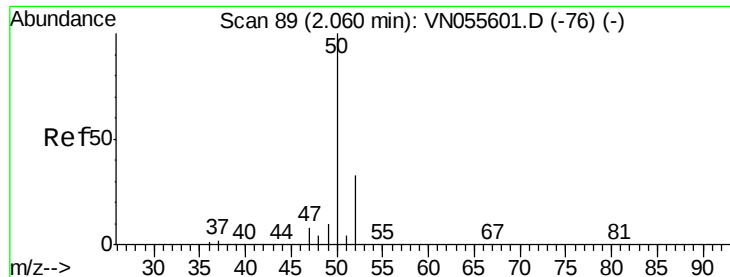
10000

0

Time-->

1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 20.484 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

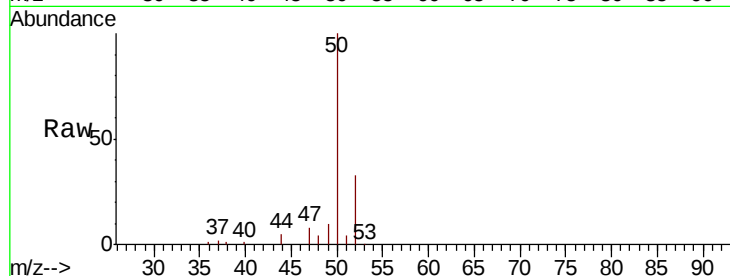
ClientSampled :

Tot Ion: 50 Resp: 65186

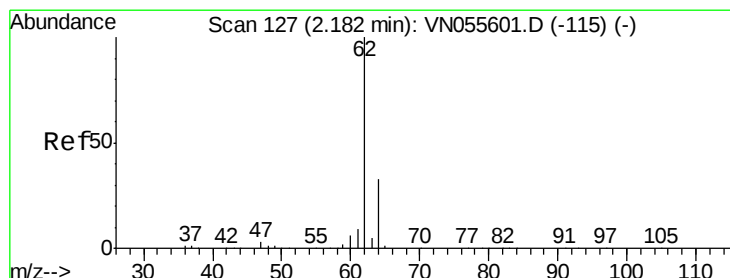
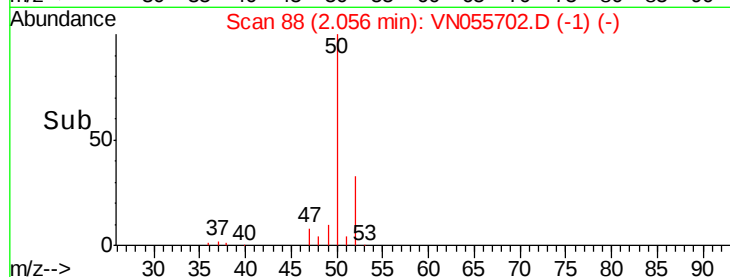
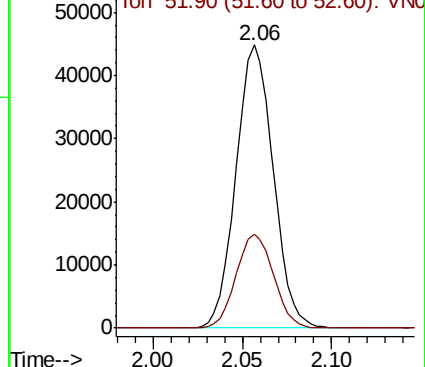
Ion Ratio Lower Upper

50 100

52 33.0 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN055702.D (-1) (-)



#4

Vinyl Chloride

Concen: 20.951 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN055702.D

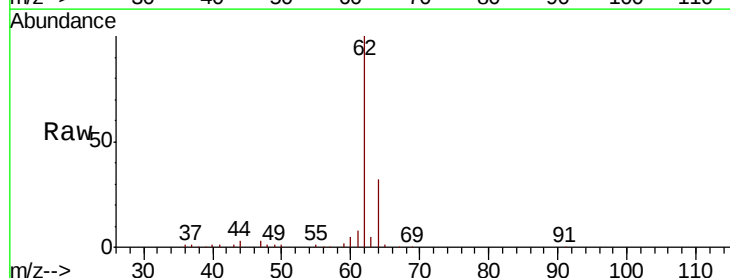
Acq: 21 May 2019 12:18

Tgt Ion: 62 Resp: 72196

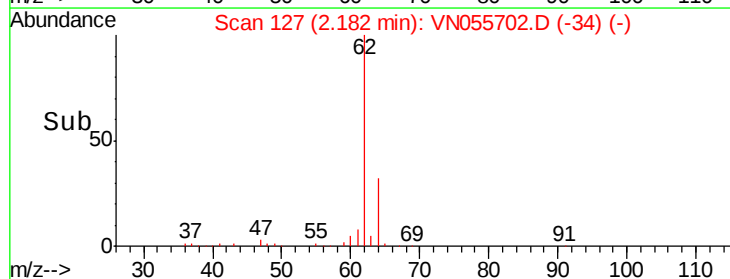
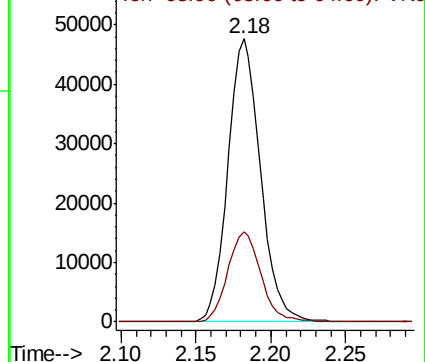
Ion Ratio Lower Upper

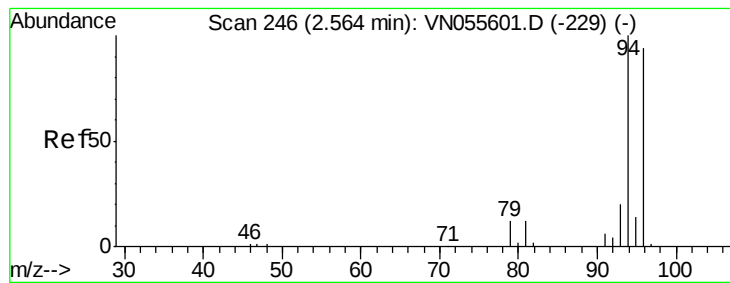
62 100

64 31.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN055702.D (-34) (-)





#5

Bromomethane

Concen: 21.905 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.03 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

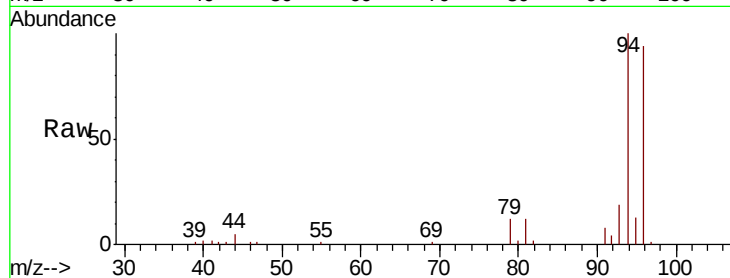
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 48105

Ion Ratio Lower Upper

94 100

96 93.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN055601.D (-229) (-)

Ion 95.90 (95.60 to 96.60): VN055601.D (-229) (-)

25000

20000

15000

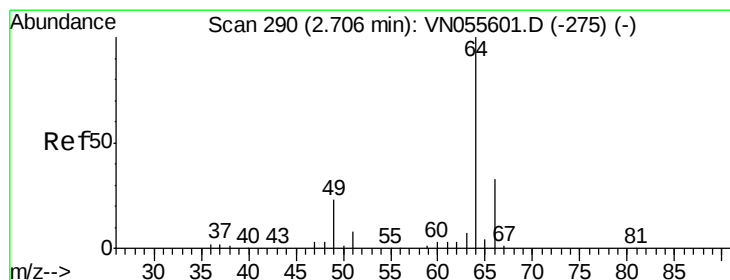
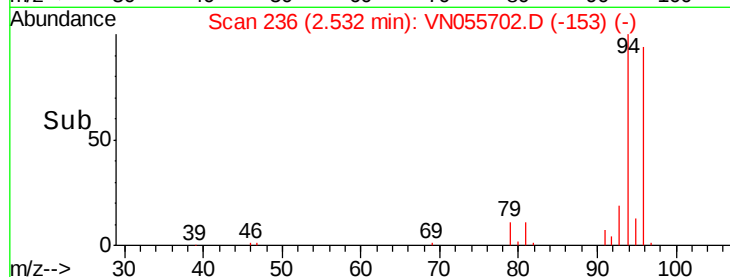
10000

5000

0

2.45 2.50 2.55 2.60

Time-->



#6

Chloroethane

Concen: 21.788 ug/l

RT: 2.69 min Scan# 285

Delta R.T. -0.02 min

Lab File: VN055702.D

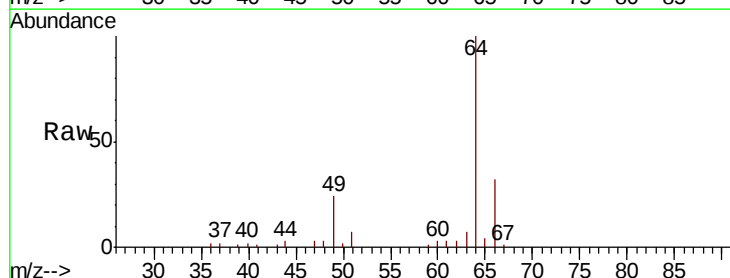
Acq: 21 May 2019 12:18

Tgt Ion: 64 Resp: 41687

Ion Ratio Lower Upper

64 100

66 32.0 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN055601.D (-275) (-)

Ion 65.90 (65.60 to 66.60): VN055601.D (-275) (-)

20000

15000

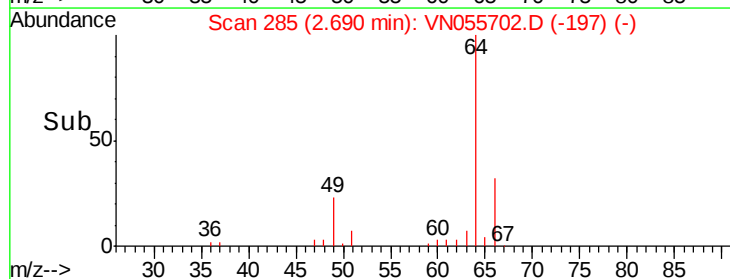
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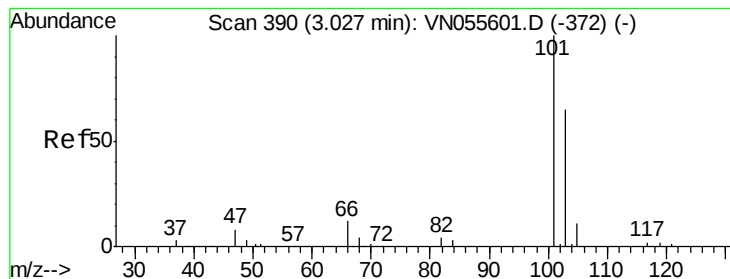
5000

0

2.60 2.70 2.80

Time-->



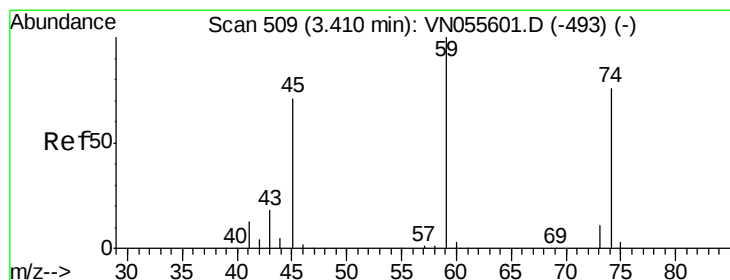
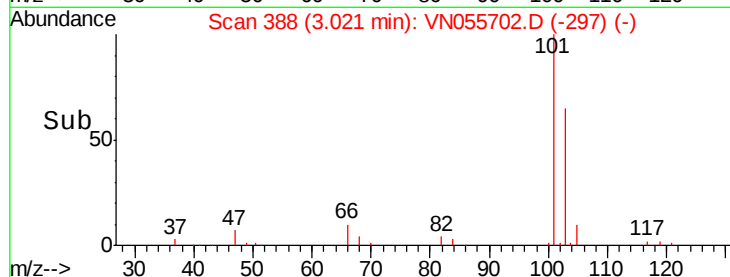
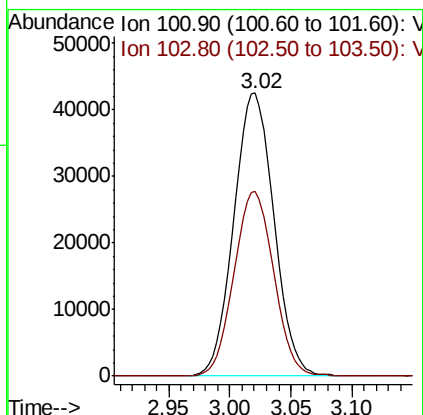
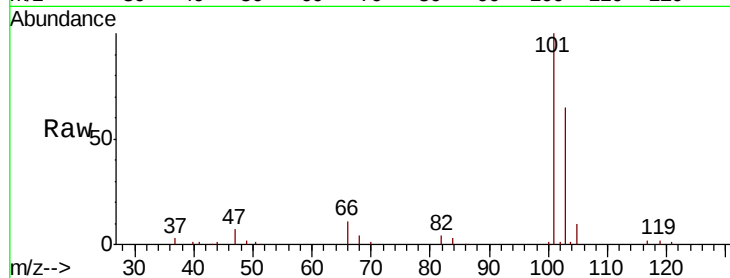


#7

Trichlorofluoromethane
 Concen: 21.983 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.01 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Instrument :
 MSVOA_N
 ClientSampled :

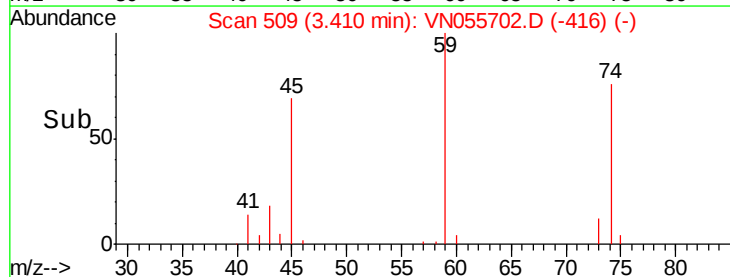
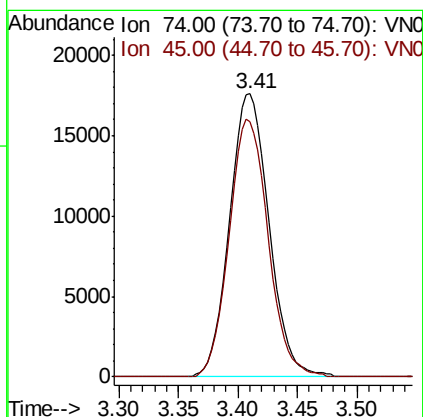
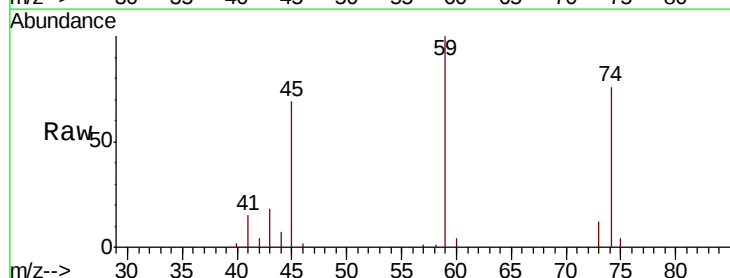
Tot Ion:101 Resp: 97071
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.3 78.5

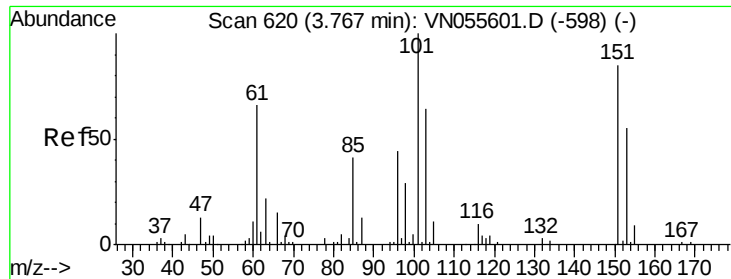


#8

Diethyl Ether
 Concen: 22.820 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Tgt Ion: 74 Resp: 40481
 Ion Ratio Lower Upper
 74 100
 45 90.1 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.322 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

ClientSampled :

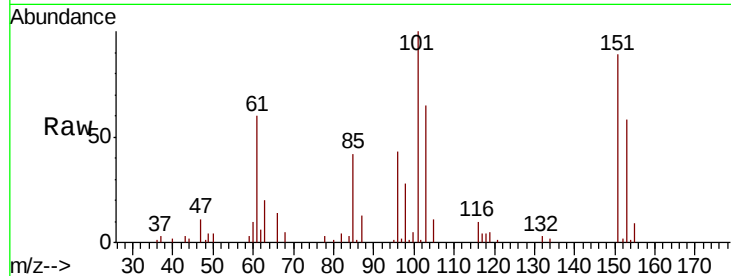
Tot Ion:101 Resp: 60093

Ion Ratio Lower Upper

101 100

85 40.5 33.4 50.0

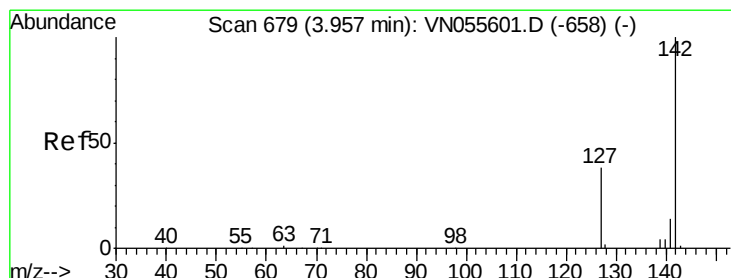
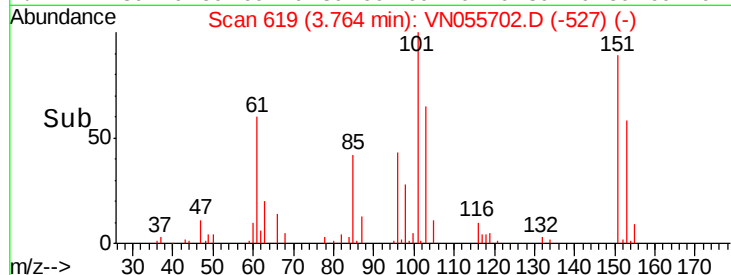
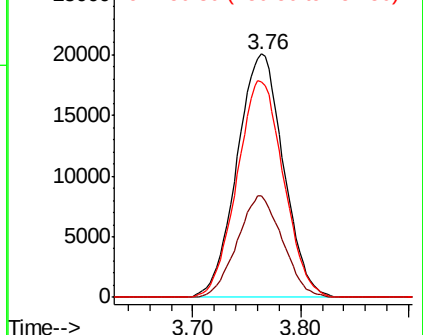
151 89.1 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.423 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

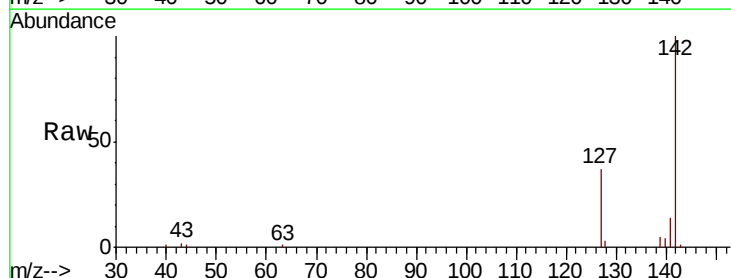
Tgt Ion:142 Resp: 83143

Ion Ratio Lower Upper

142 100

127 37.6 31.0 46.4

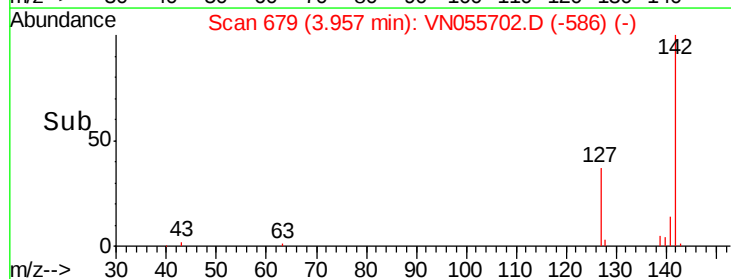
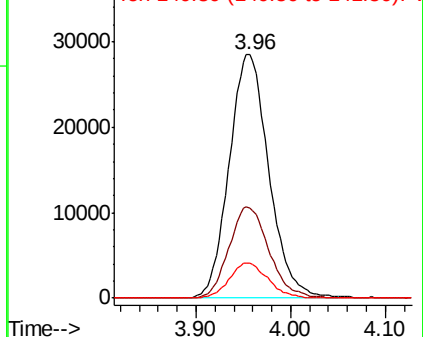
141 13.9 11.5 17.3

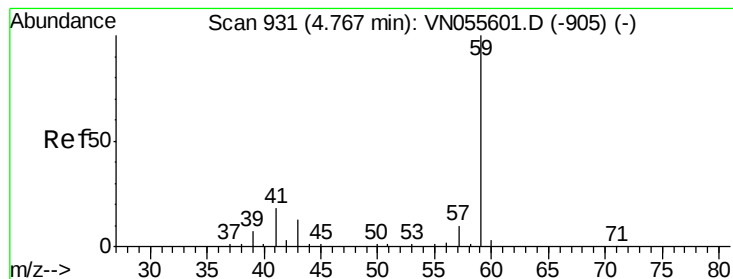


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



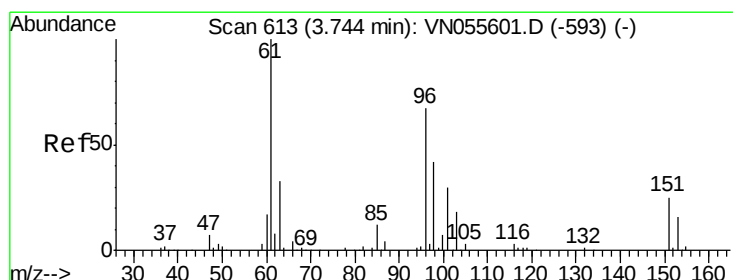
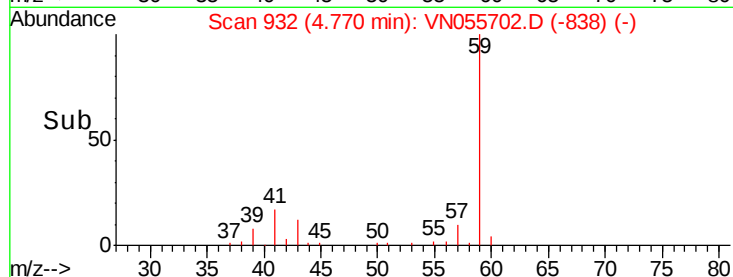
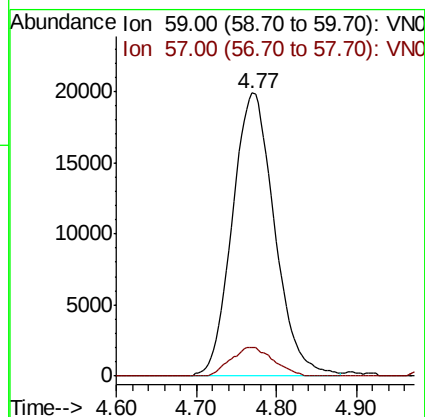
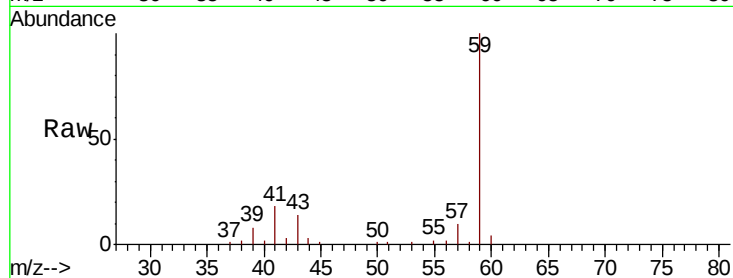


#11

Tert butyl alcohol
 Concen: 112.705 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Instrument :
 MSVOA_N
 ClientSampled :

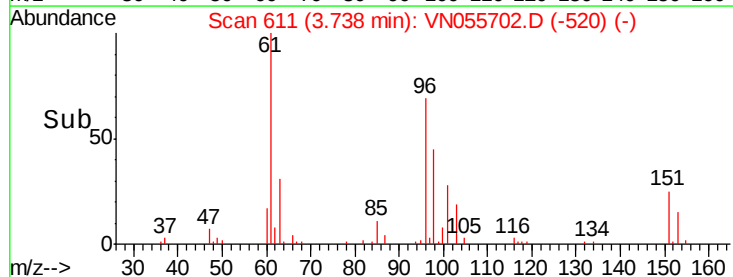
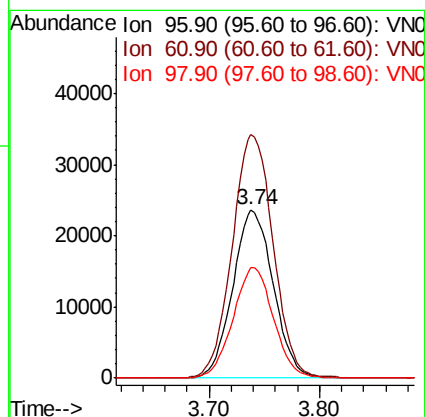
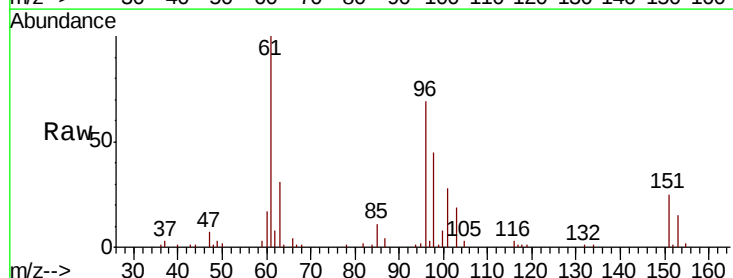
Tot Ion: 59 Resp: 71442
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.6

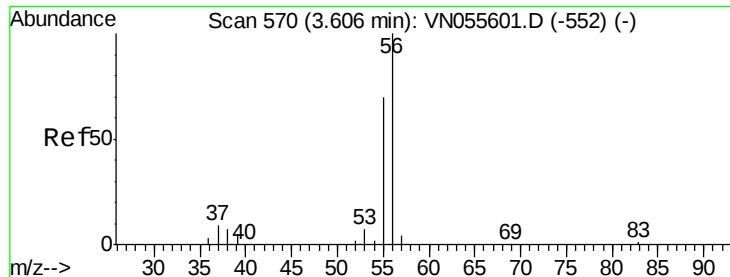


#12

1,1-Dichloroethene
 Concen: 21.300 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Tgt Ion: 96 Resp: 60320
 Ion Ratio Lower Upper
 96 100
 61 144.6 120.2 180.2
 98 65.6 50.6 75.8





#13

Acrolein

Concen: 88.434 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

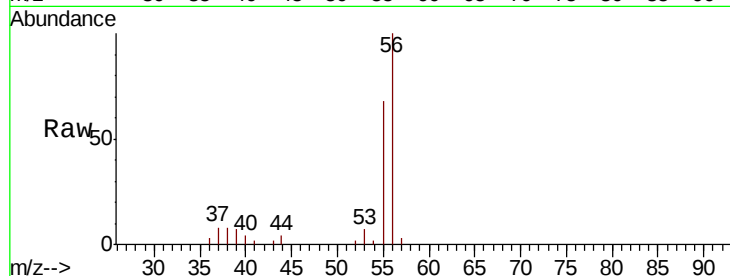
ClientSampleId :

Tot Ion: 56 Resp: 28308

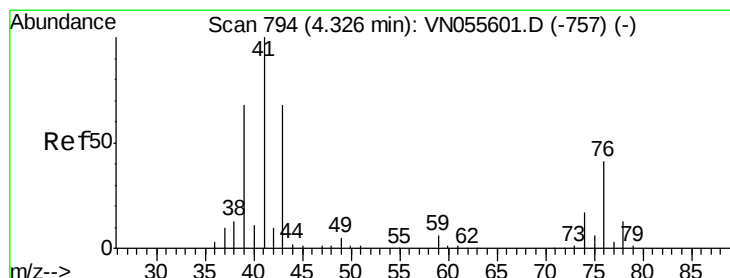
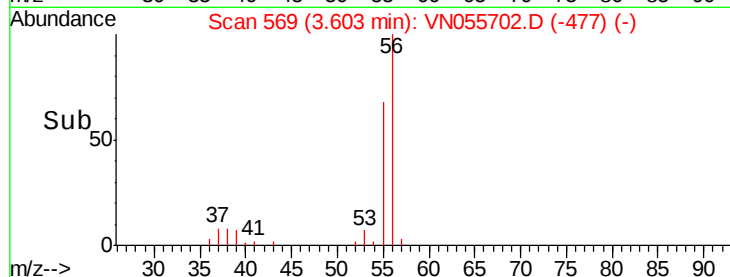
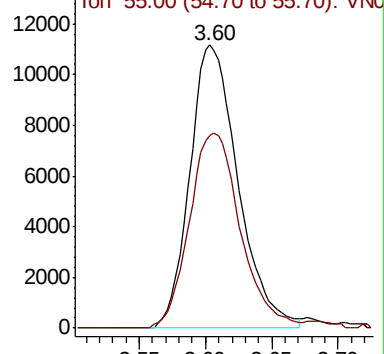
Ion Ratio Lower Upper

56 100

55 72.6 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN055702.D (-477) (-)



#14

Allyl chloride

Concen: 21.418 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

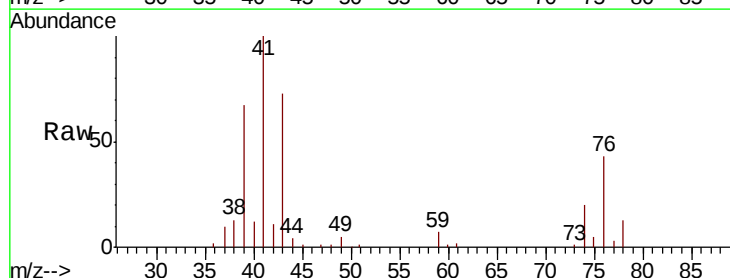
Tgt Ion: 41 Resp: 97918

Ion Ratio Lower Upper

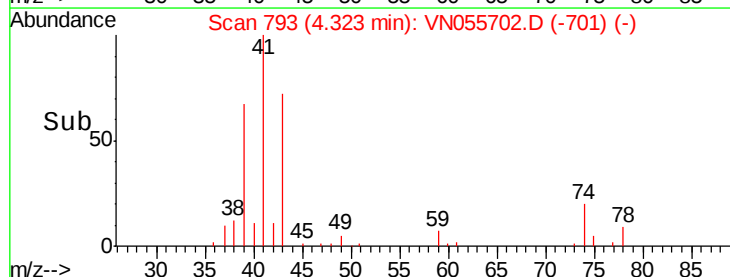
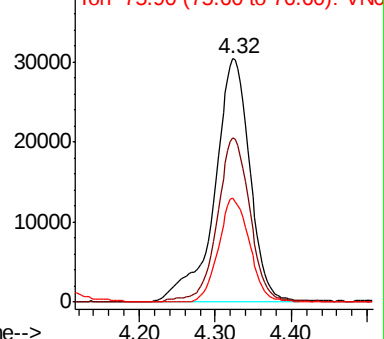
41 100

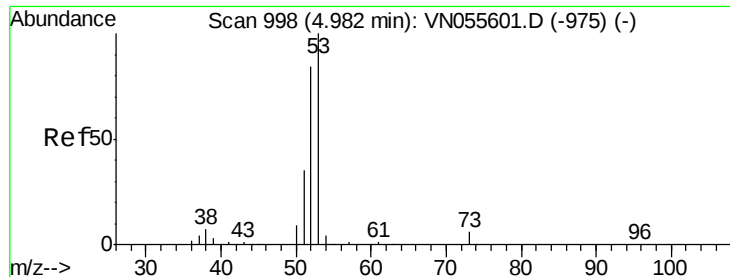
39 62.4 50.5 75.7

76 37.4 29.2 43.8



Abundance Ion 41.00 (40.70 to 41.70): VN055702.D (-701) (-)





#15

Acrylonitrile

Concen: 113.667 ug/l

RT: 4.98 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

ClientSampled :

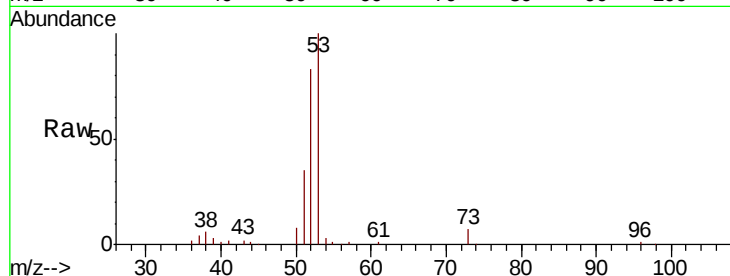
Tot Ion: 53 Resp: 160303

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.4

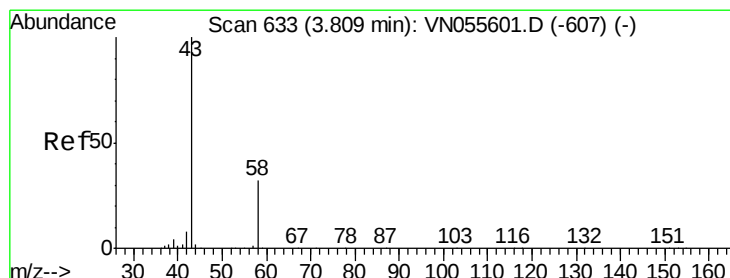
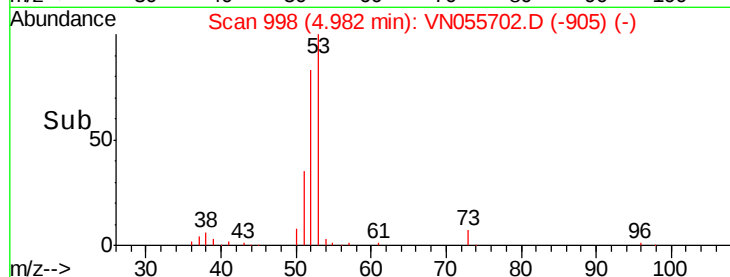
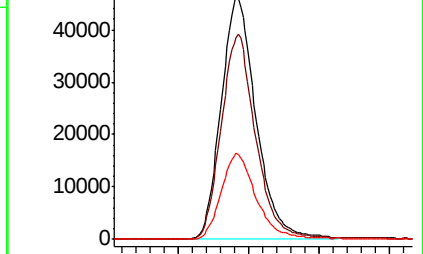
51 35.3 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN055702.D (-905) (-)

Ion 52.00 (51.70 to 52.70): VN055702.D (-905) (-)

Ion 51.00 (50.70 to 51.70): VN055702.D (-905) (-)



#16

Acetone

Concen: 101.541 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN055702.D

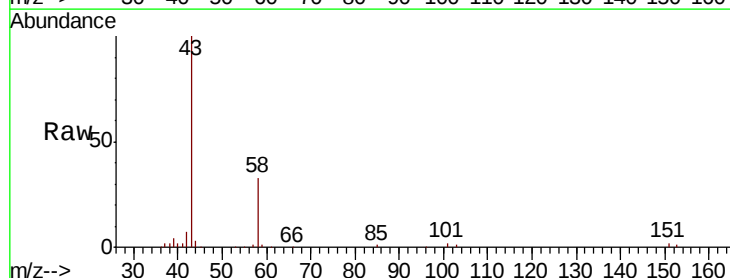
Acq: 21 May 2019 12:18

Tgt Ion: 43 Resp: 140855

Ion Ratio Lower Upper

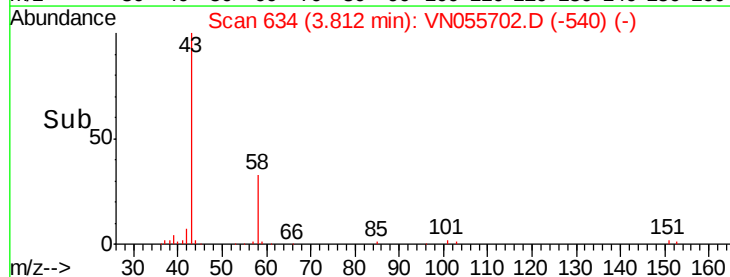
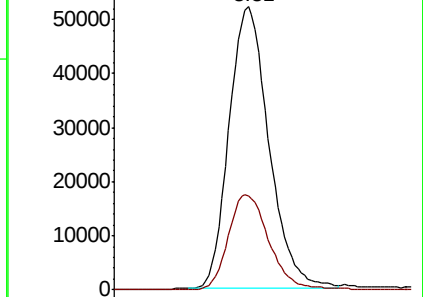
43 100

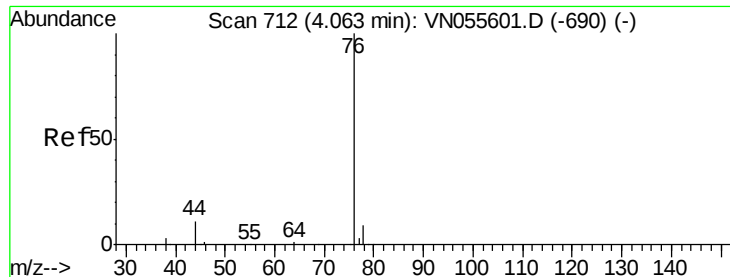
58 33.5 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055702.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN055702.D (-540) (-)

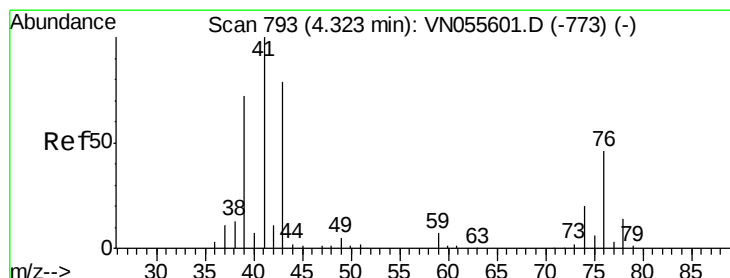
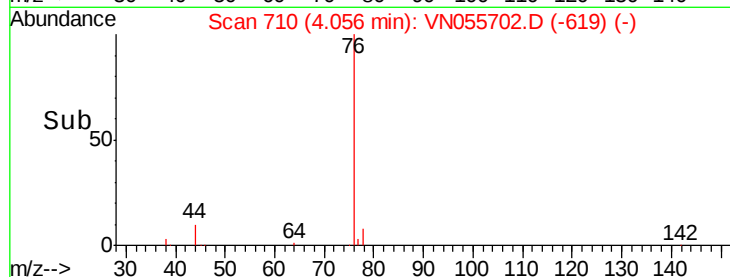
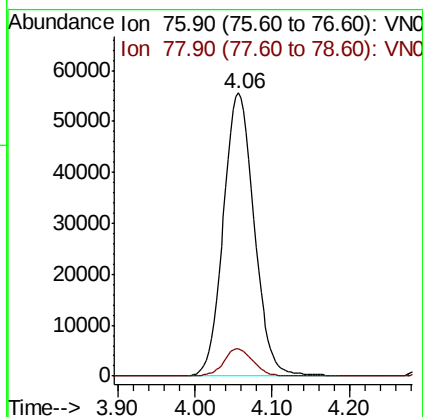
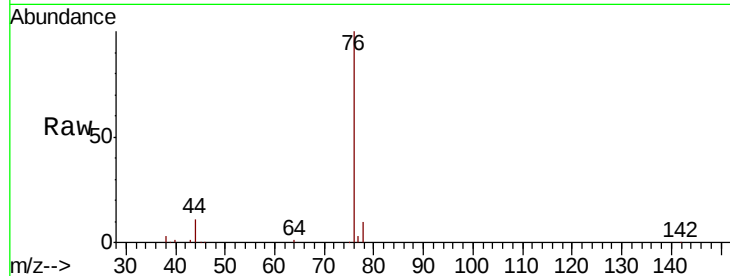




#17
Carbon Disulfide
Concen: 19.491 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.01 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

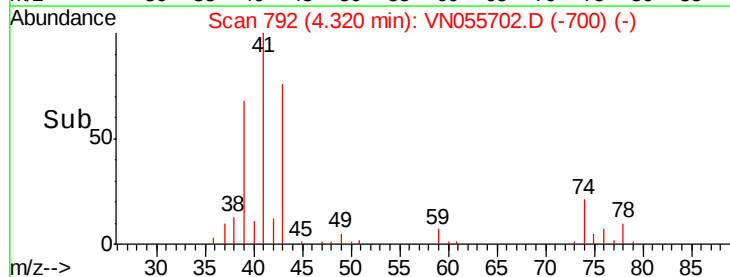
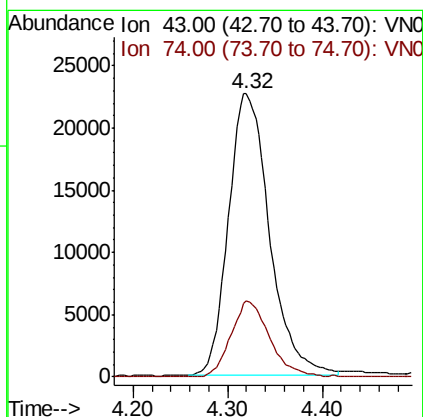
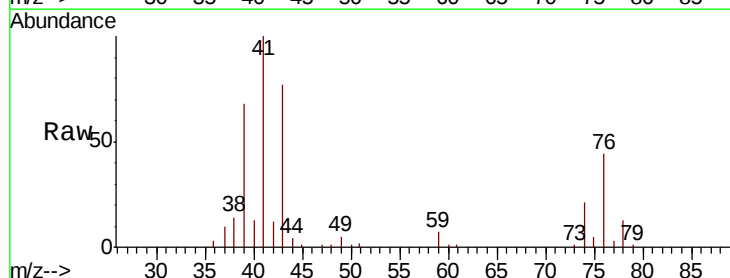
Instrument :
MSVOA_N
ClientSampleId :

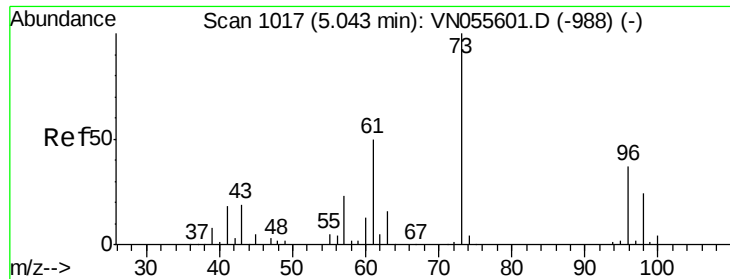
Tot Ion: 76 Resp: 153439
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 22.921 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion: 43 Resp: 68165
Ion Ratio Lower Upper
43 100
74 25.3 19.9 29.9

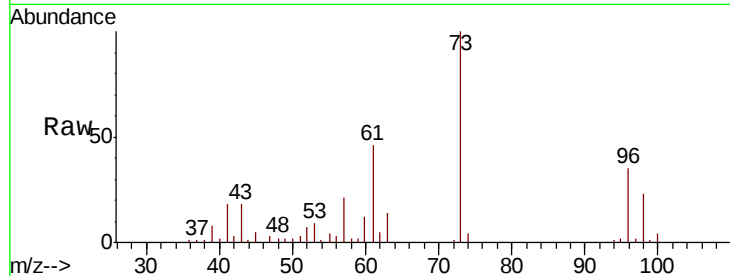




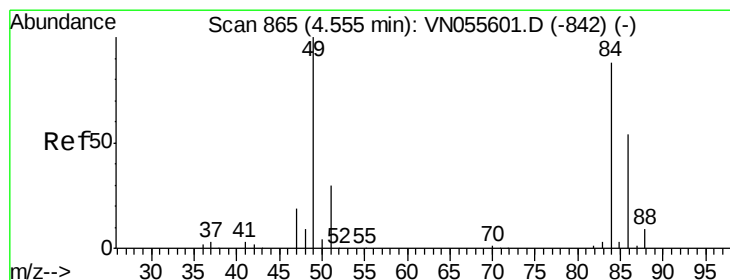
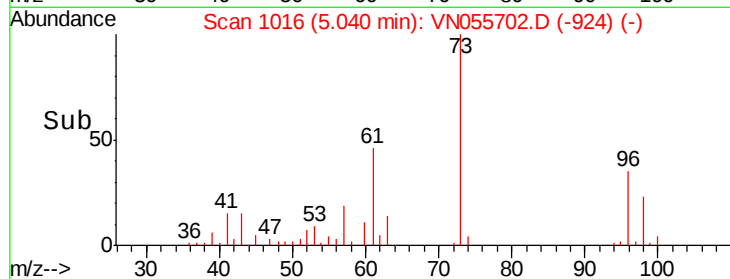
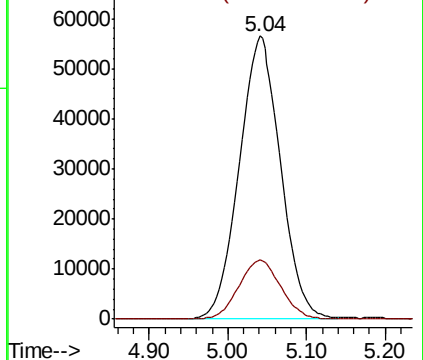
#19
Methvl tert-butvl Ether
Concen: 22.202 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 207998
Ion Ratio Lower Upper
73 100
57 20.8 18.2 27.2

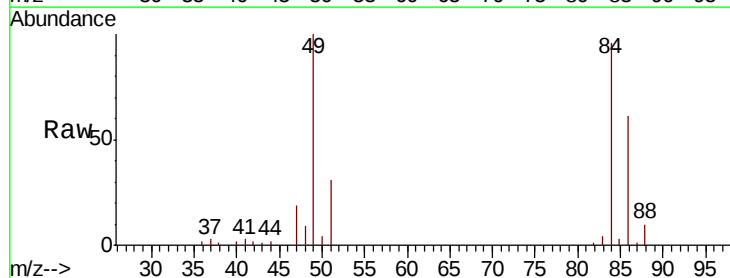


Abundance Ion 73.00 (72.70 to 73.70): VNC
Ion 57.00 (56.70 to 57.70): VNC

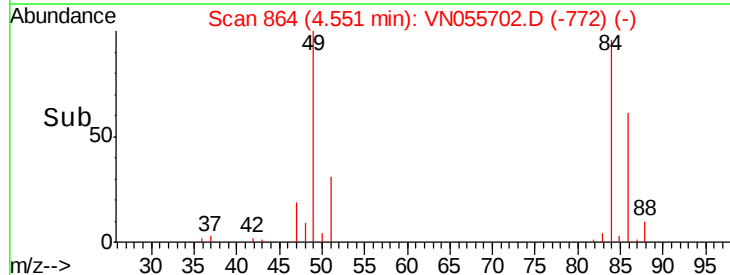
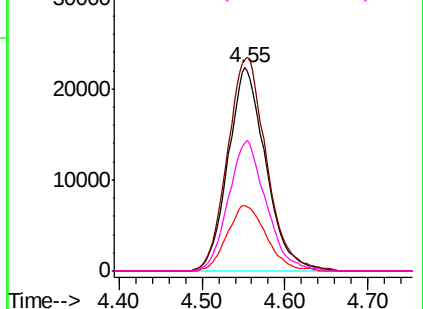


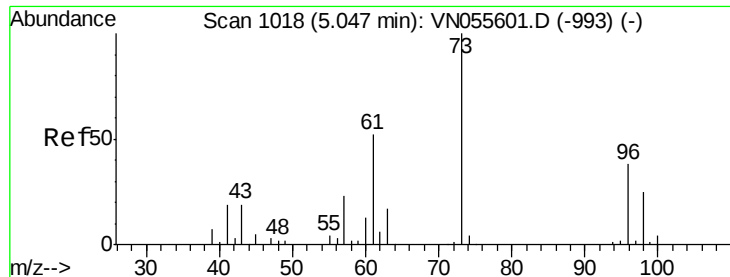
#20
Methylene Chloride
Concen: 22.296 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion: 84 Resp: 70584
Ion Ratio Lower Upper
84 100
49 104.2 91.0 136.4
51 32.2 27.5 41.3
86 63.2 49.4 74.0



Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

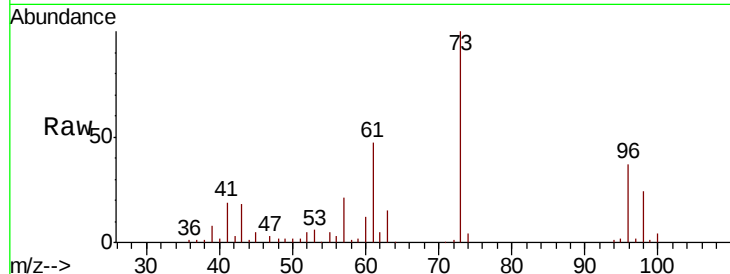




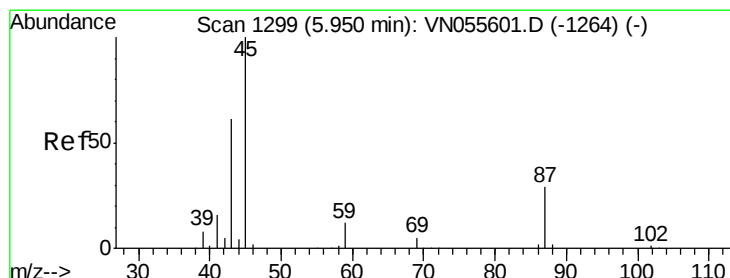
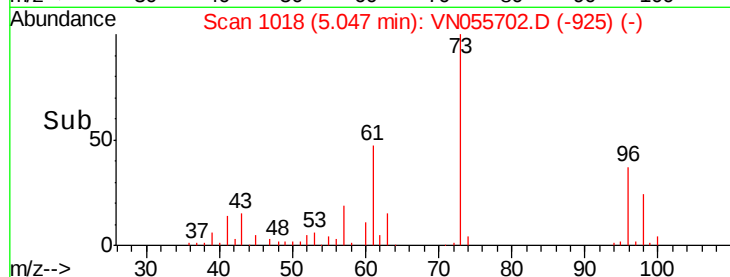
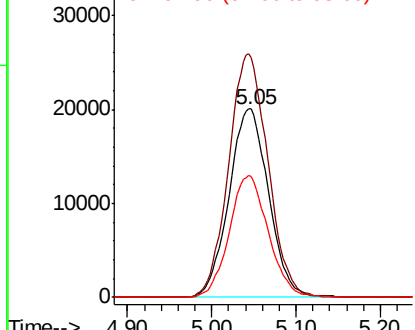
#21
trans-1,2-Dichloroethene
Concen: 21.727 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 65543
Ion Ratio Lower Upper
96 100
61 127.5 108.6 162.8
98 63.9 51.4 77.0

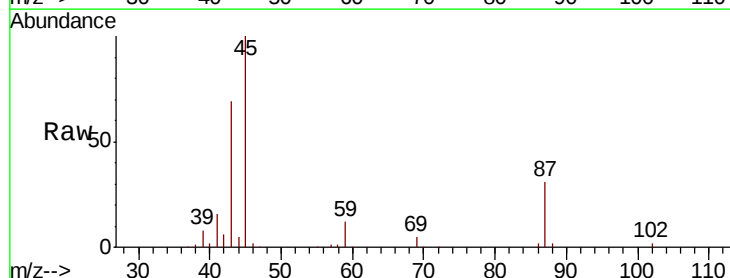


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

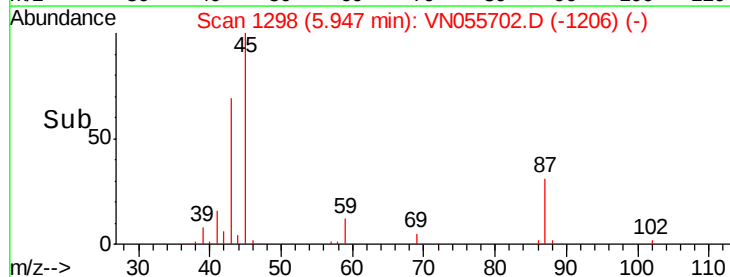
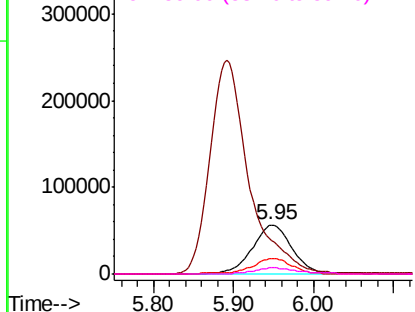


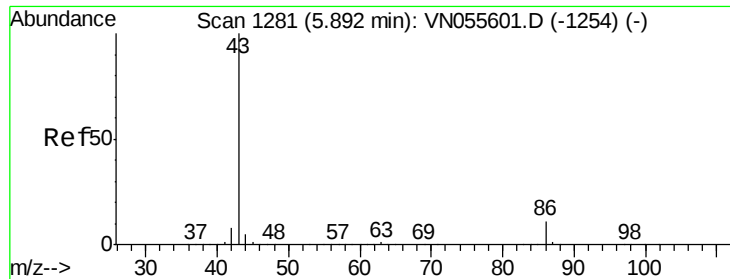
#22
Diisopropyl ether
Concen: 21.412 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion: 45 Resp: 193973
Ion Ratio Lower Upper
45 100
43 65.7 50.4 75.6
87 30.5 23.8 35.6
59 12.1 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

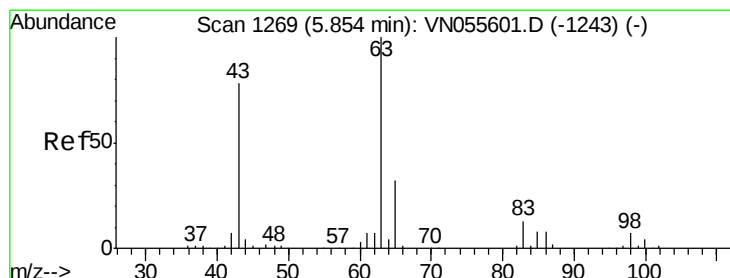
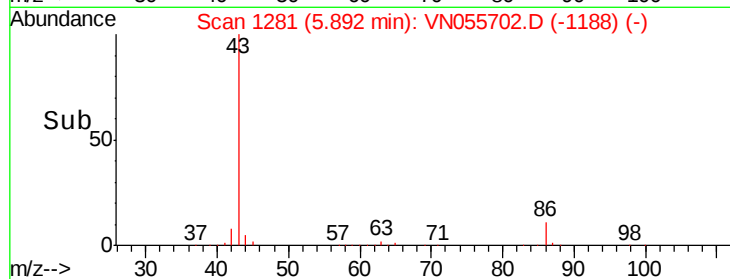
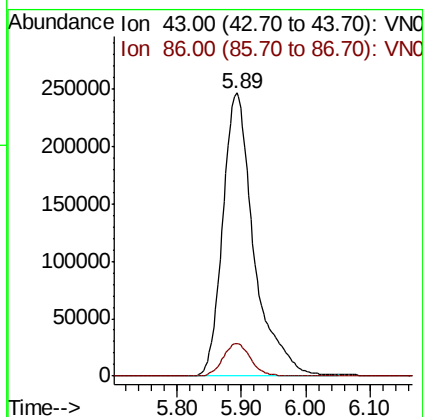
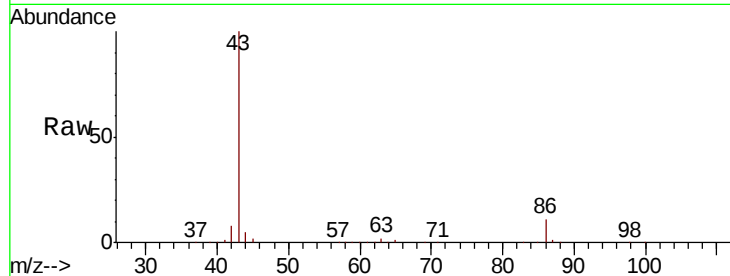




#23
 Vinyl Acetate
 Concen: 108.120 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. 0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

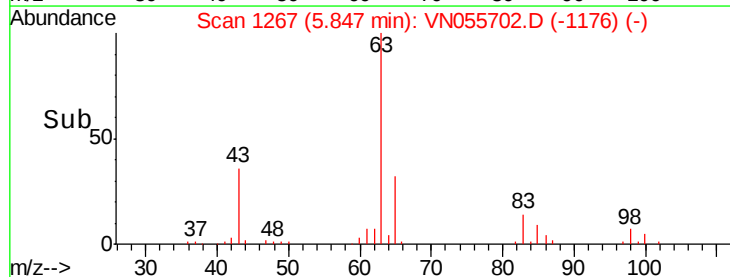
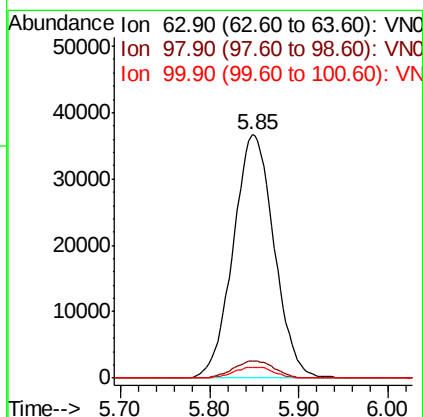
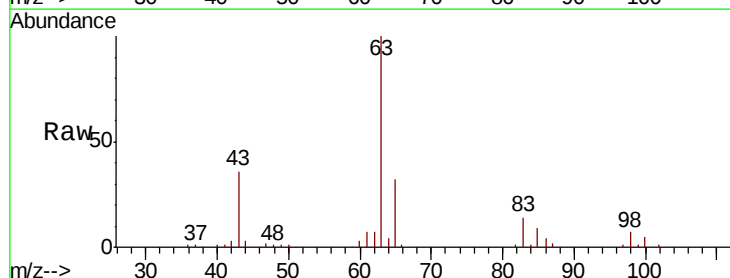
Instrument :
 MSVOA_N
 ClientSampled :

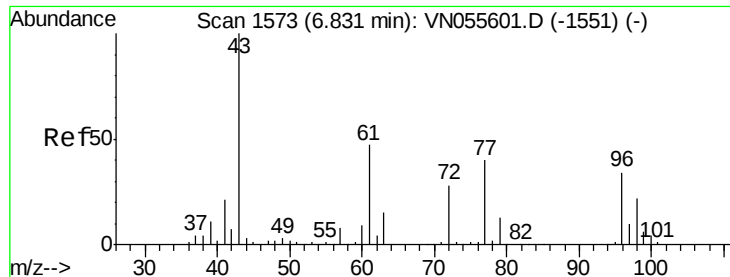
Tot Ion: 43 Resp: 831099
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 22.003 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Tgt Ion: 63 Resp: 116873
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 108.993 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

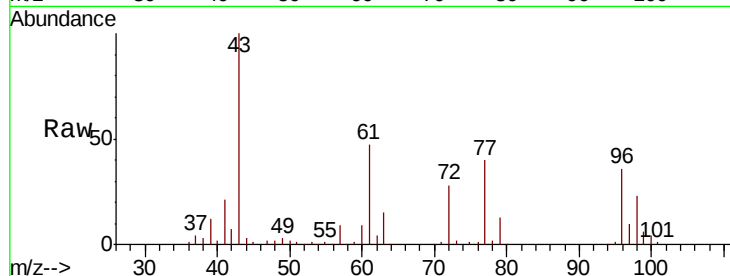
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 211401

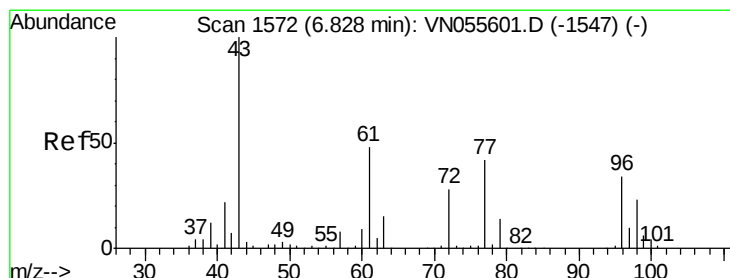
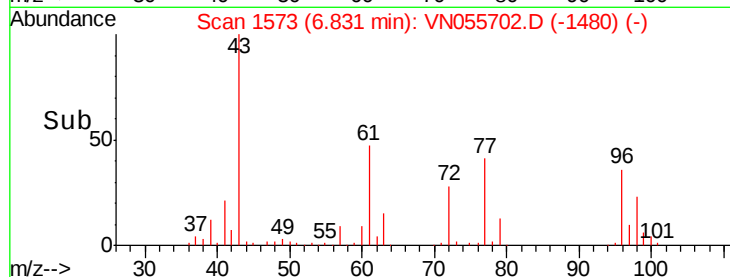
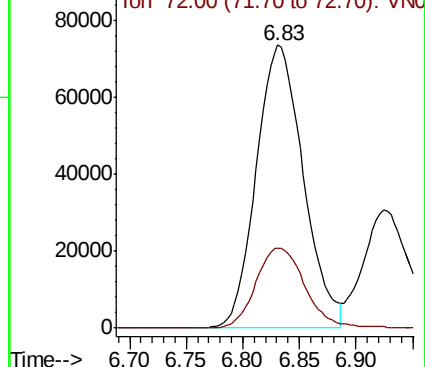
Ion Ratio Lower Upper

43 100

72 28.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN055702.D (-1480) (-)



#26

2,2-Dichloropropane

Concen: 21.148 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055702.D

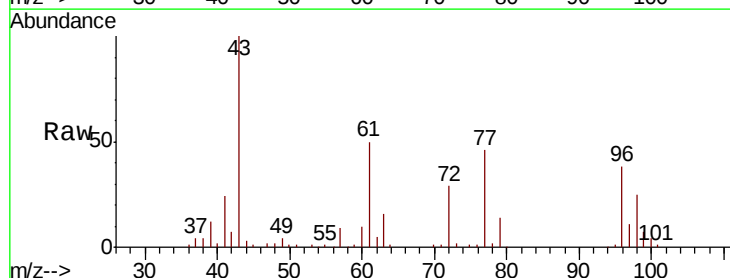
Acq: 21 May 2019 12:18

Tgt Ion: 77 Resp: 99696

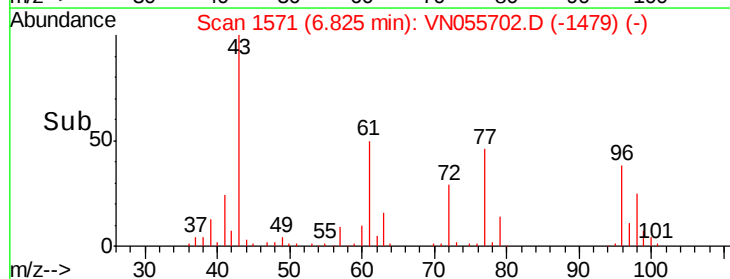
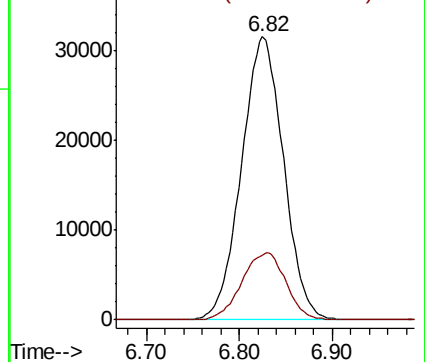
Ion Ratio Lower Upper

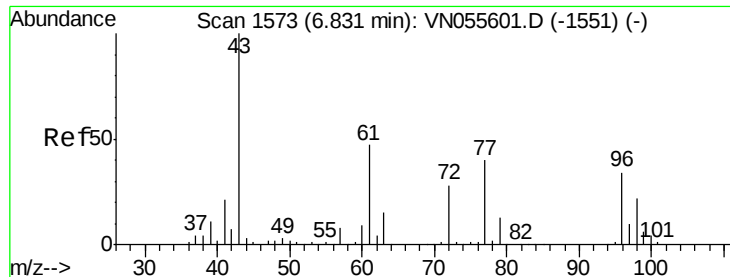
77 100

97 24.8 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VN055702.D (-1479) (-)

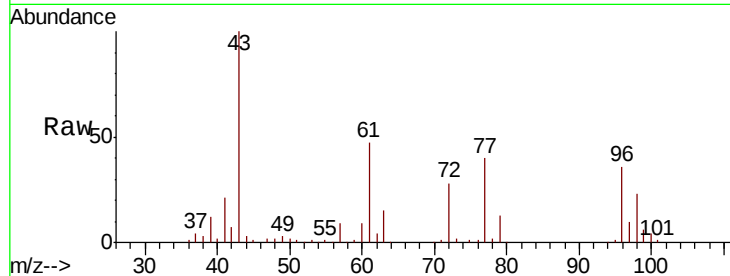




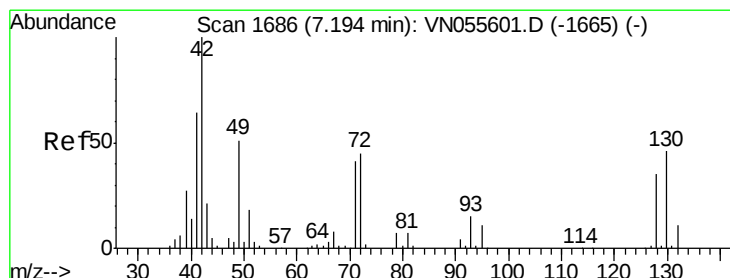
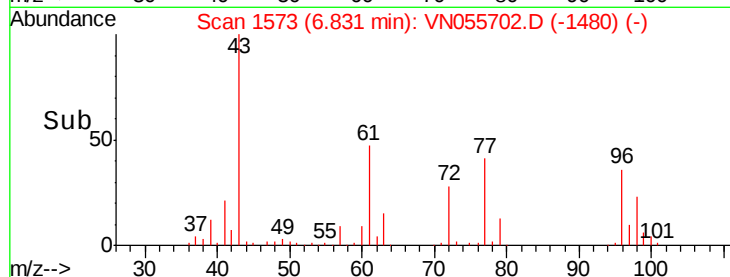
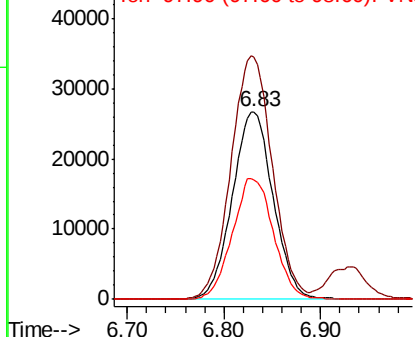
#27
 cis-1,2-Dichloroethene
 Concen: 22.270 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 96 Resp: 78230
 Ion Ratio Lower Upper
 96 100
 61 132.0 0.0 279.0
 98 64.9 0.0 131.6

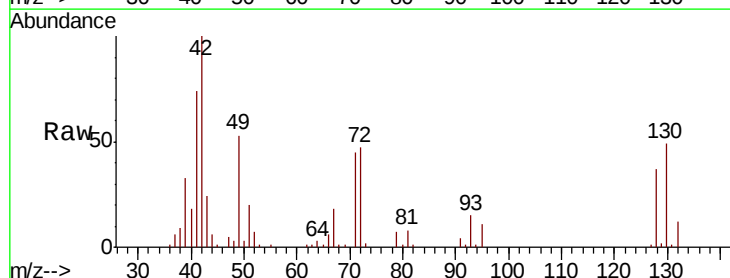


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

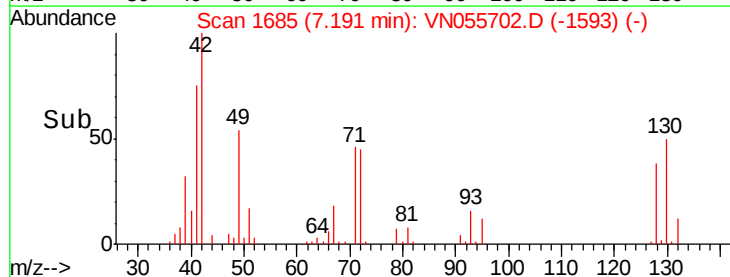
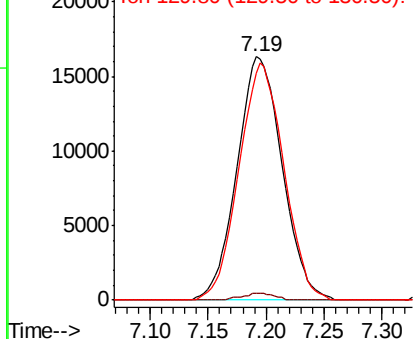


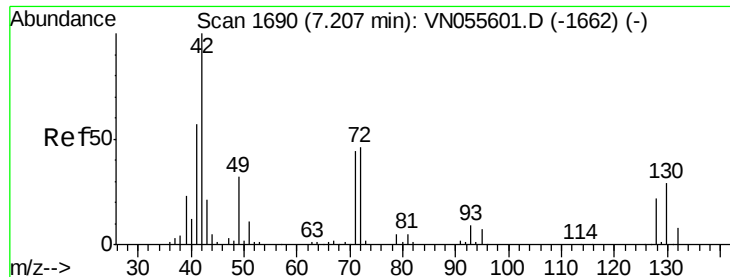
#28
 Bromochloromethane
 Concen: 19.172 ug/l
 RT: 7.19 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Tgt Ion: 49 Resp: 44303
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 96.3 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

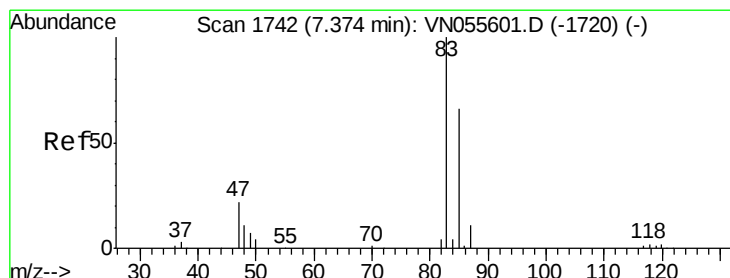
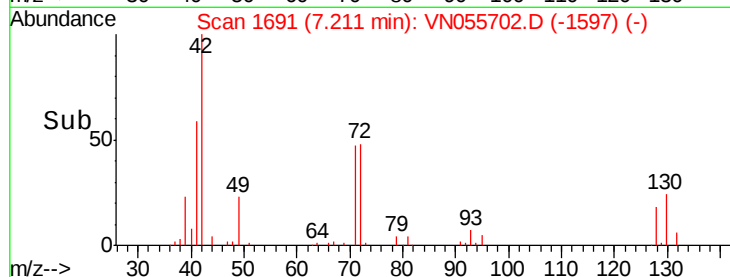
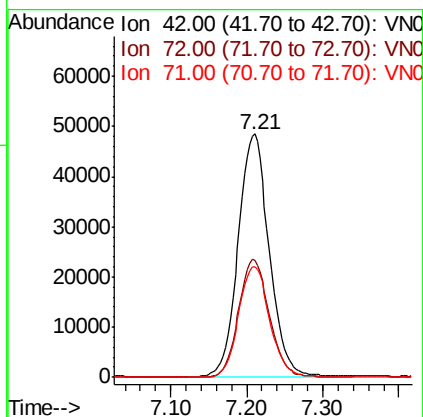
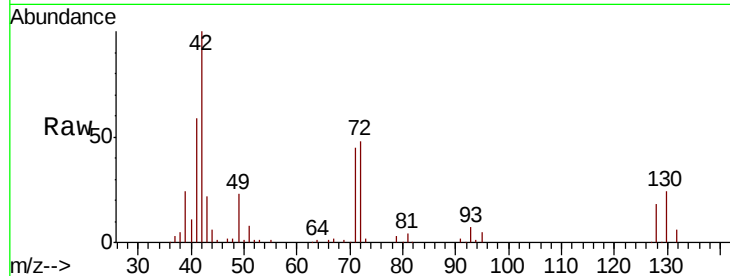




#29
Tetrahydrofuran
Concen: 107.619 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

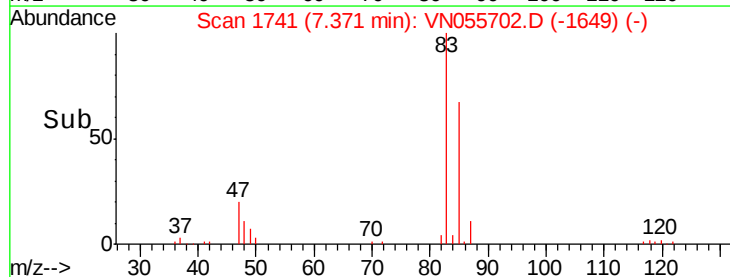
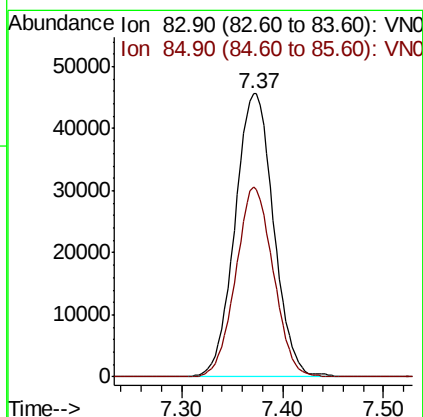
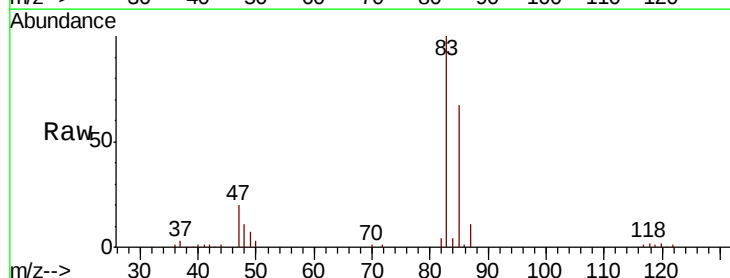
Instrument :
MSVOA_N
ClientSampleId :

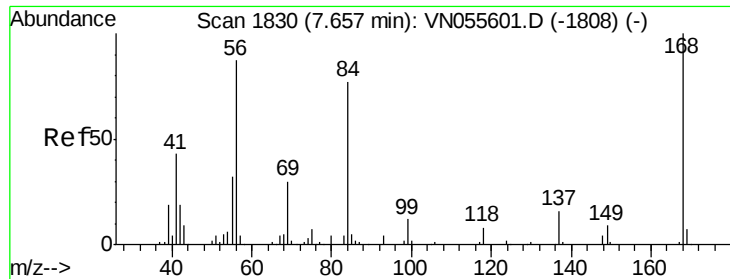
Tot Ion: 42 Resp: 138289
Ion Ratio Lower Upper
42 100
72 47.7 36.5 54.7
71 45.4 34.9 52.3



#30
Chloroform
Concen: 22.203 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion: 83 Resp: 121063
Ion Ratio Lower Upper
83 100
85 67.1 52.6 78.8

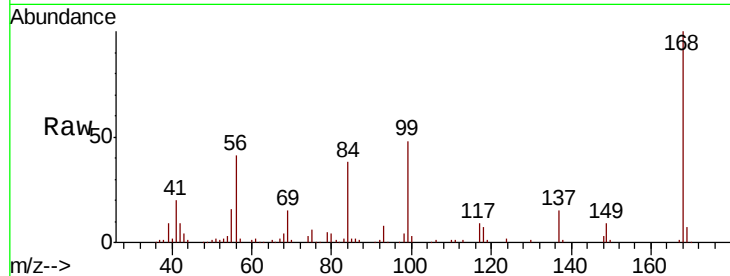




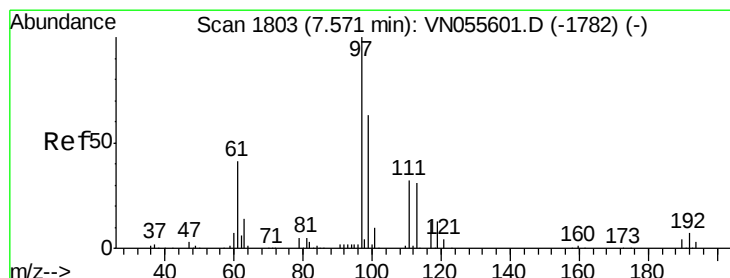
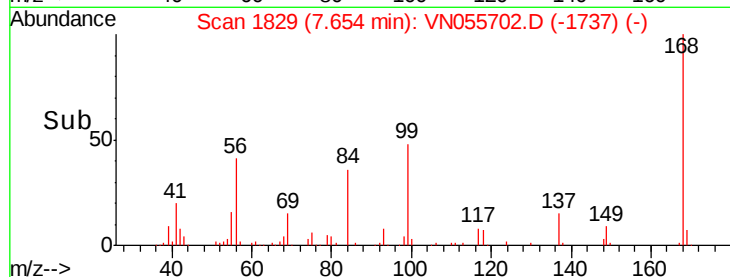
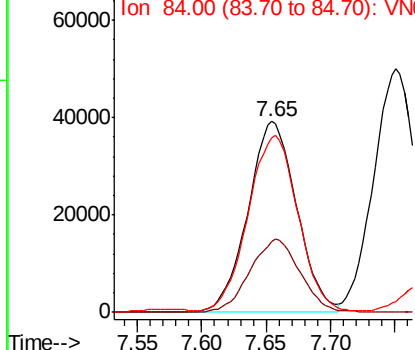
#31
Cyclohexane
Concen: 20.486 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 103276
Ion Ratio Lower Upper
56 100
69 36.9 27.2 40.8
84 90.0 71.3 106.9

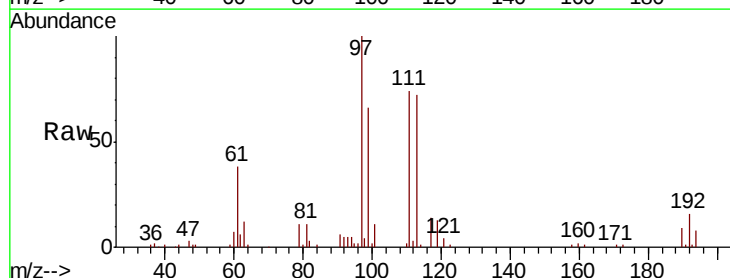


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

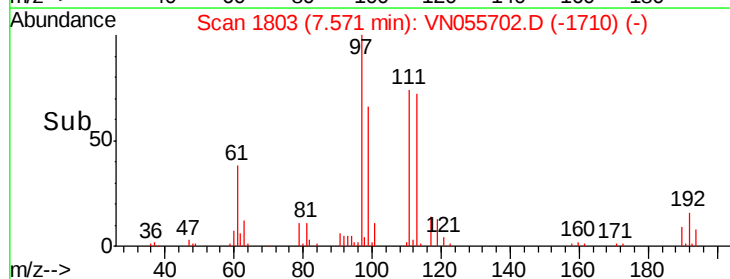
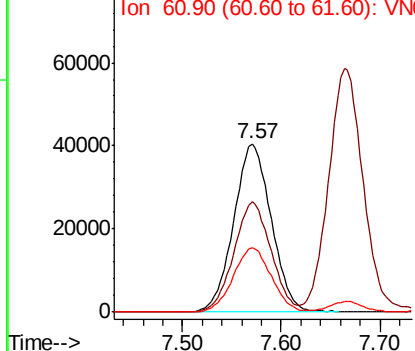


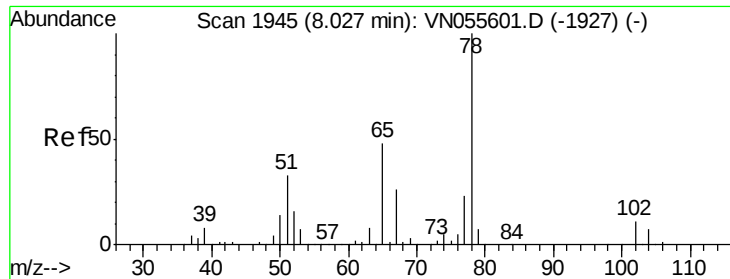
#32
1,1,1-Trichloroethane
Concen: 21.915 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion: 97 Resp: 107174
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.2
61 38.6 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

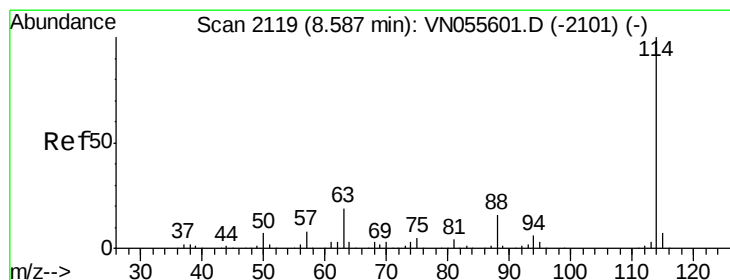
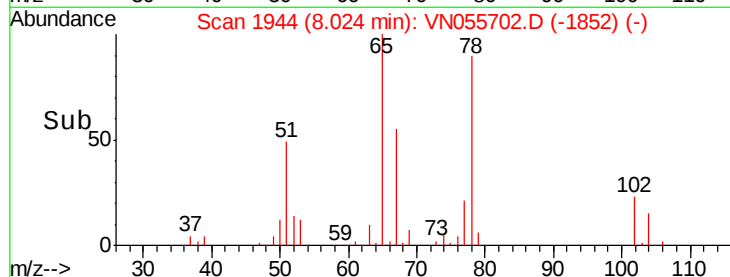
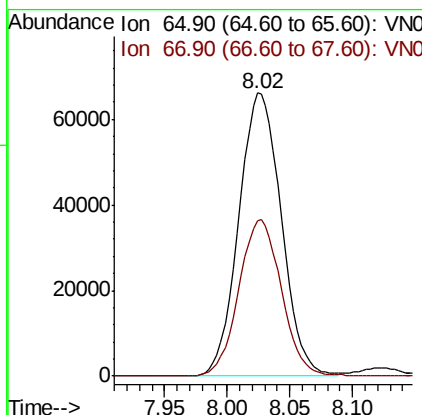
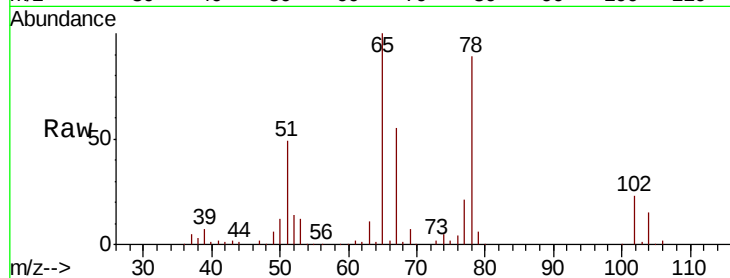




#33
 1,2-Dichloroethane-d4
 Concen: 45.901 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

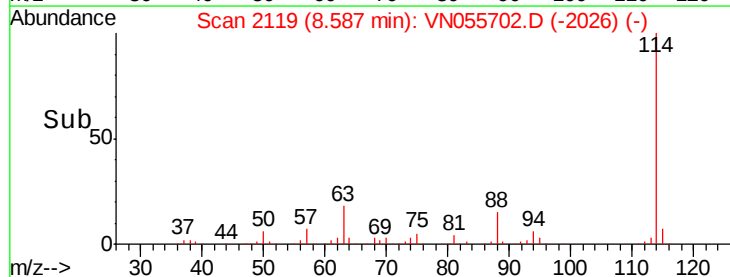
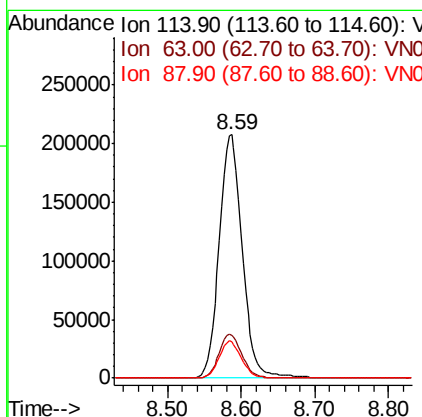
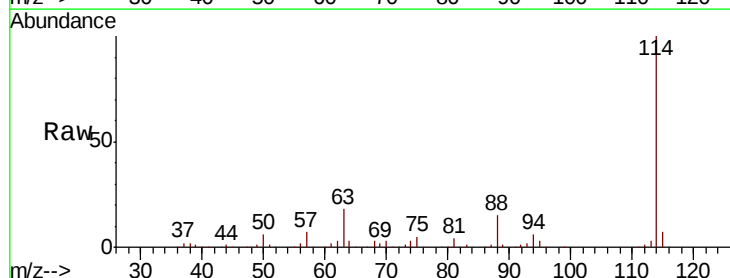
Instrument :
 MSVOA_N
 ClientSampled :

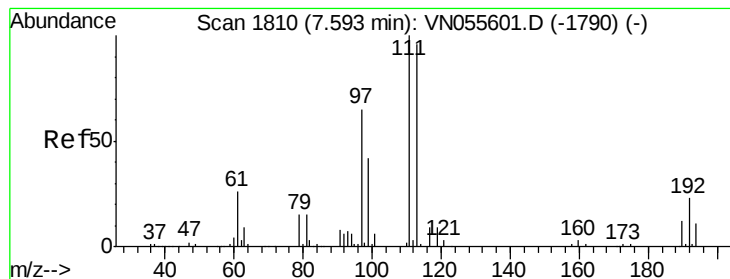
Tot Ion: 65 Resp: 156026
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Tgt Ion: 114 Resp: 452539
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 38.2
 88 15.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 51.005 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :
MSVOA_N
ClientSampleId :

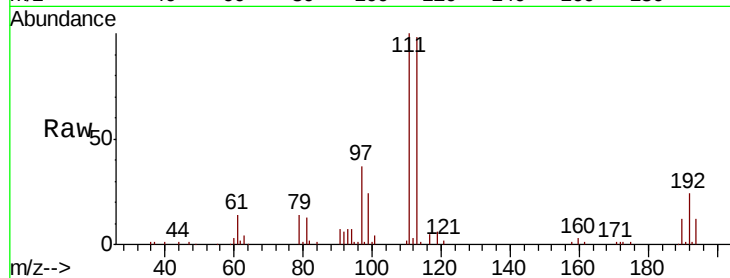
Tot Ion:113 Resp: 146625

Ion Ratio Lower Upper

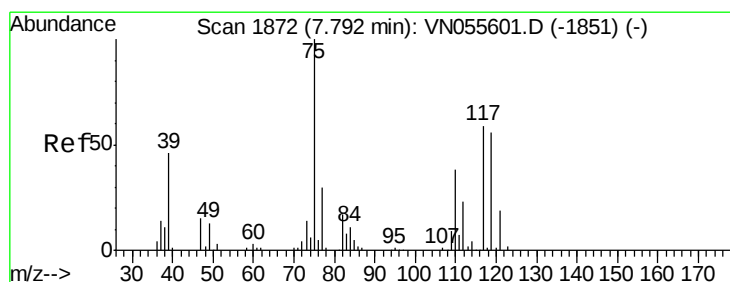
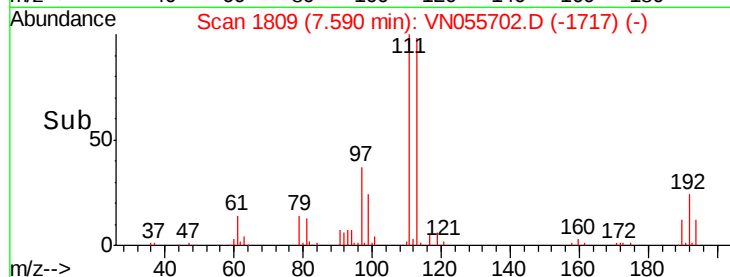
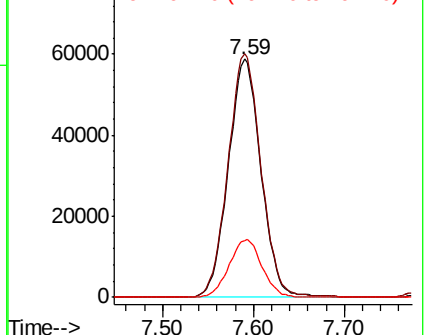
113 100

111 102.8 82.5 123.7

192 24.3 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 21.461 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

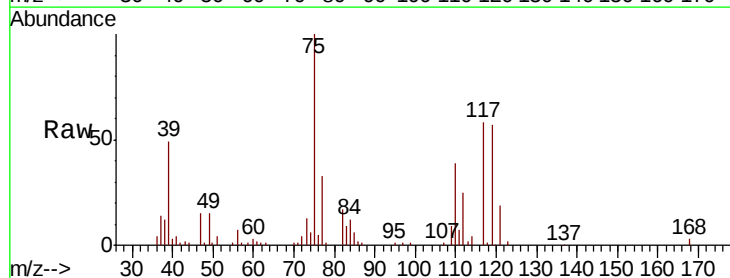
Tgt Ion: 75 Resp: 86586

Ion Ratio Lower Upper

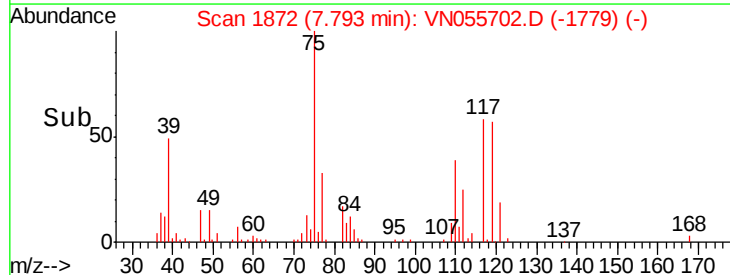
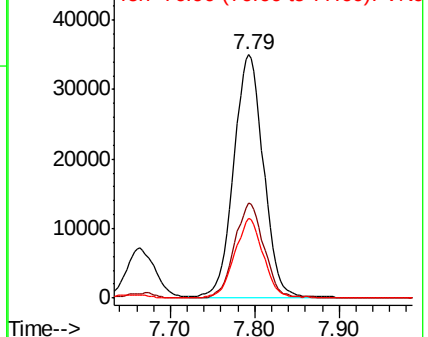
75 100

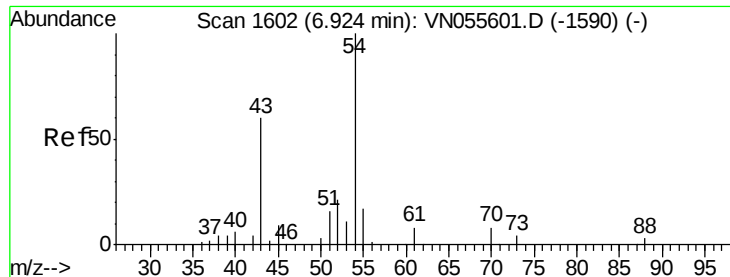
110 38.3 18.6 55.6

77 31.3 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V

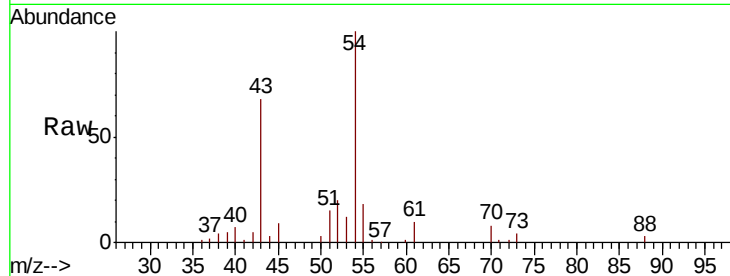




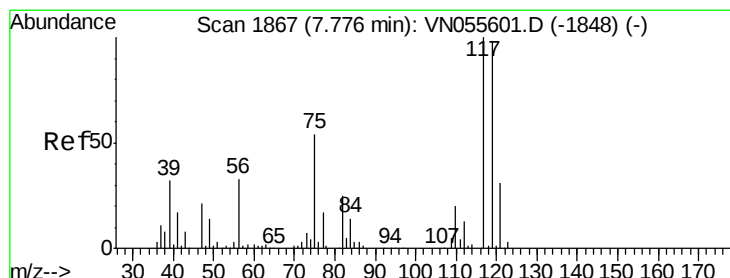
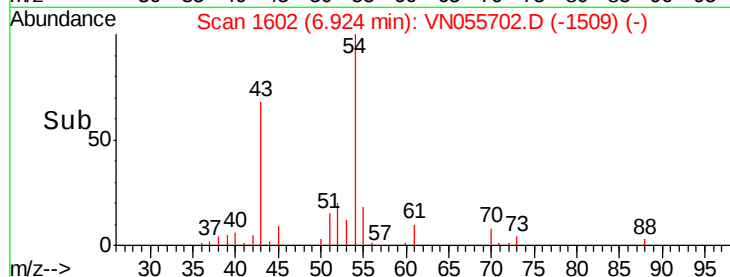
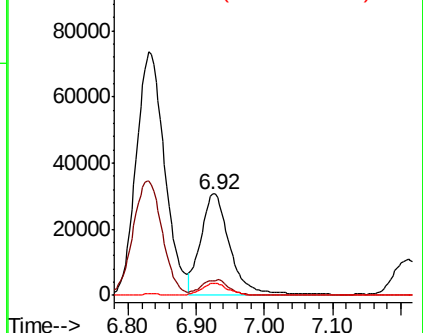
#37
Ethyl Acetate
Concen: 24.551 ug/l
RT: 6.92 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 89384
Ion Ratio Lower Upper
43 100
61 14.9 11.4 17.0
70 11.2 9.2 13.8

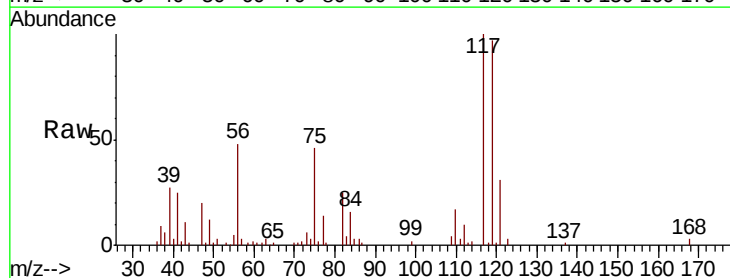


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

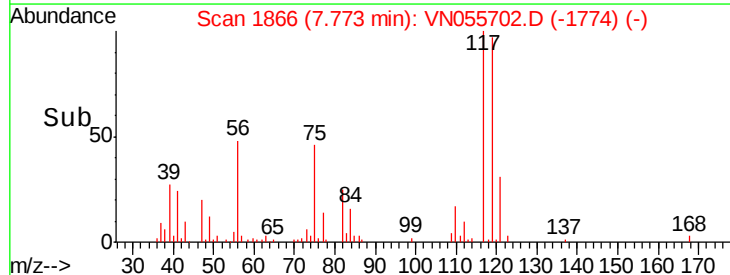
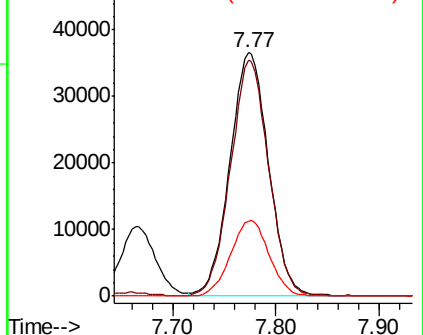


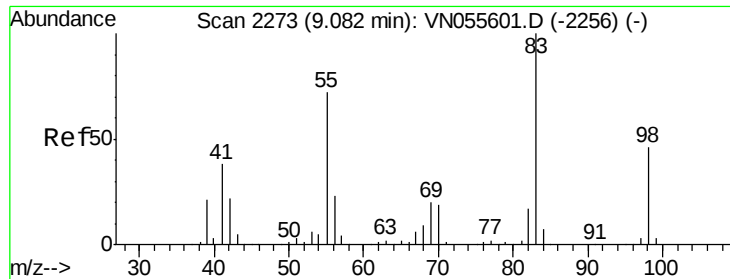
#38
Carbon Tetrachloride
Concen: 22.093 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion: 117 Resp: 95252
Ion Ratio Lower Upper
117 100
119 96.8 77.8 116.8
121 30.7 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

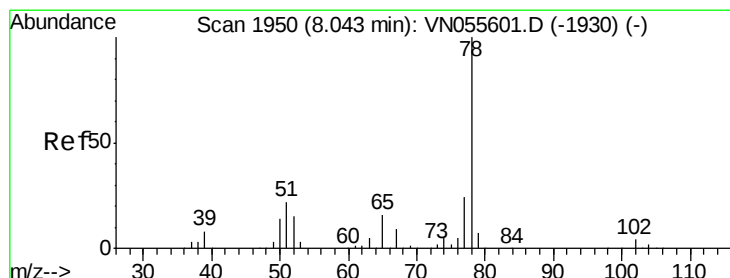
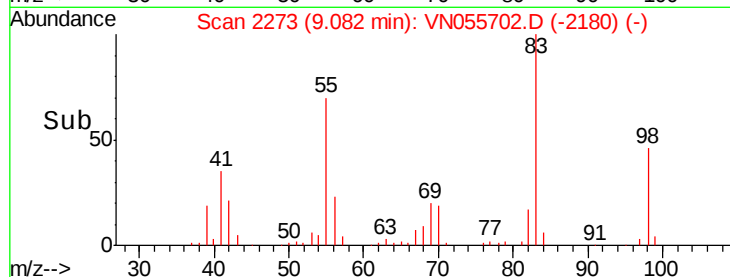
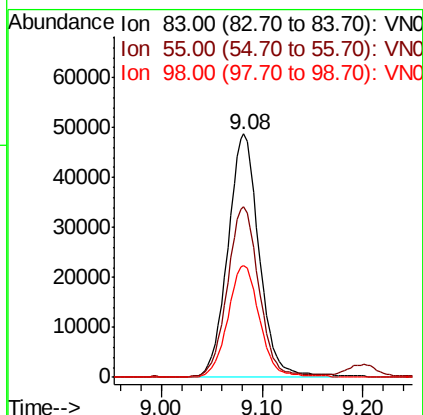
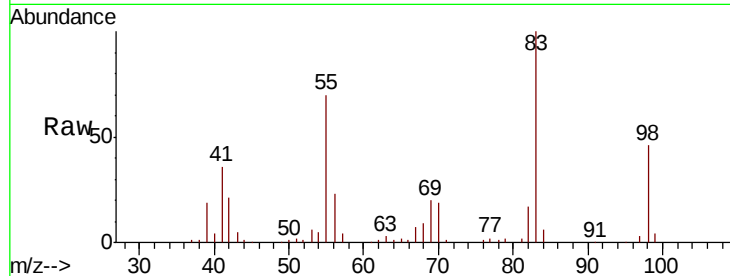




#39
Methvlcvclohexane
Concen: 21.720 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

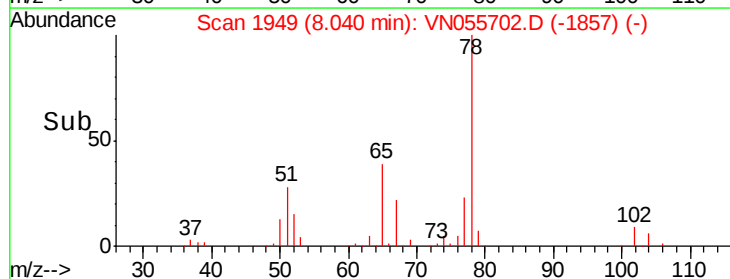
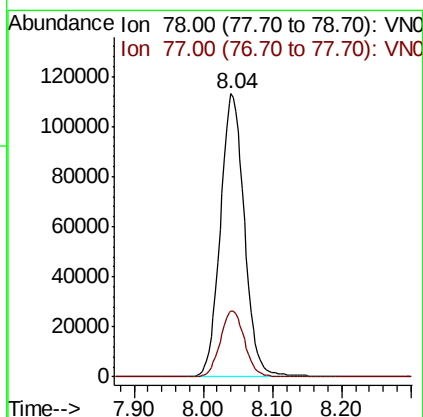
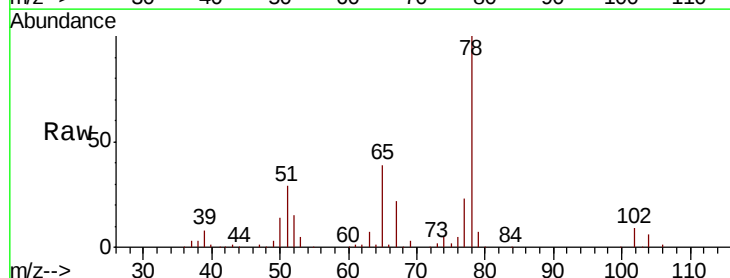
Instrument :
MSVOA_N
ClientSampled :

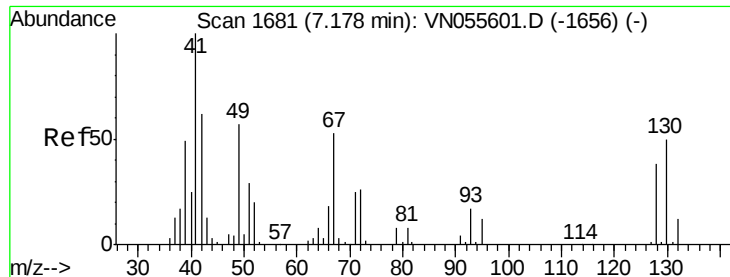
Tot Ion: 83 Resp: 105638
Ion Ratio Lower Upper
83 100
55 69.6 57.8 86.6
98 46.2 36.7 55.1



#40
Benzene
Concen: 23.008 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion: 78 Resp: 273037
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

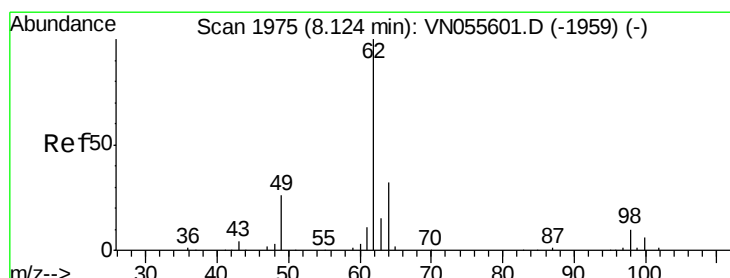
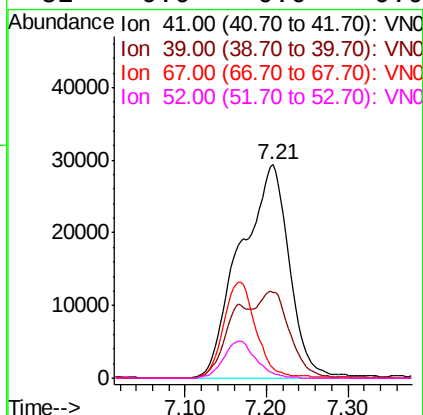
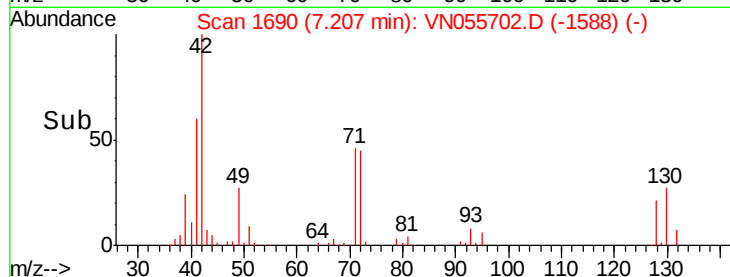
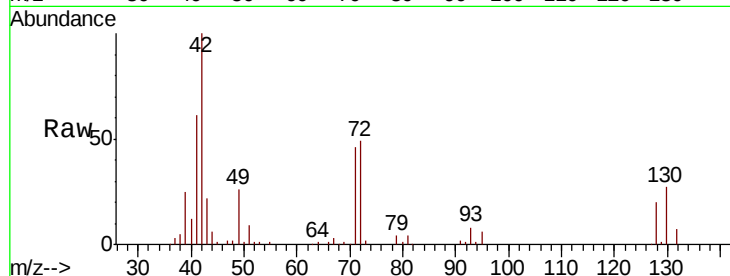




#41
Methacrylonitrile
Concen: 78.913 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.03 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

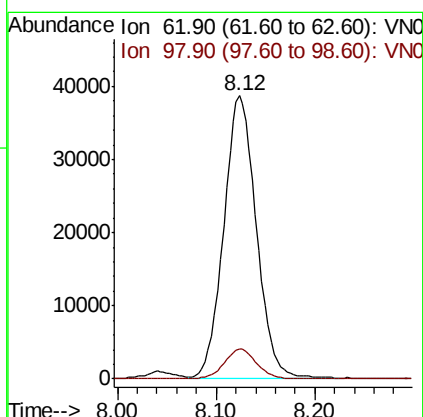
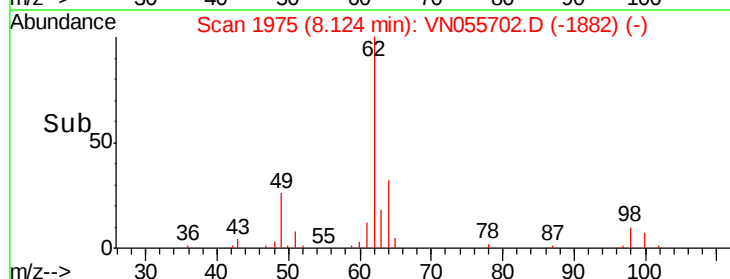
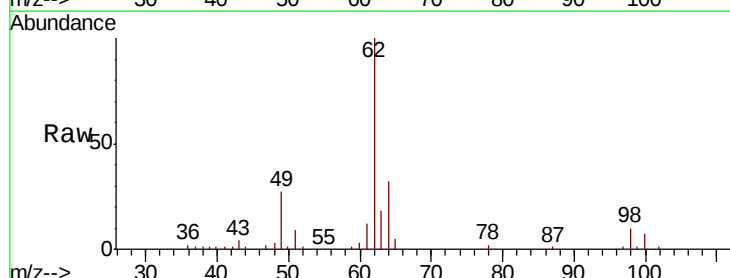
Instrument :
MSVOA_N
ClientSampled :

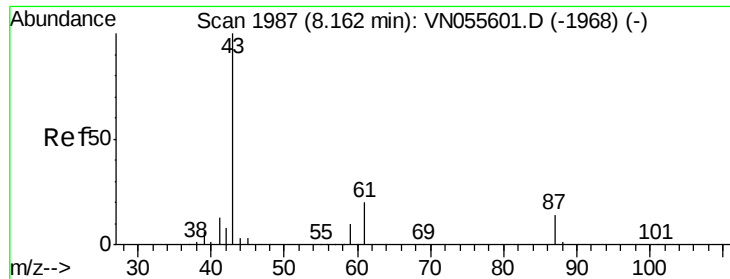
Tot Ion:	41	Resp:	122834
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 23.340 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion:	62	Resp:	89690
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.2

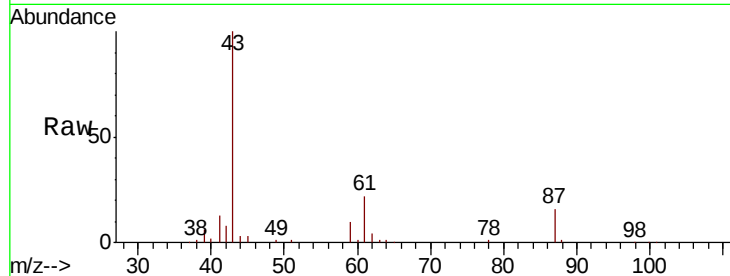




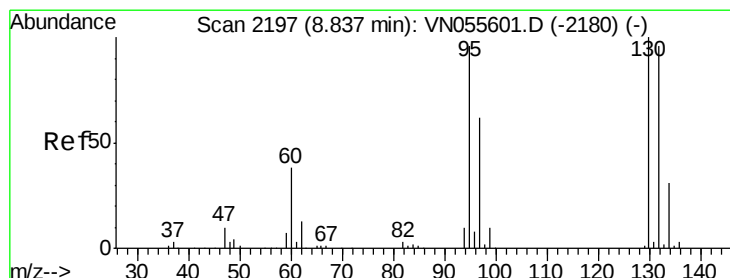
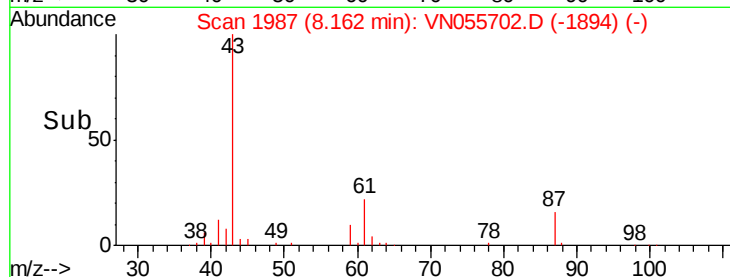
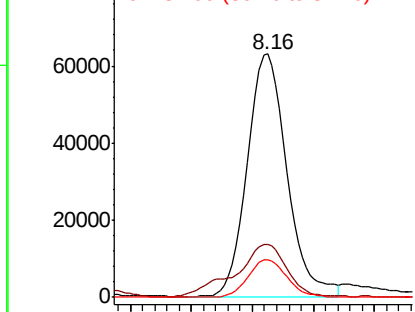
#43
Isopropyl Acetate
Concen: 22.376 ug/l
RT: 8.16 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 141710
Ion Ratio Lower Upper
43 100
61 28.8 22.1 33.1
87 15.3 11.8 17.6

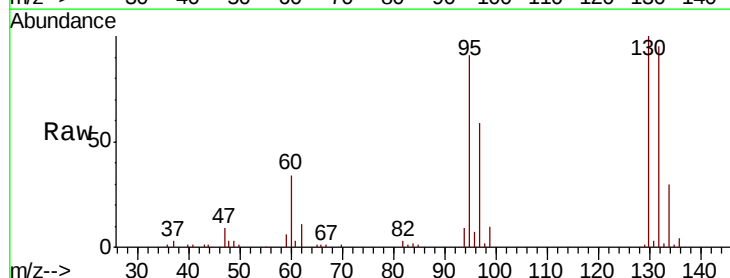


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

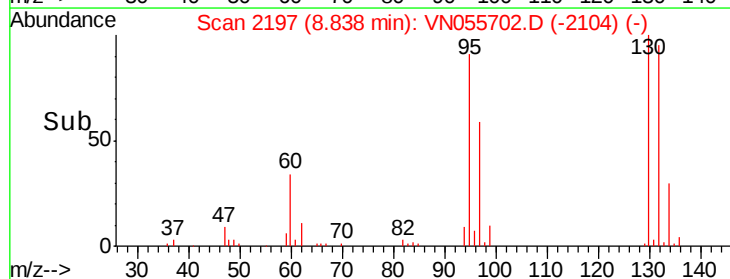
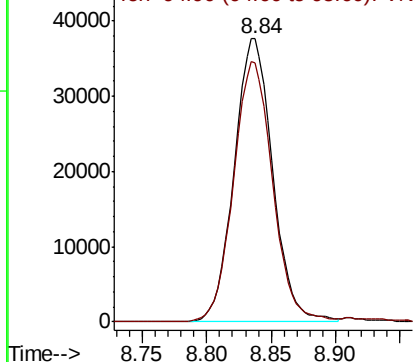


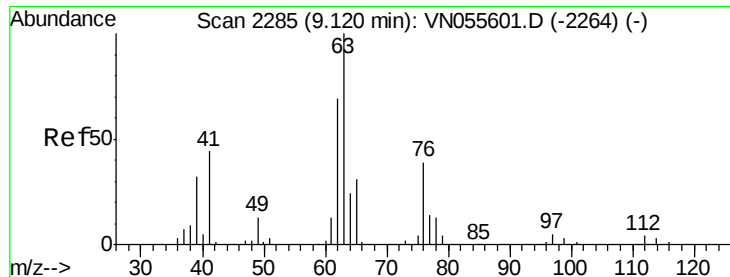
#44
Trichloroethene
Concen: 23.374 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion:130 Resp: 78271
Ion Ratio Lower Upper
130 100
95 91.4 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

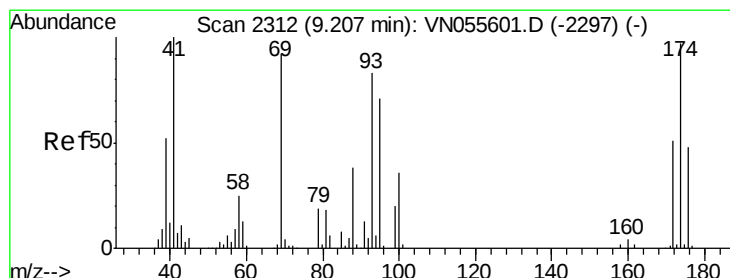
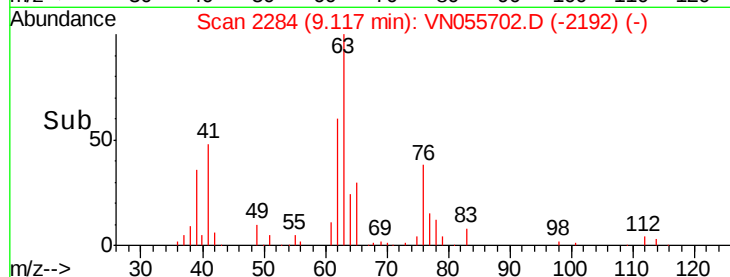
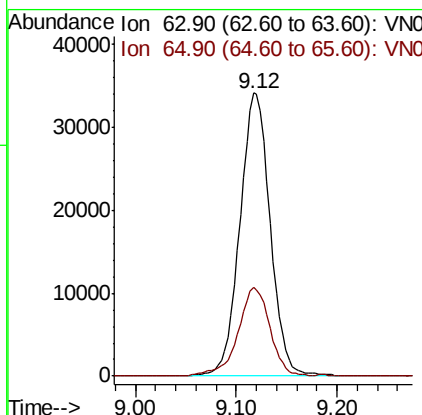
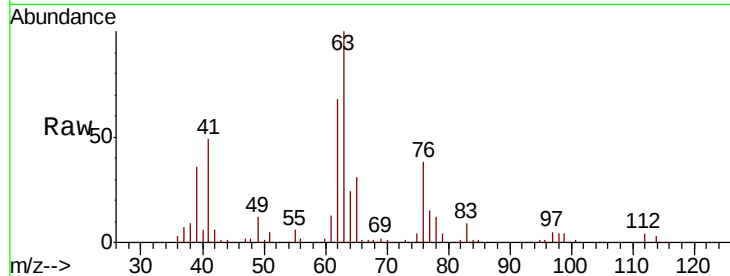




#45
 1,2-Dichloropropane
 Concen: 22.726 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

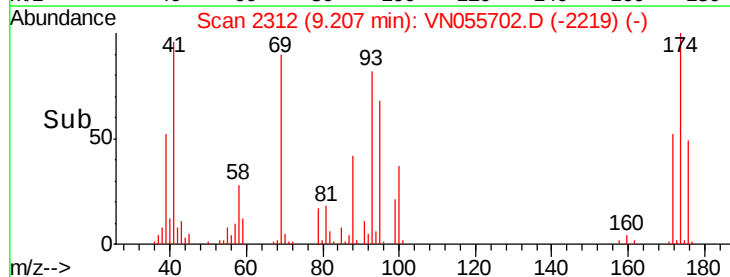
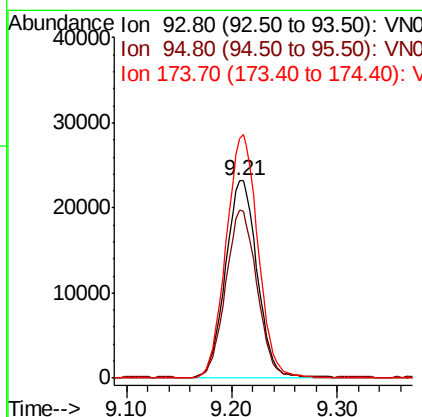
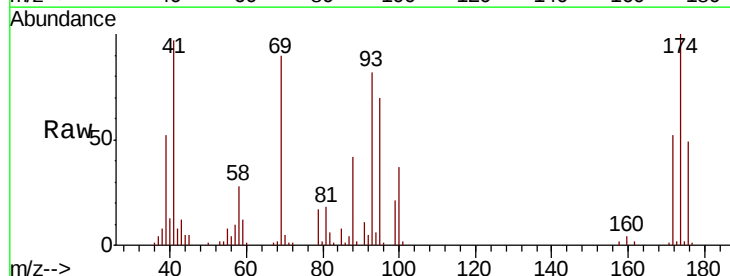
Instrument :
 MSVOA_N
 ClientSampleId :

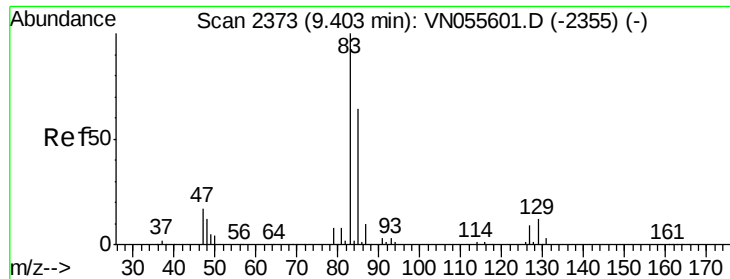
Tot Ion: 63 Resp: 71048
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.2 37.8



#46
 Dibromomethane
 Concen: 23.668 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Tgt Ion: 93 Resp: 48429
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.9 101.9
 174 123.1 93.8 140.6





#47

Bromodichloromethane

Concen: 22.632 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

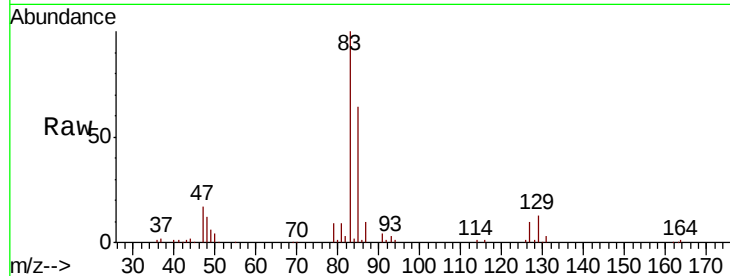
Tot Ion: 83 Resp: 97054

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.0

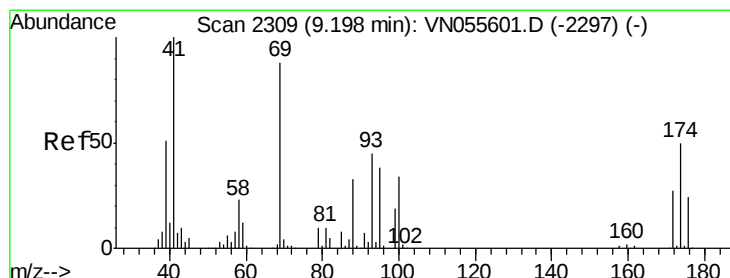
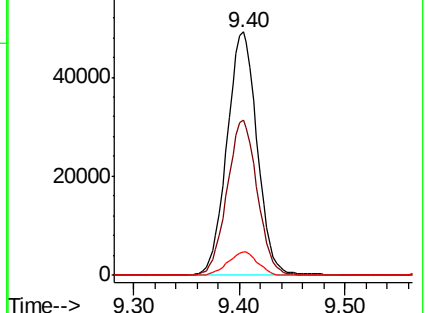
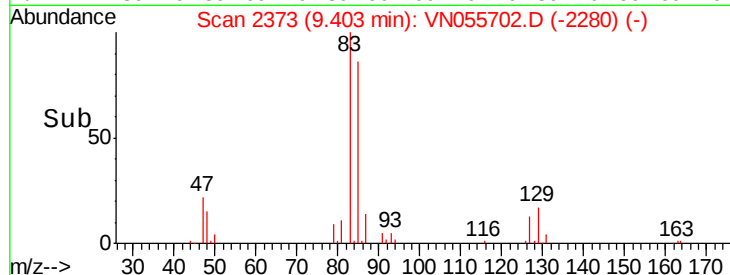
127 9.5 7.1 10.7



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: 23.077 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

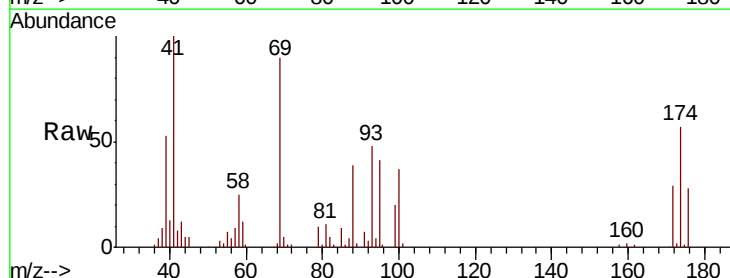
Tgt Ion: 41 Resp: 65325

Ion Ratio Lower Upper

41 100

69 95.4 74.2 111.2

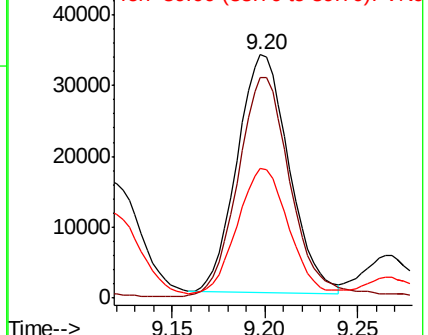
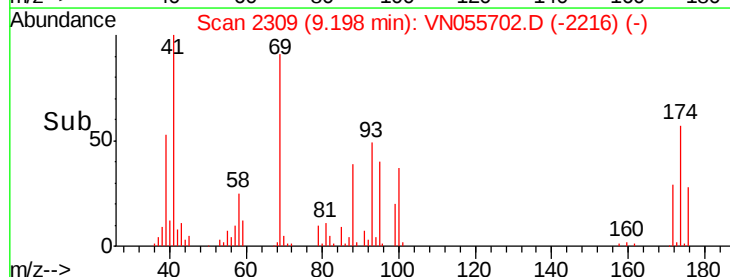
39 55.1 43.8 65.8

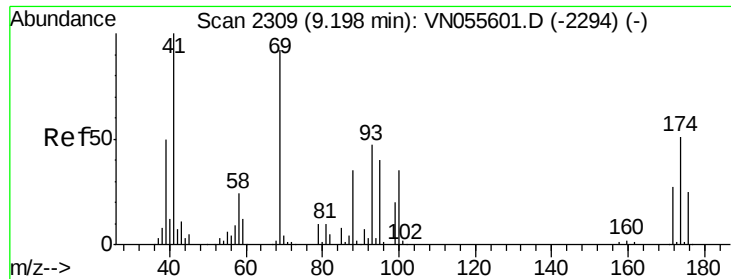


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

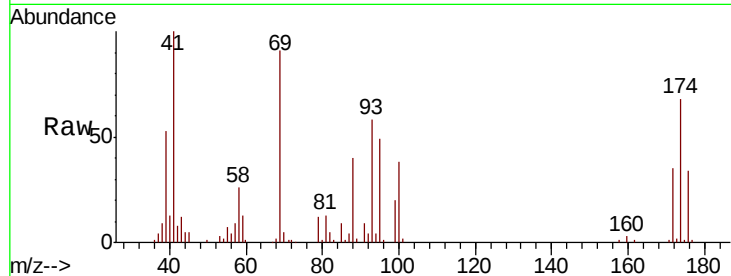




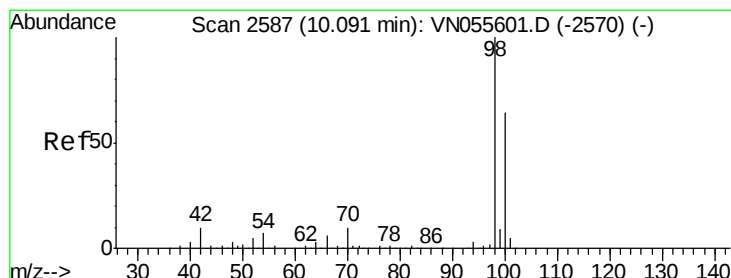
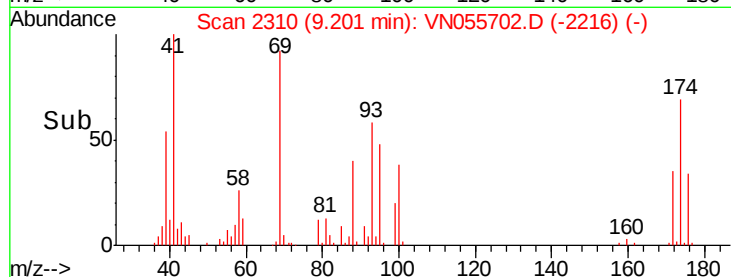
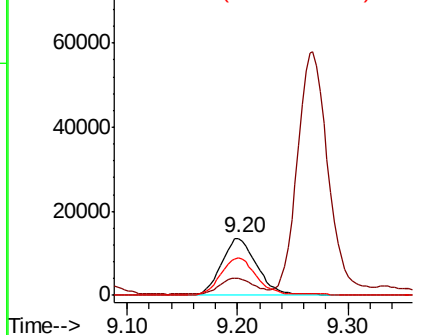
#49
 1,4-Dioxane
 Concen: 541.477 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 30457
 Ion Ratio Lower Upper
 88 100
 43 26.0 22.4 33.6
 58 64.3 53.4 80.2

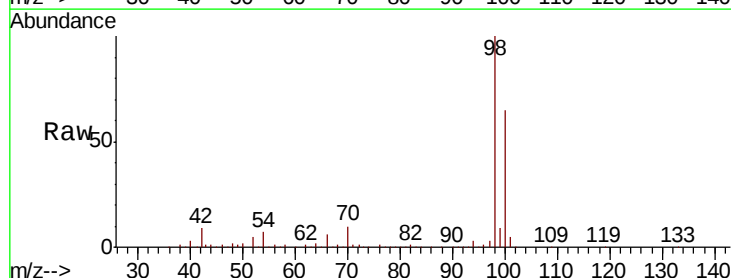


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

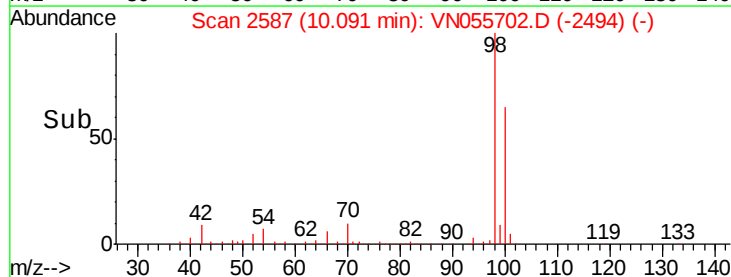
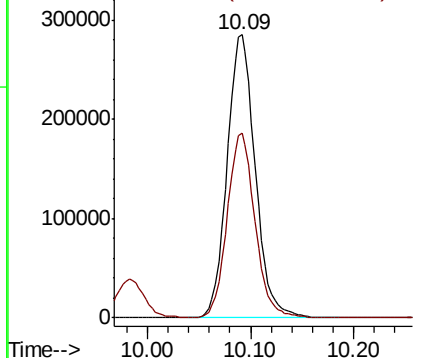


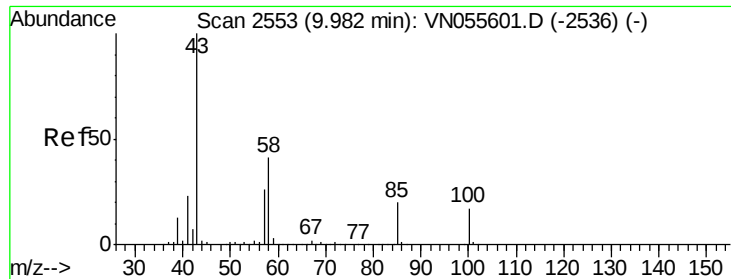
#50
 Toluene-d8
 Concen: 49.806 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Tgt Ion: 98 Resp: 541377
 Ion Ratio Lower Upper
 98 100
 100 64.6 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: 112.601 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

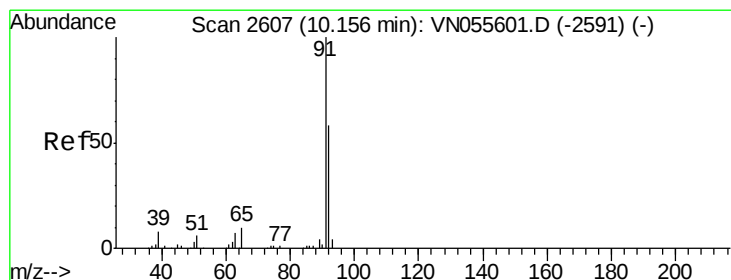
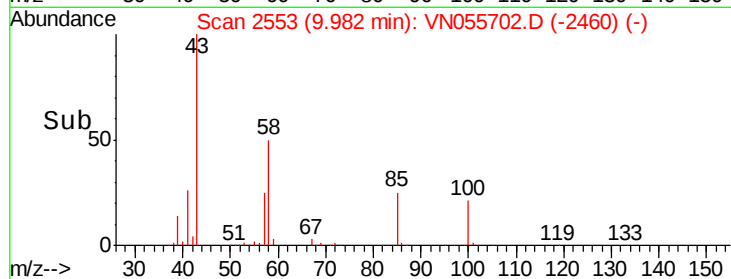
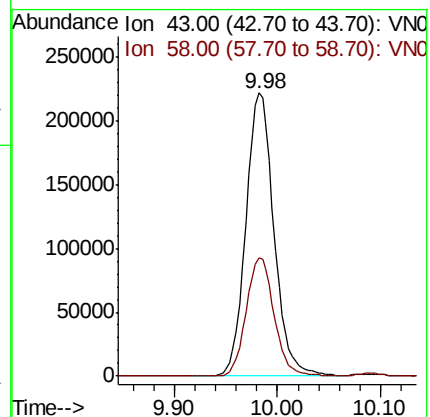
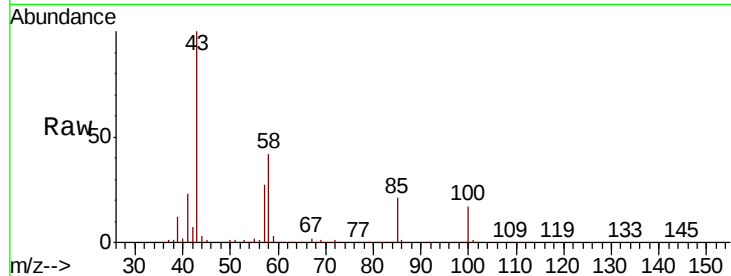
ClientSampled :

Tot Ion: 43 Resp: 418300

Ion Ratio Lower Upper

43 100

58 41.7 32.7 49.1



#52

Toluene

Concen: 23.335 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055702.D

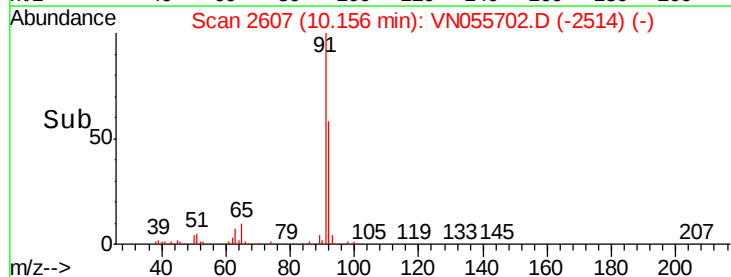
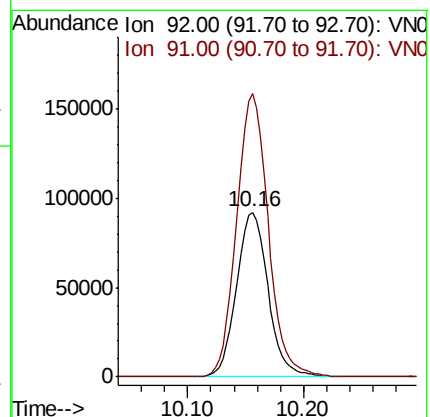
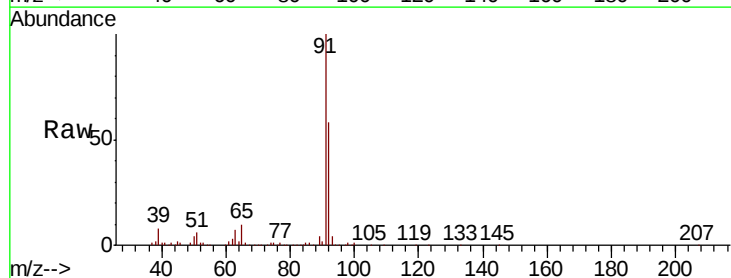
Acq: 21 May 2019 12:18

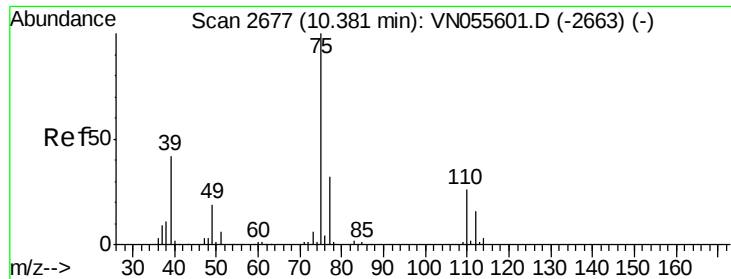
Tgt Ion: 92 Resp: 173689

Ion Ratio Lower Upper

92 100

91 172.2 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 21.924 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

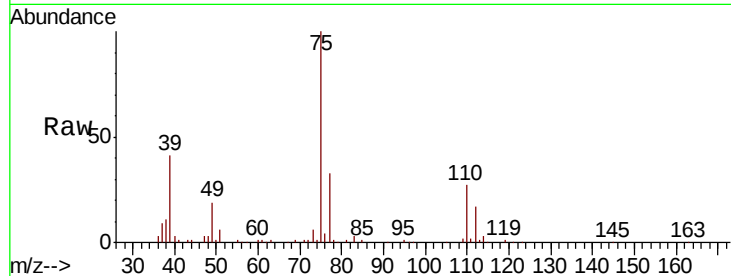
ClientSampleId :

Tot Ion: 75 Resp: 101193

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

60000

50000

40000

30000

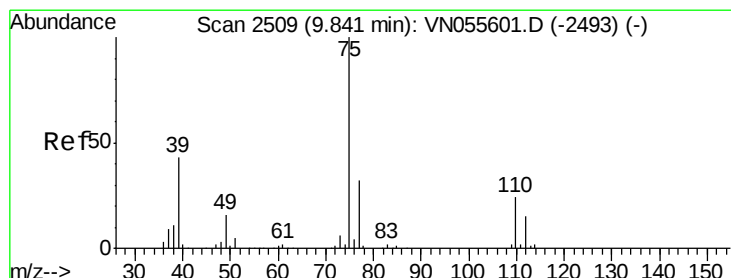
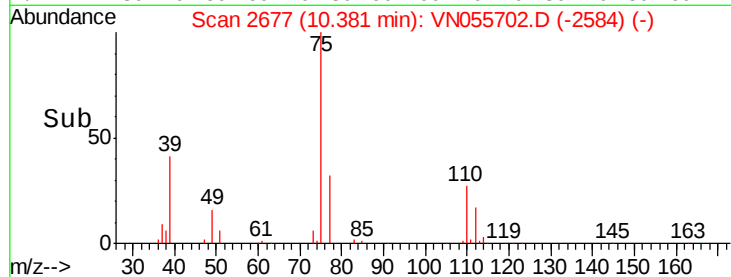
20000

10000

0

Time-->

10.30 10.35 10.40 10.45



#54

cis-1,3-Dichloropropene

Concen: 22.495 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

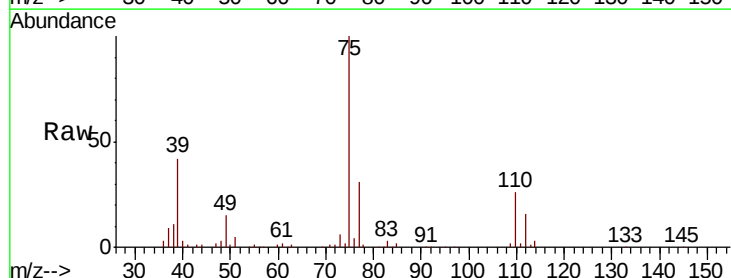
Tgt Ion: 75 Resp: 113744

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

39 42.2 34.7 52.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

80000

60000

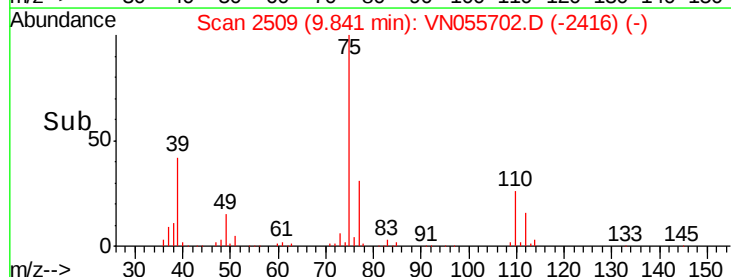
40000

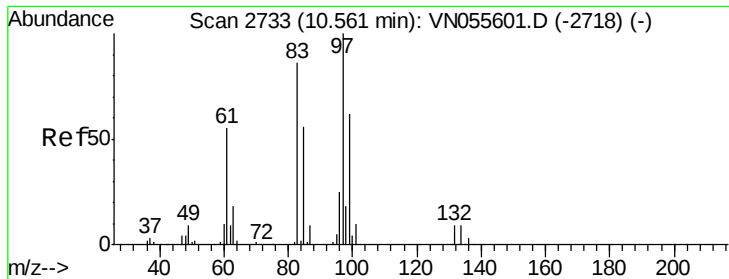
20000

0

Time-->

9.75 9.80 9.85 9.90 9.95





#55

1,1,2-Trichloroethane

Concen: 23.339 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 71518

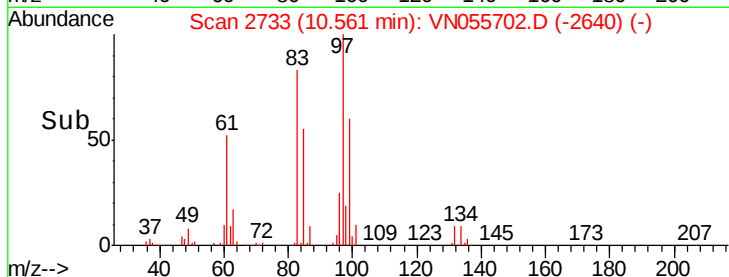
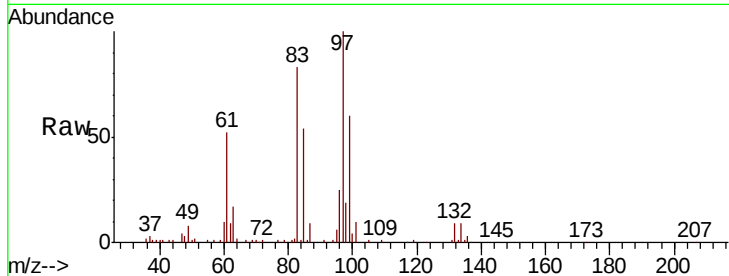
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.4	102.6
85	54.7	44.8	67.2
99	60.0	49.9	74.9

97 100

83 83.0 68.4 102.6

85 54.7 44.8 67.2

99 60.0 49.9 74.9



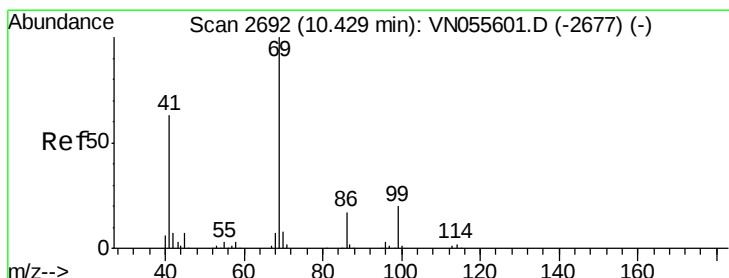
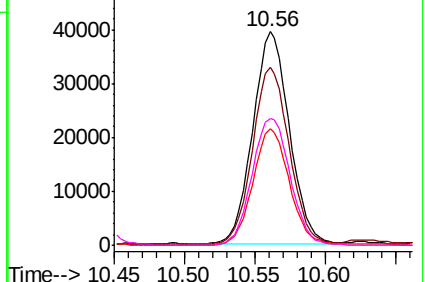
Abundance Ion 96.90 (96.60 to 97.60): VNO

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

Time--> 10.45 10.50 10.55 10.60



#56

Ethyl methacrylate

Concen: 22.454 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

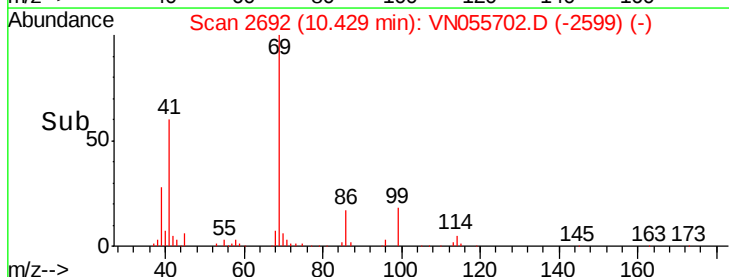
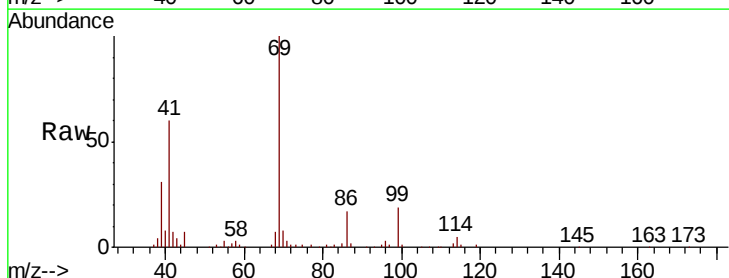
Tgt Ion: 69 Resp: 107408

Ion	Ratio	Lower	Upper
69	100		
41	60.5	50.3	75.5
39	30.3	25.4	38.2

69 100

41 60.5 50.3 75.5

39 30.3 25.4 38.2

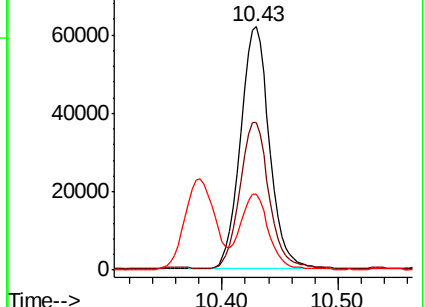


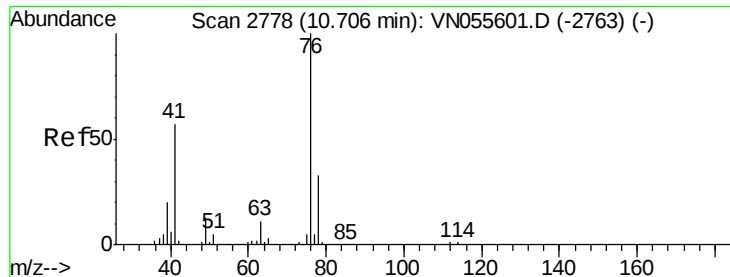
Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Time--> 10.40 10.45 10.50

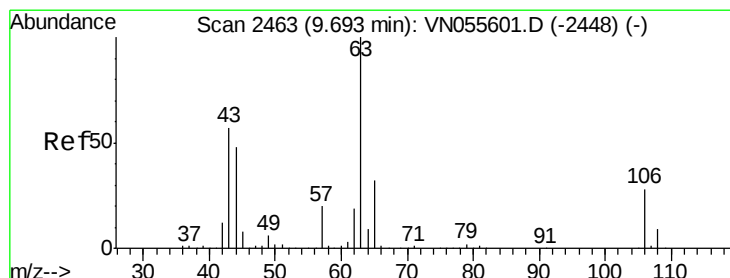
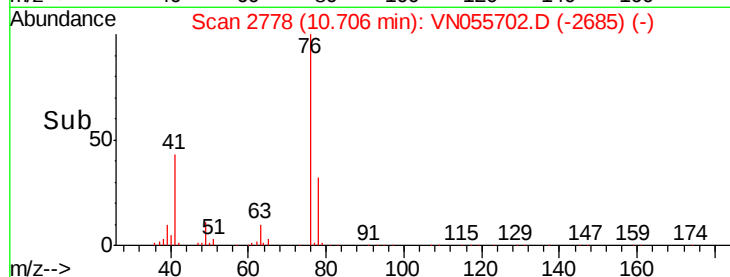
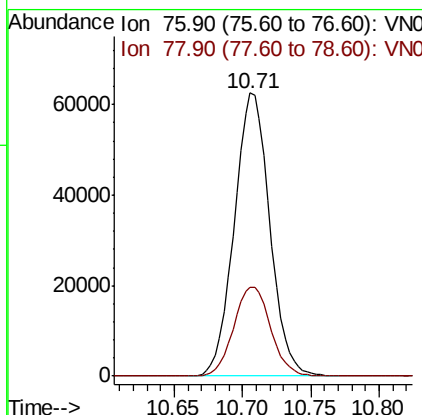
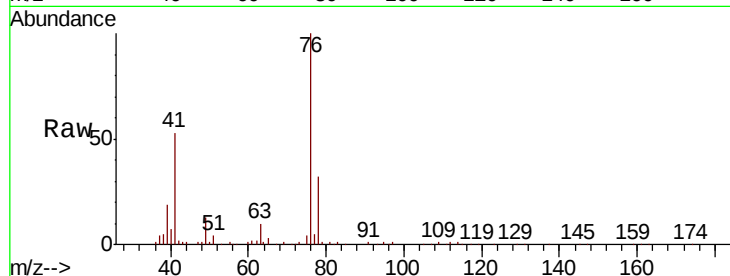




#57
 1,3-Dichloropropane
 Concen: 23.259 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

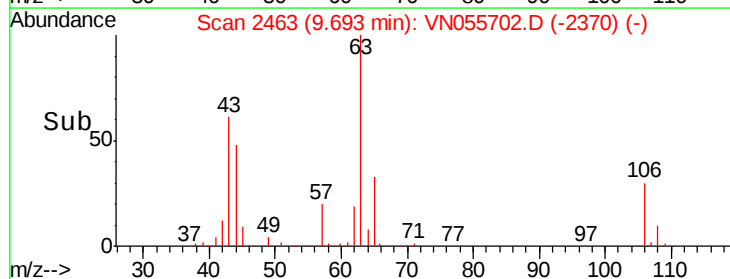
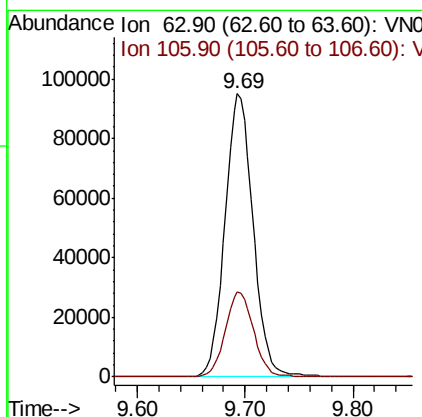
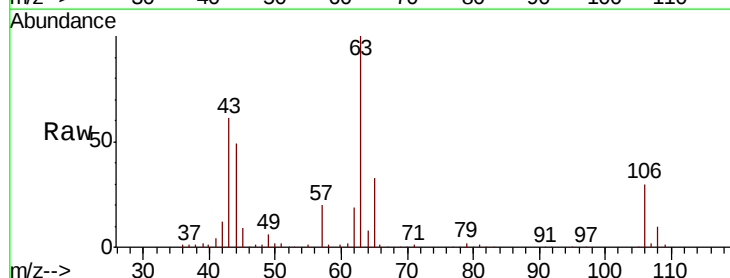
Instrument :
 MSVOA_N
 ClientSampleId :

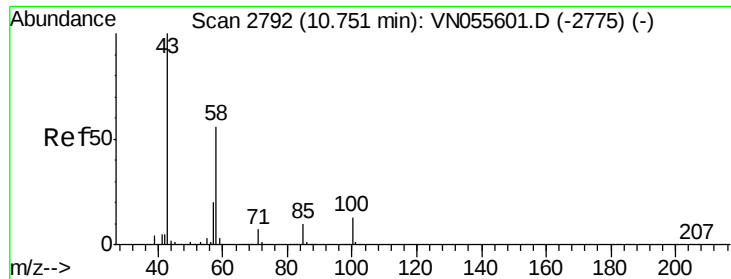
Tot Ion: 76 Resp: 112881
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.5 39.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 84.883 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Tgt Ion: 63 Resp: 172523
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.0 34.6

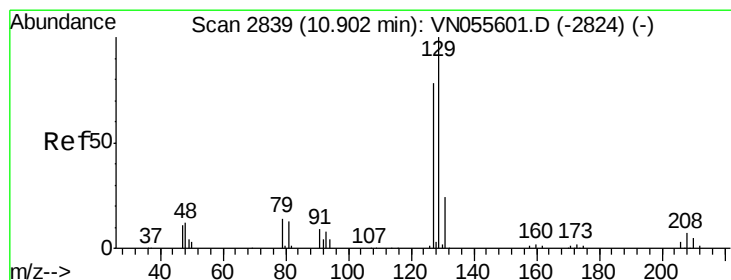
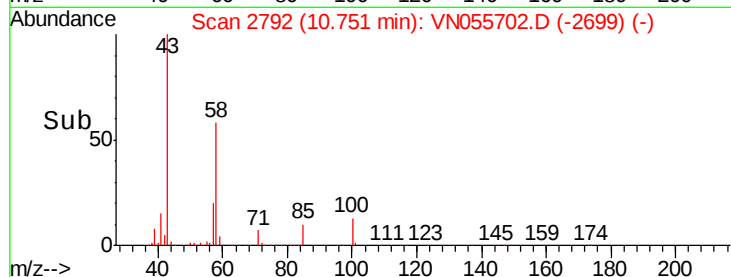
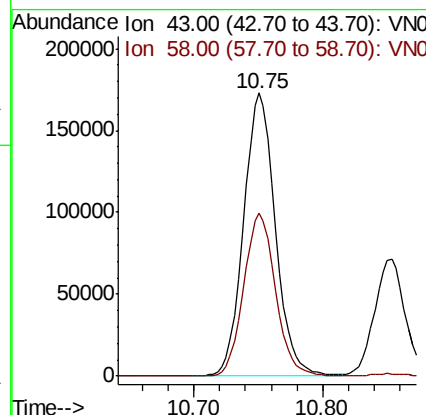
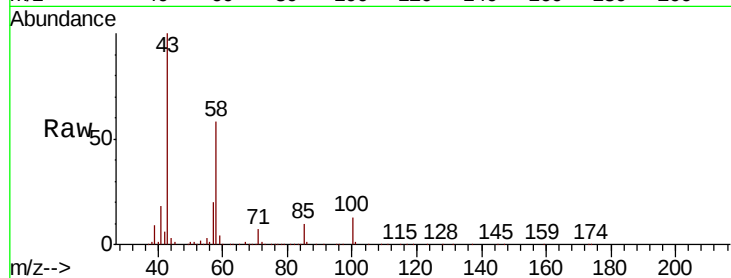




#59
2-Hexanone
Concen: 112.470 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

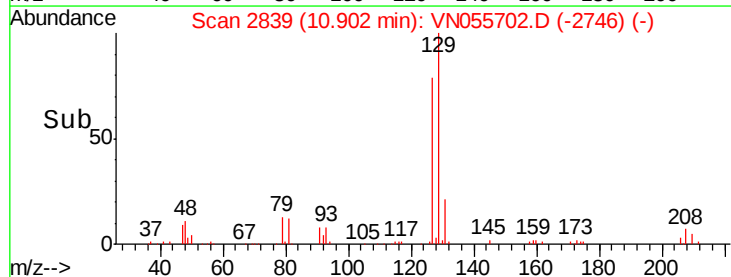
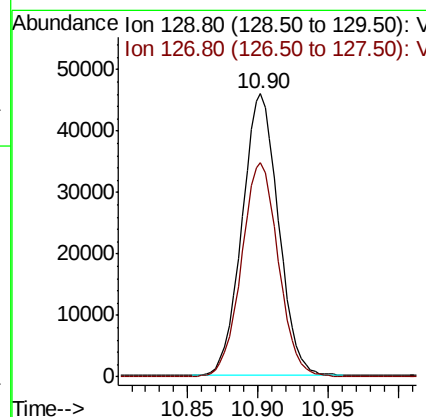
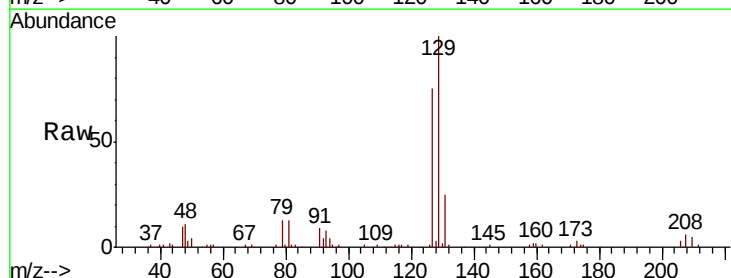
Instrument :
MSVOA_N
ClientSampleId :

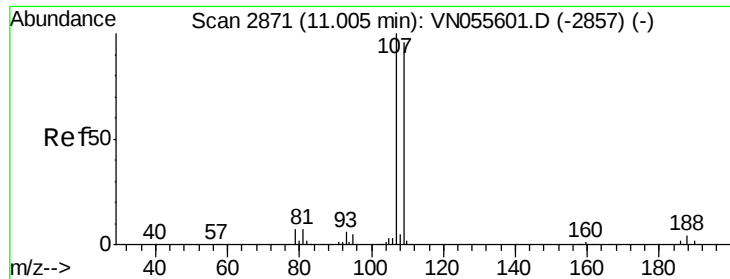
Tot Ion: 43 Resp: 294162
Ion Ratio Lower Upper
43 100
58 57.9 28.1 84.4



#60
Dibromochloromethane
Concen: 23.798 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion: 129 Resp: 82650
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 24.287 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

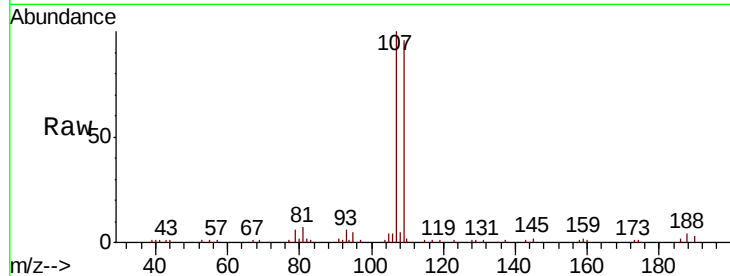
ClientSampleId :

Tot Ion:107 Resp: 74465

Ion Ratio Lower Upper

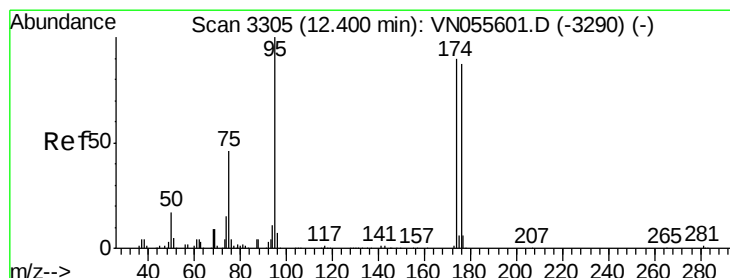
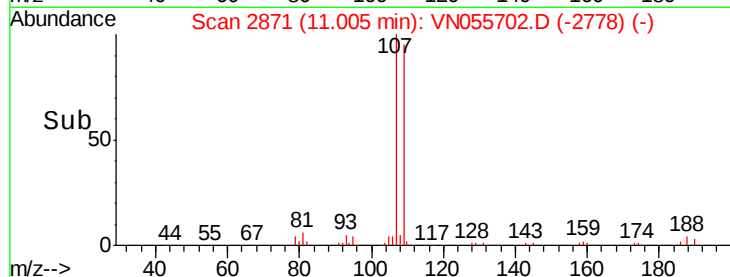
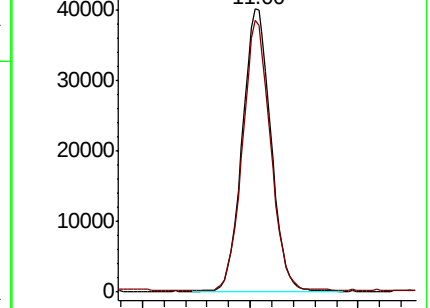
107 100

109 92.3 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.189 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

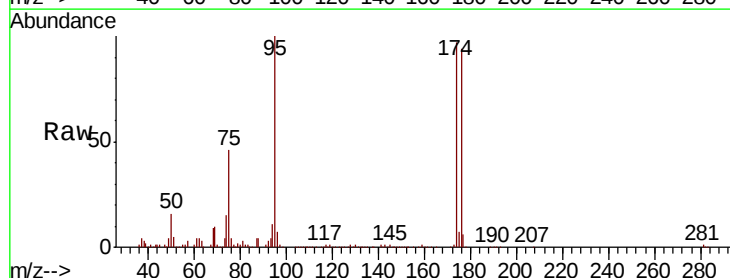
Tgt Ion: 95 Resp: 180875

Ion Ratio Lower Upper

95 100

174 96.8 0.0 180.6

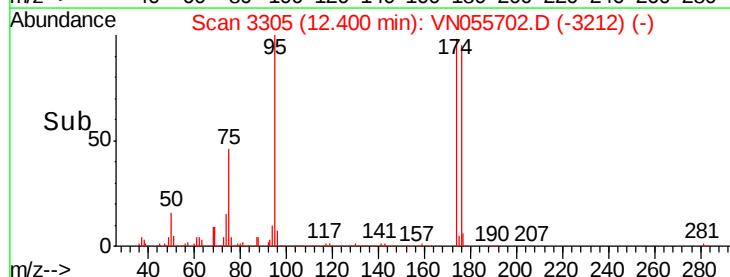
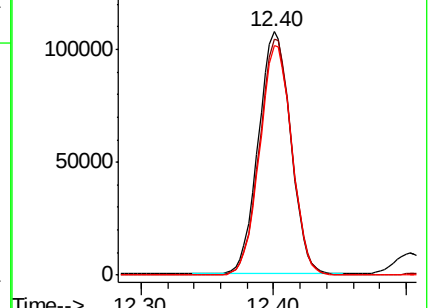
176 94.5 0.0 177.4

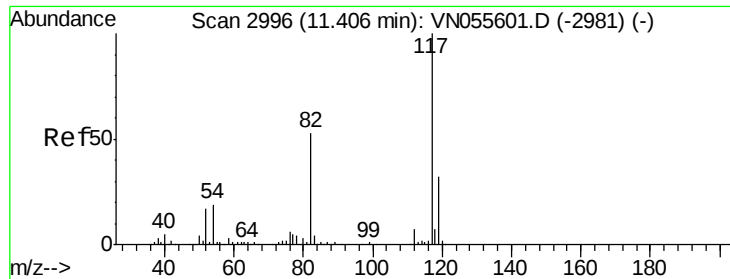


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

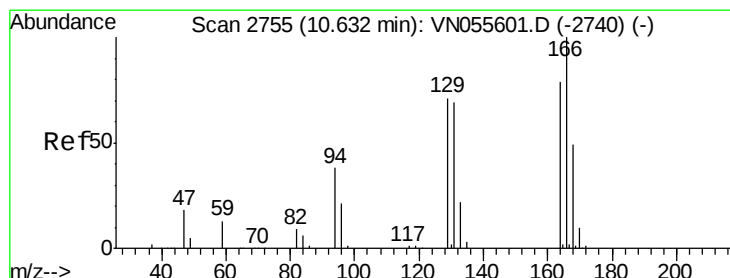
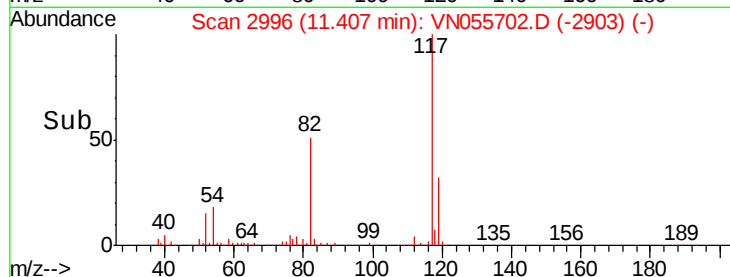
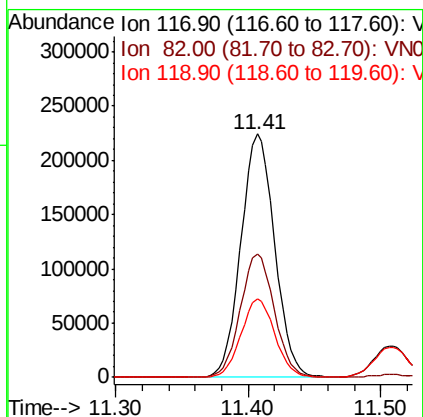
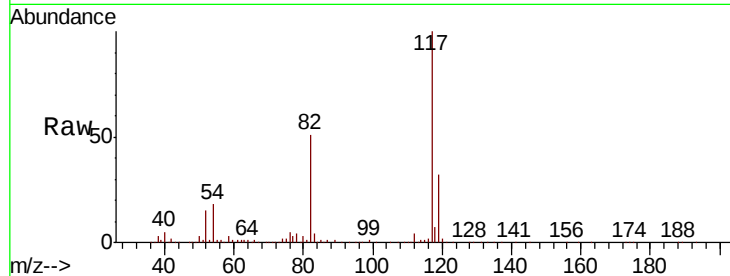




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

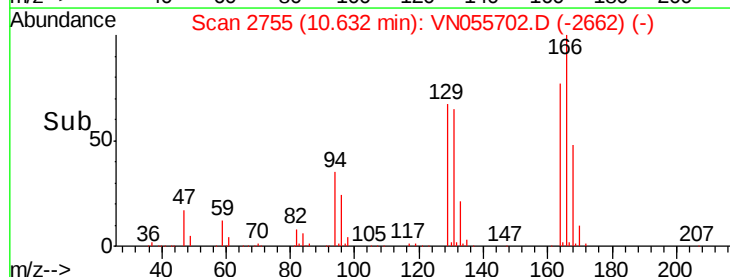
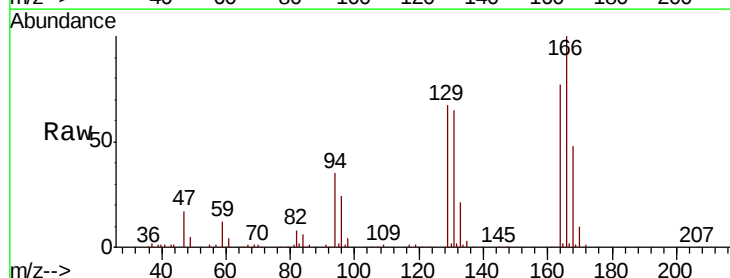
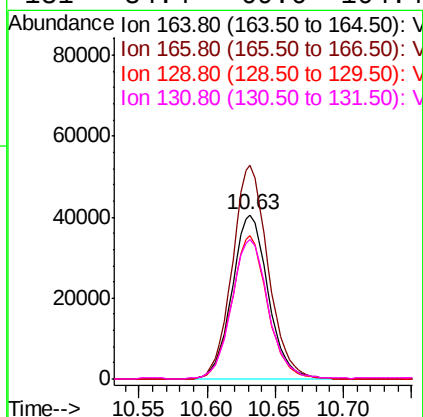
Instrument :
MSVOA_N
ClientSampleId :

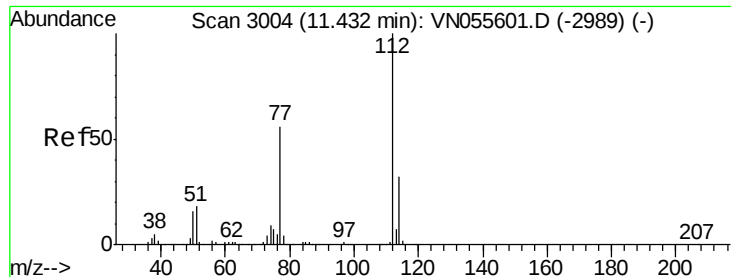
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.3	63.5
119	32.3	25.4	38.2



#64
Tetrachloroethene
Concen: 23.812 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.2	101.0	151.6
129	87.1	71.7	107.5
131	84.4	69.6	104.4





#65

Chlorobenzene

Concen: 23.204 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

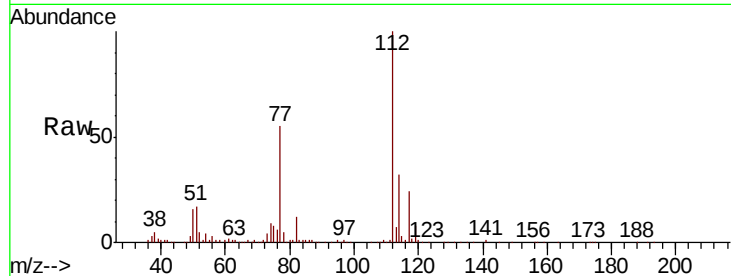
ClientSampled :

Tot Ion:112 Resp: 186370

Ion Ratio Lower Upper

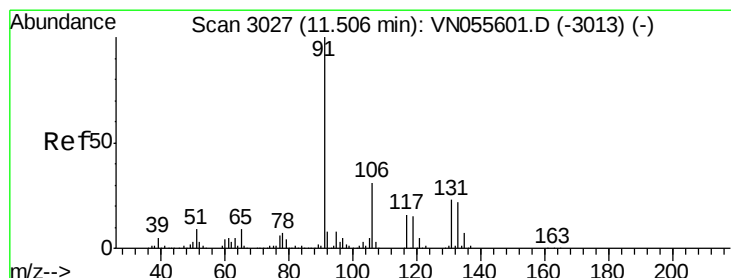
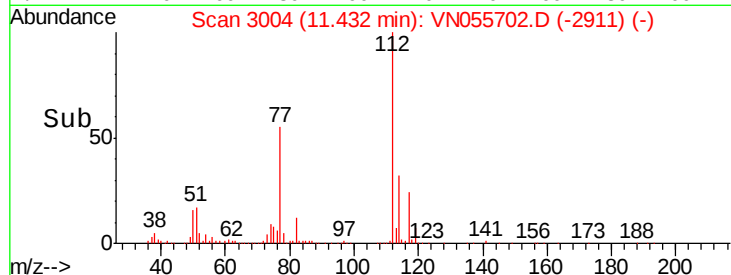
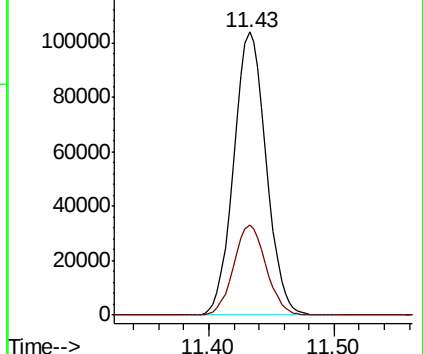
112 100

114 31.7 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 23.389 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

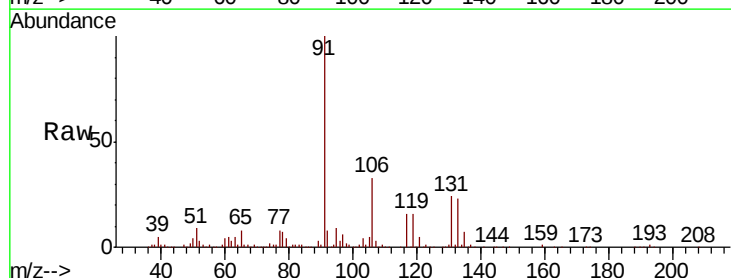
Tgt Ion:131 Resp: 75576

Ion Ratio Lower Upper

131 100

133 93.9 47.8 143.4

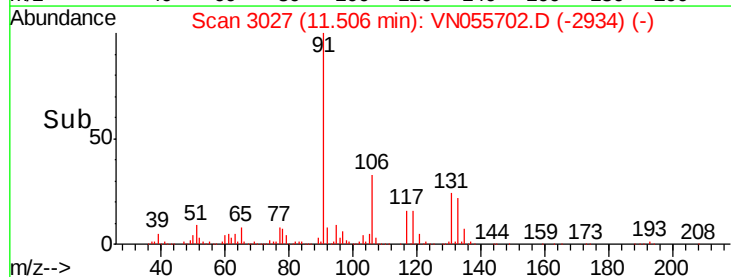
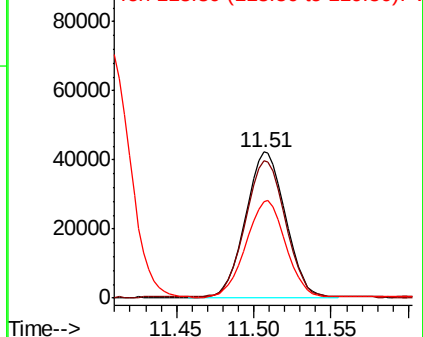
119 65.7 33.3 99.8

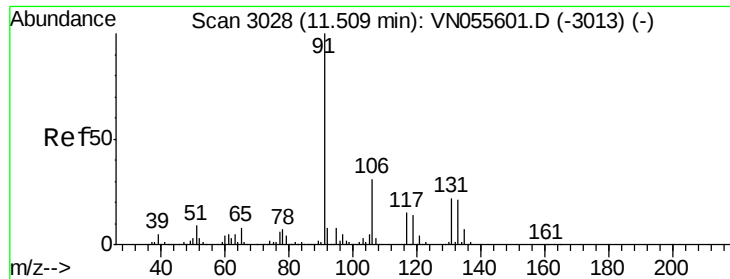


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

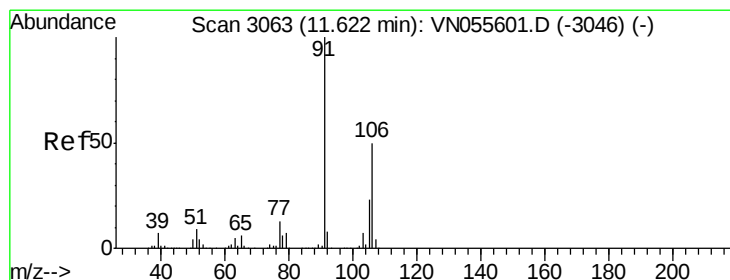
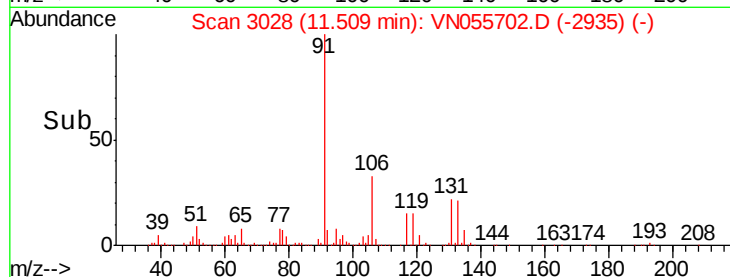
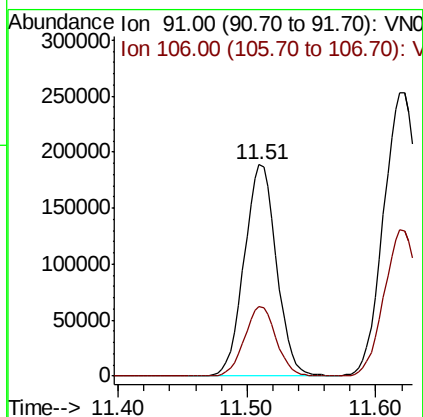
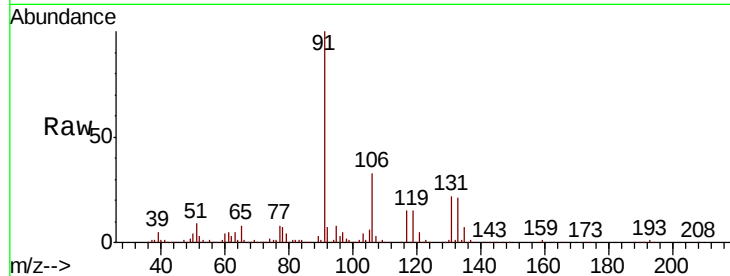




#67
Ethyl Benzene
Concen: 22.764 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

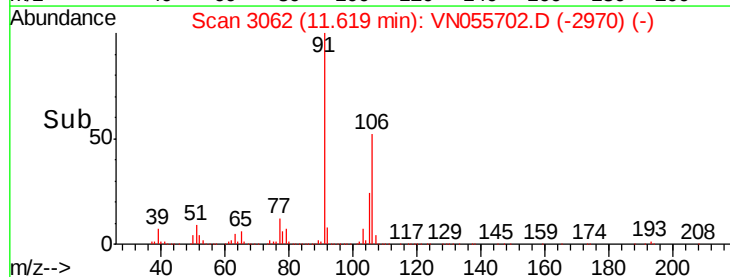
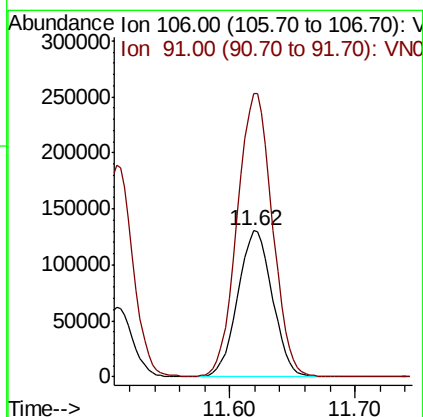
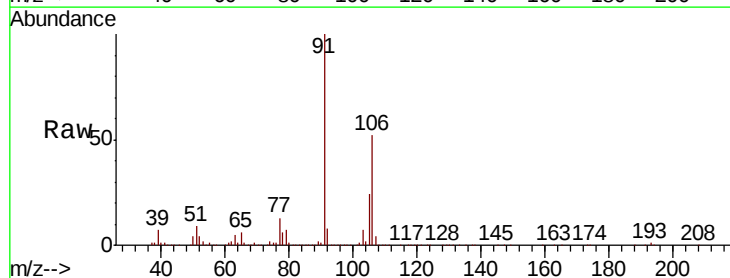
Instrument :
MSVOA_N
ClientSampled :

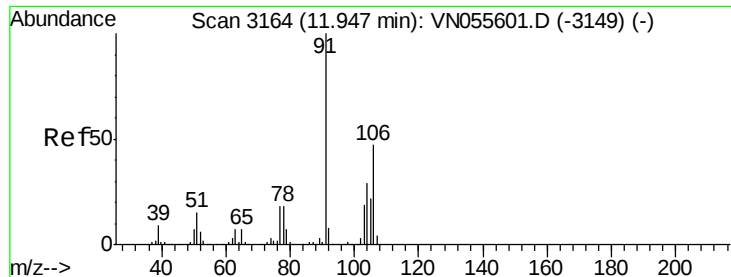
Tot Ion: 91 Resp: 325720
Ion Ratio Lower Upper
91 100
106 33.0 25.2 37.8



#68
m/p-Xylenes
Concen: 46.254 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion: 106 Resp: 249925
Ion Ratio Lower Upper
106 100
91 196.6 160.5 240.7

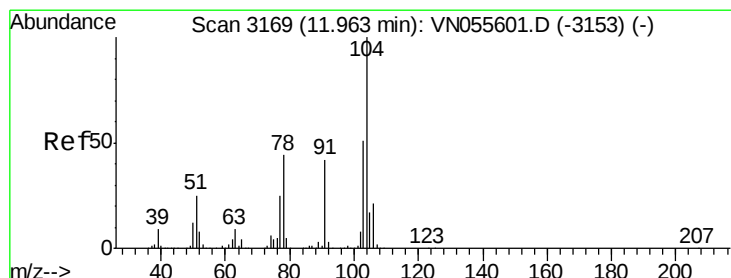
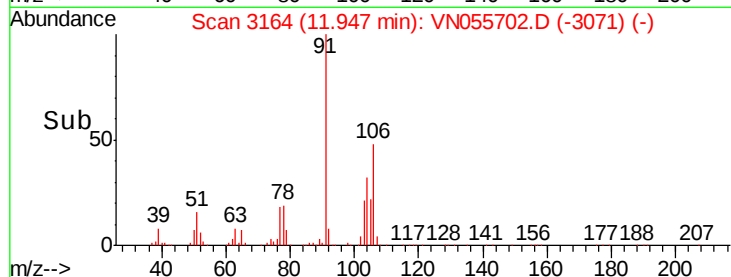
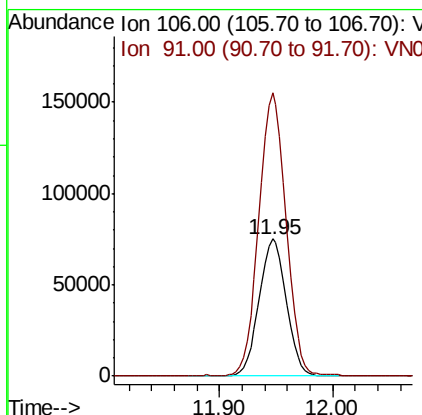
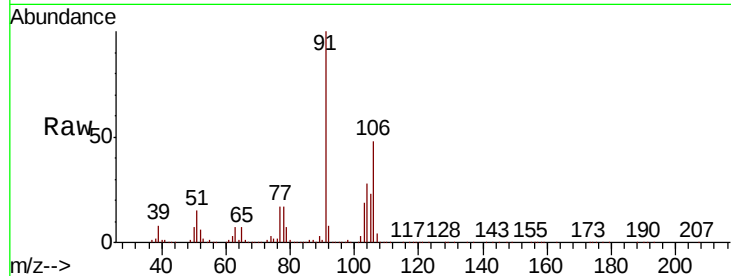




#69
o-Xylene
Concen: 23.896 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

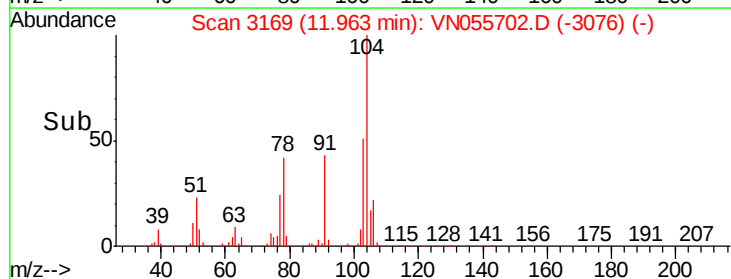
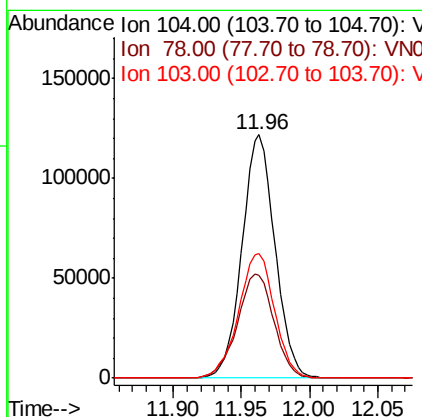
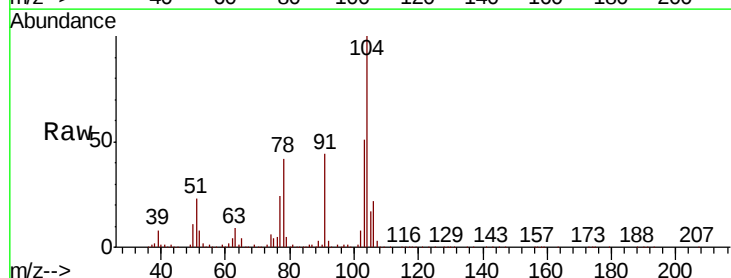
Instrument :
MSVOA_N
ClientSampled :

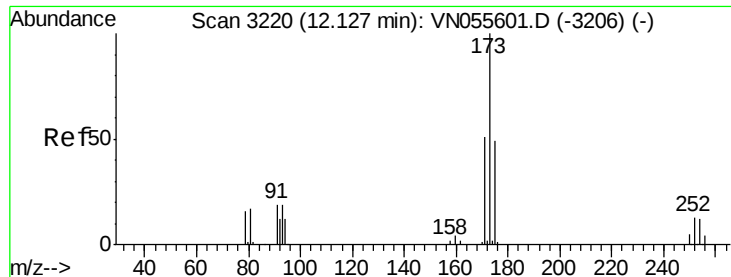
Tot Ion:106 Resp: 126290
Ion Ratio Lower Upper
106 100
91 203.8 106.7 320.2



#70
Styrene
Concen: 23.166 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion:104 Resp: 203566
Ion Ratio Lower Upper
104 100
78 47.7 38.6 58.0
103 56.5 44.4 66.6





#71

Bromoform

Concen: 23.303 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

ClientSampled :

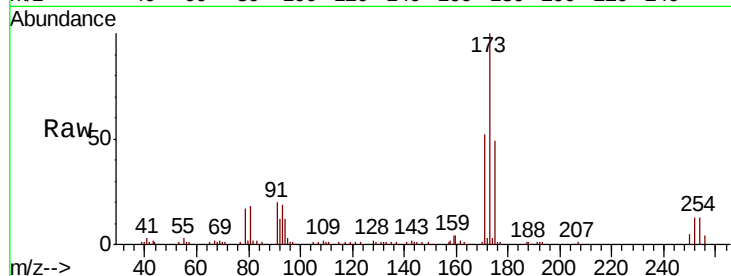
Tot Ion:173 Resp: 63811

Ion Ratio Lower Upper

173 100

175 49.2 24.3 72.9

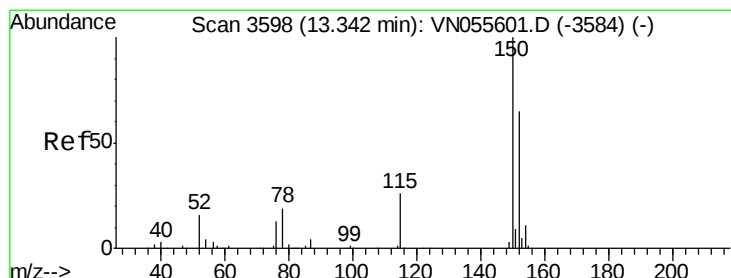
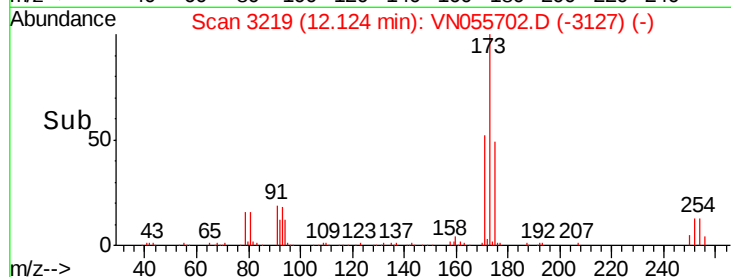
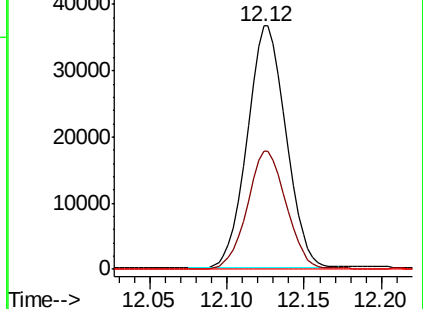
254 0.0 0.1 0.1#



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: VN055702.D

Acq: 21 May 2019 12:18

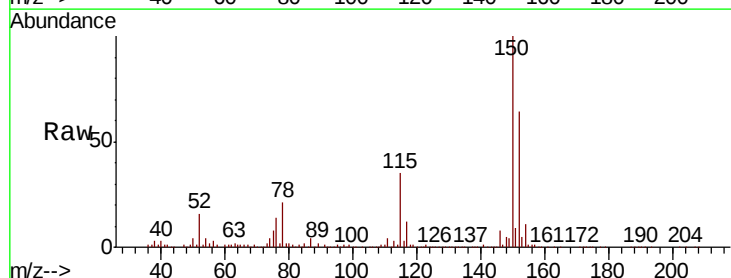
Tgt Ion:152 Resp: 171678

Ion Ratio Lower Upper

152 100

115 53.4 28.1 84.2

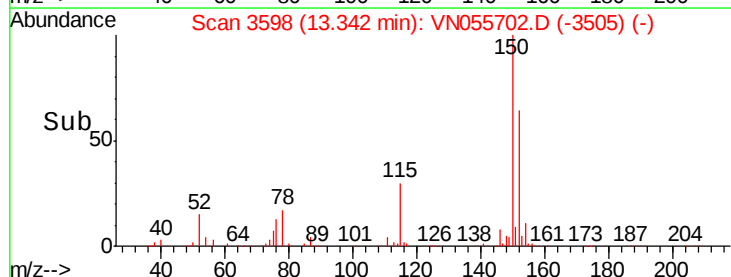
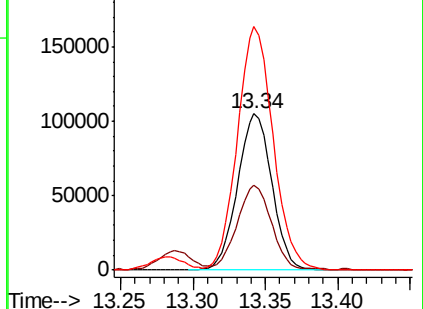
150 162.9 0.0 348.0

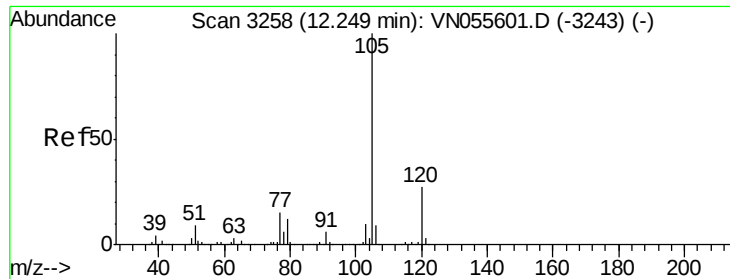


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 26.165 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

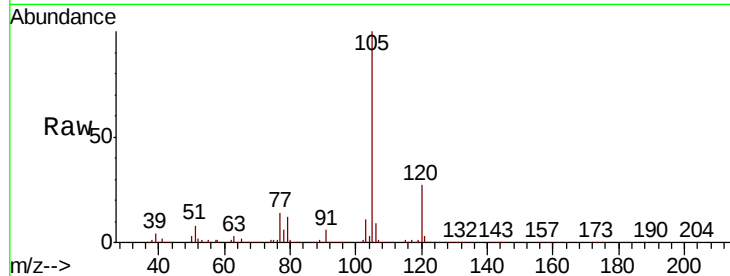
ClientSampleId :

Tot Ion:105 Resp: 329057

Ion Ratio Lower Upper

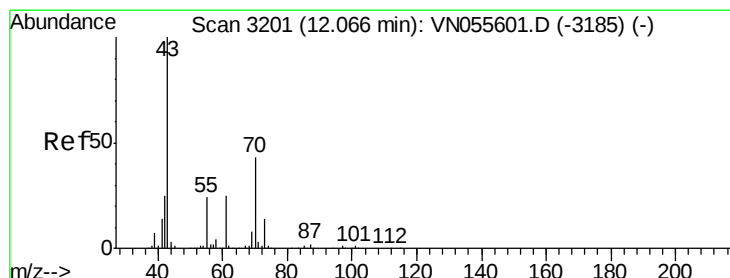
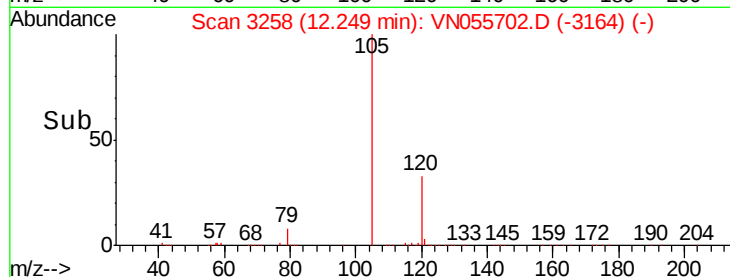
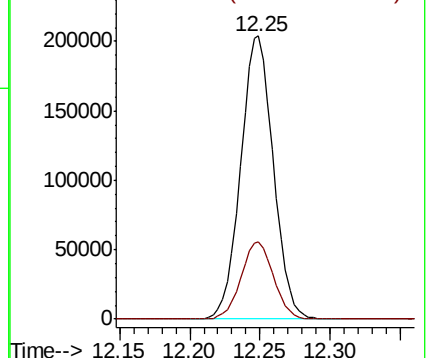
105 100

120 27.3 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: 23.596 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Tgt Ion: 43 Resp: 113749

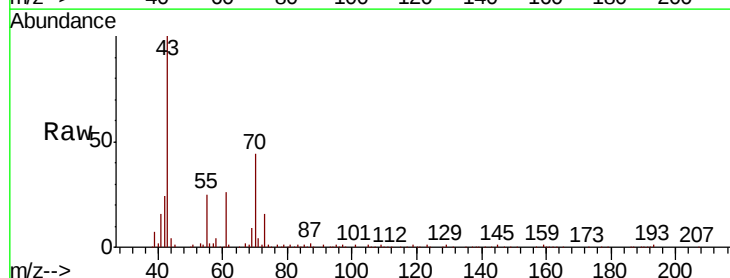
Ion Ratio Lower Upper

43 100

70 45.5 35.0 52.6

55 23.8 18.9 28.3

61 26.3 20.1 30.1

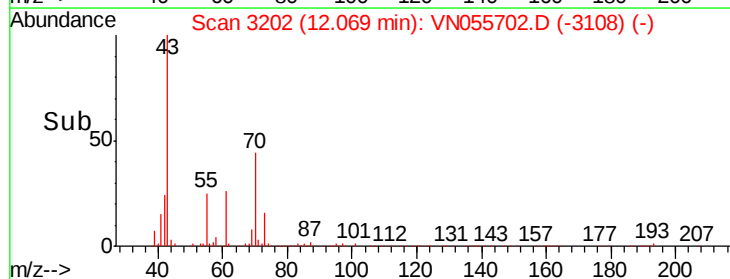
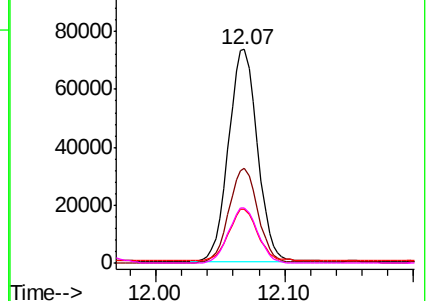


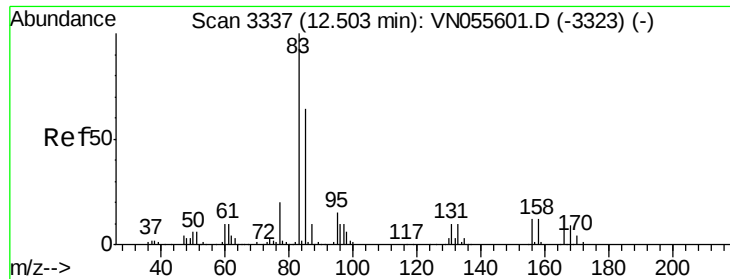
Abundance Ion 43.00 (42.70 to 43.70): V

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: 25.380 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

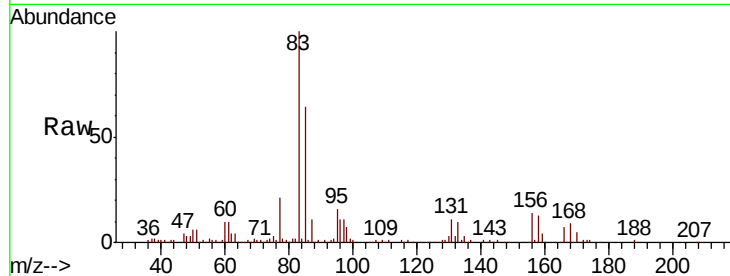
Tot Ion: 83 Resp: 99296

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

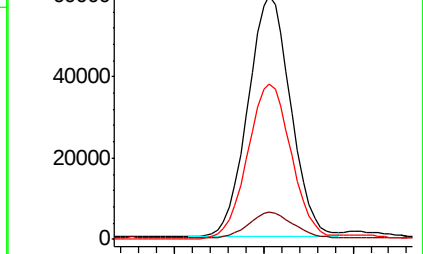
85 65.5 32.0 96.2



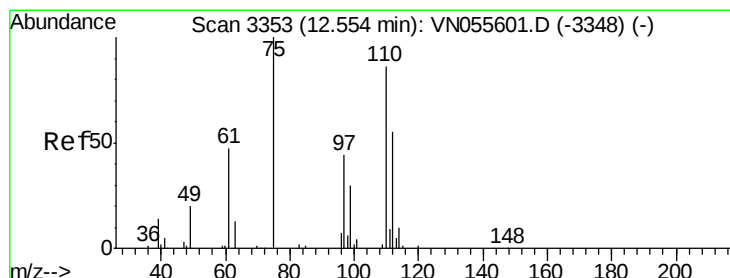
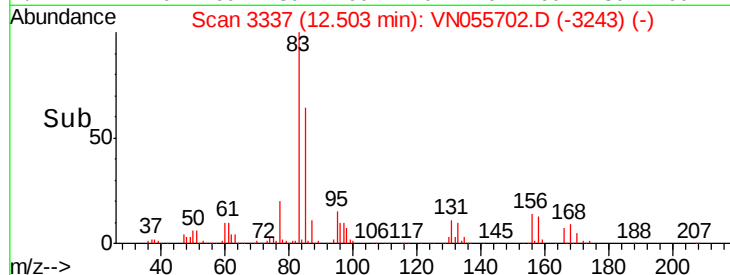
Abundance Ion 82.90 (82.60 to 83.60): VN055702.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055702.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055702.D (-3243) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 34.420 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055702.D

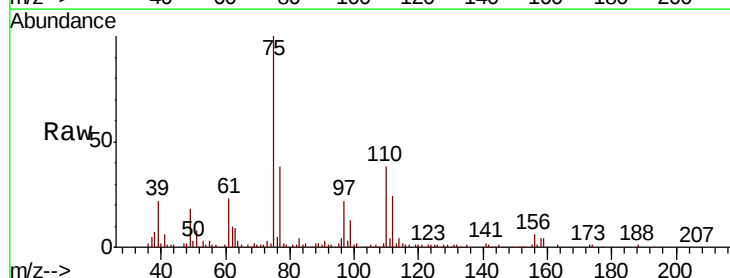
Acq: 21 May 2019 12:18

Tgt Ion: 75 Resp: 120579

Ion Ratio Lower Upper

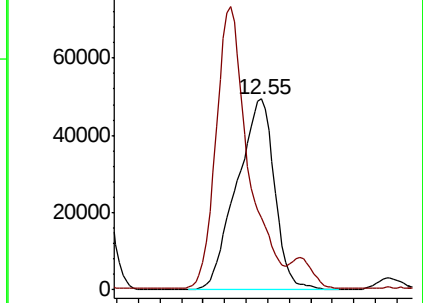
75 100

77 0.0 0.0 0.0

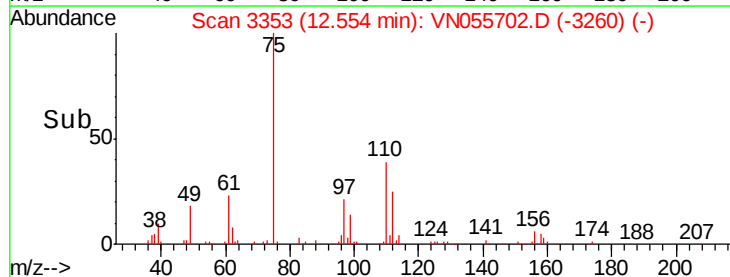


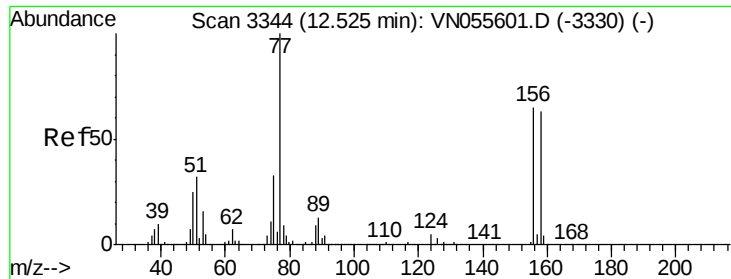
Abundance Ion 74.90 (74.60 to 75.60): VN055702.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055702.D (-3260) (-)



Time-->





#77

Bromobenzene

Concen: 26.145 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

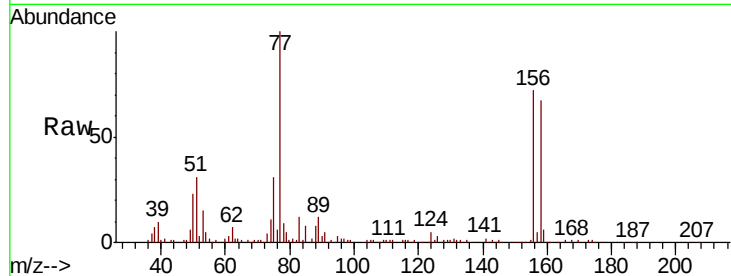
Tot Ion:156 Resp: 92183

Ion Ratio Lower Upper

156 100

77 164.9 94.5 283.5

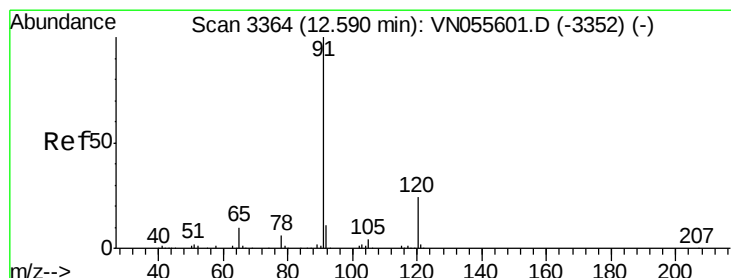
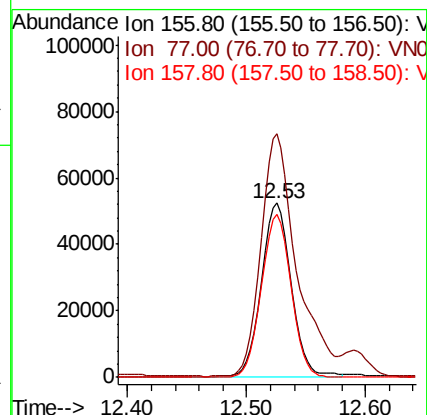
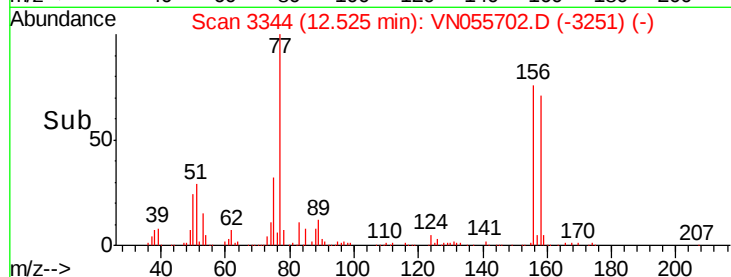
158 92.0 49.0 147.2



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: 22.496 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055702.D

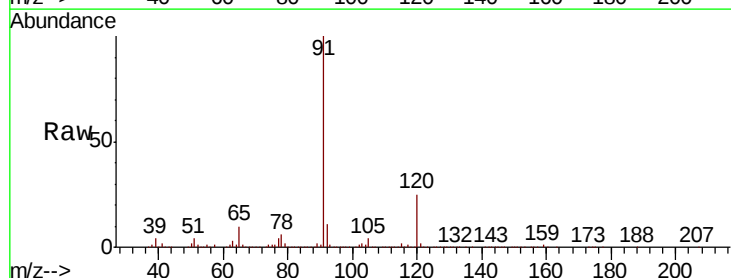
Acq: 21 May 2019 12:18

Tgt Ion: 91 Resp: 342966

Ion Ratio Lower Upper

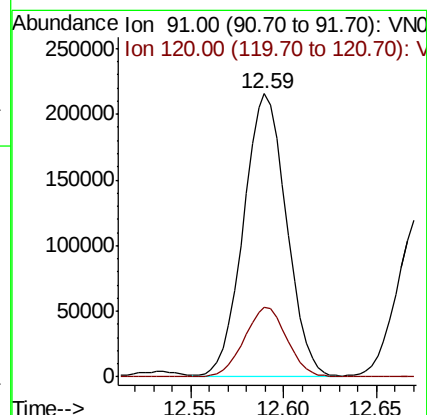
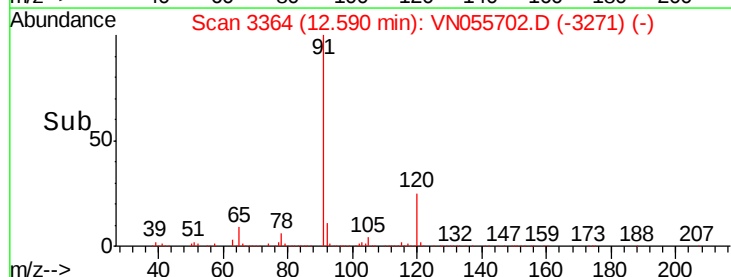
91 100

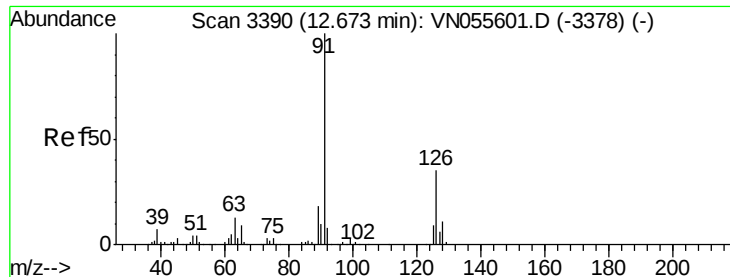
120 24.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 25.121 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

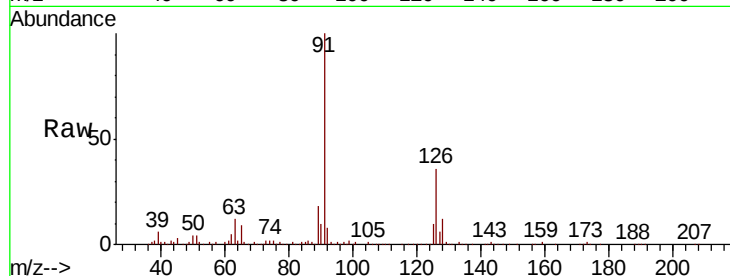
ClientSampled :

Tot Ion: 91 Resp: 211790

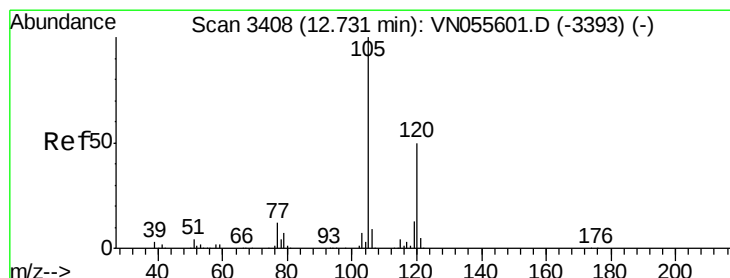
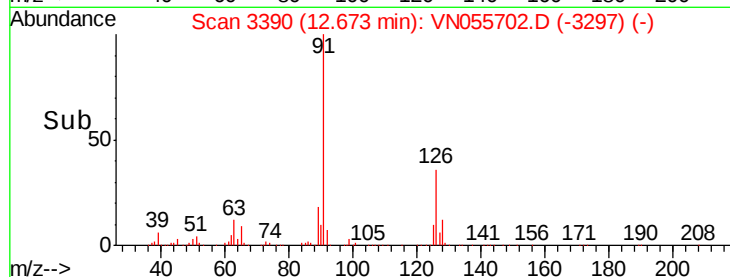
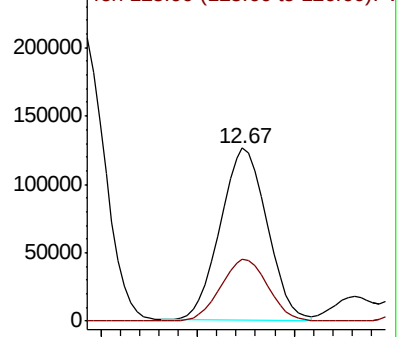
Ion Ratio Lower Upper

91 100

126 36.7 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VN055702.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 26.378 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055702.D

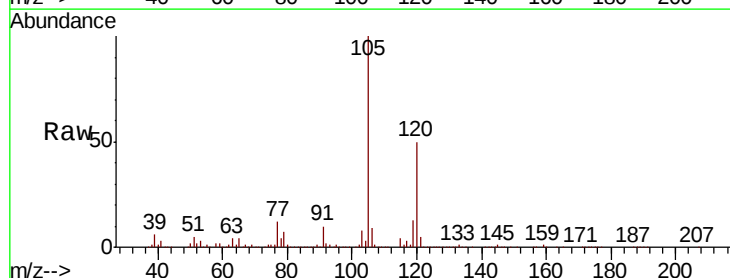
Acq: 21 May 2019 12:18

Tgt Ion:105 Resp: 281397

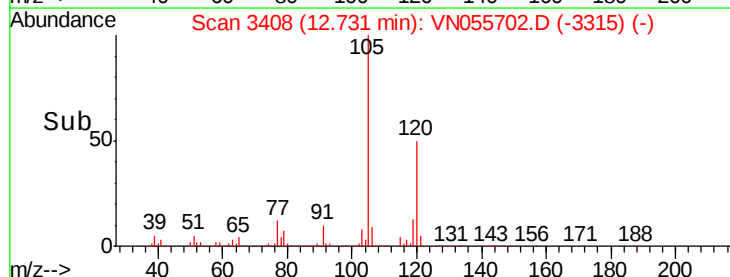
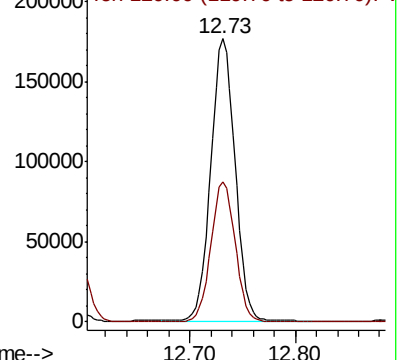
Ion Ratio Lower Upper

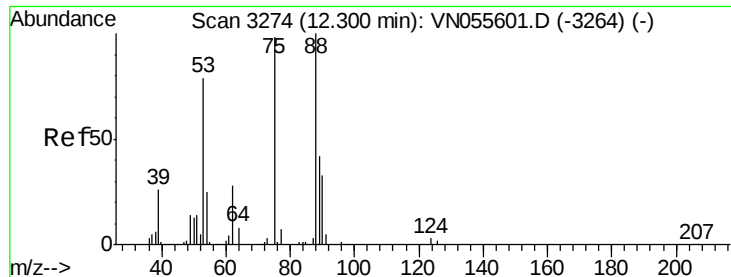
105 100

120 49.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN055702.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.477 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

ClientSampled :

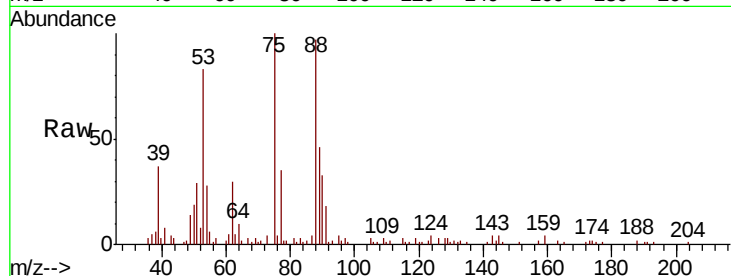
Tot Ion: 75 Resp: 29268

Ion Ratio Lower Upper

75 100

53 83.4 65.1 97.7

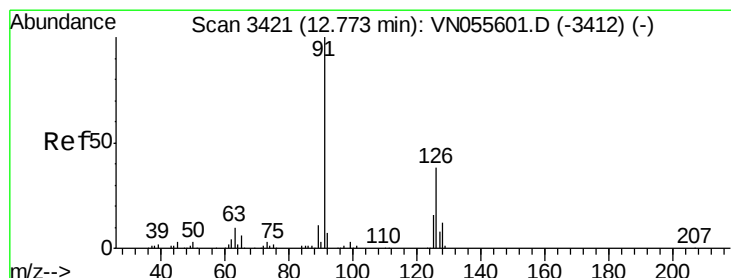
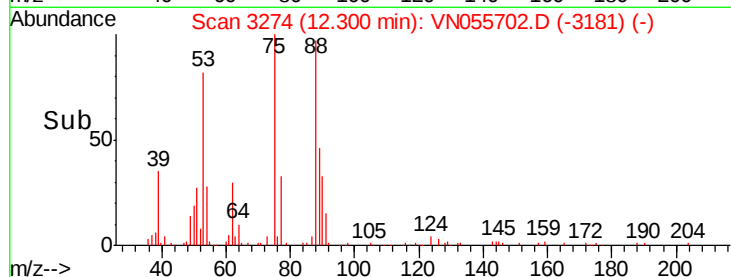
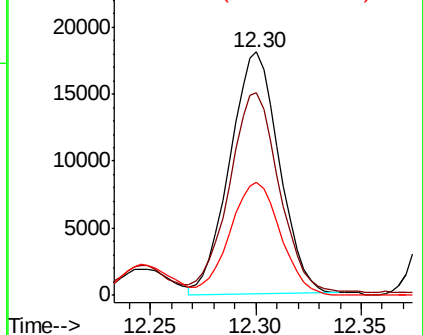
89 47.9 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VN055702.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055702.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055702.D (-3181) (-)



#82

4-Chlorotoluene

Concen: 22.411 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055702.D

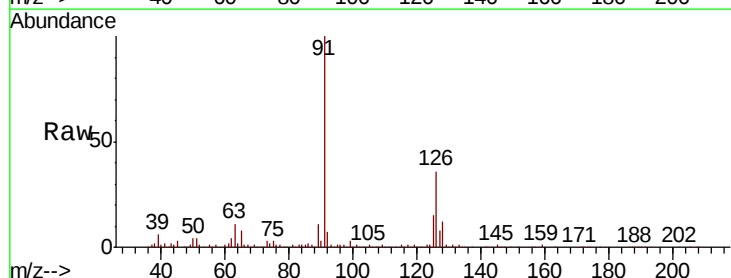
Acq: 21 May 2019 12:18

Tgt Ion: 91 Resp: 201306

Ion Ratio Lower Upper

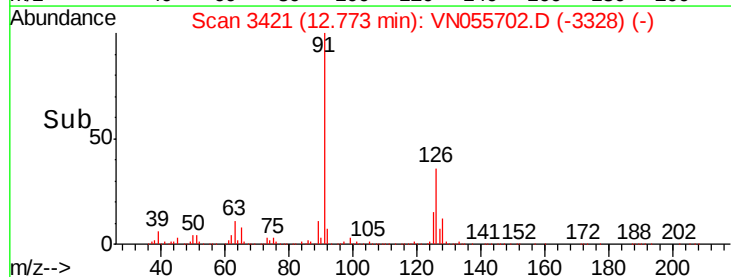
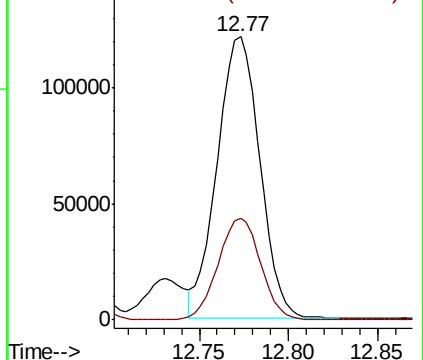
91 100

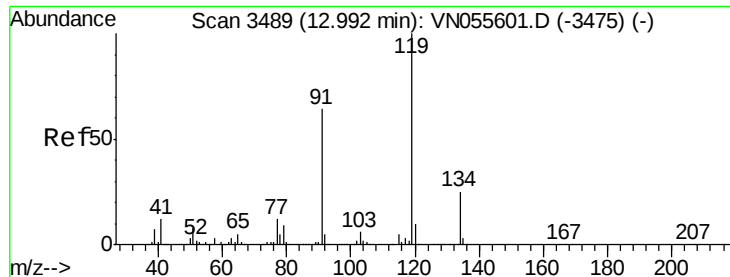
126 36.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN055702.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN055702.D (-3328) (-)

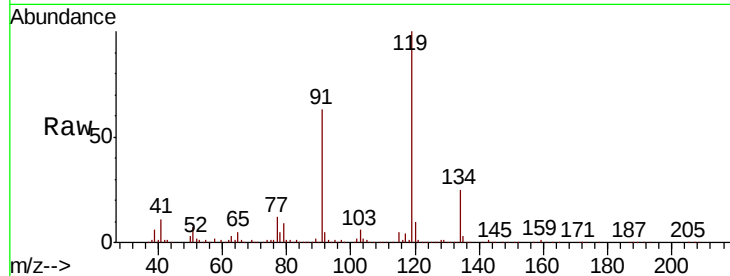




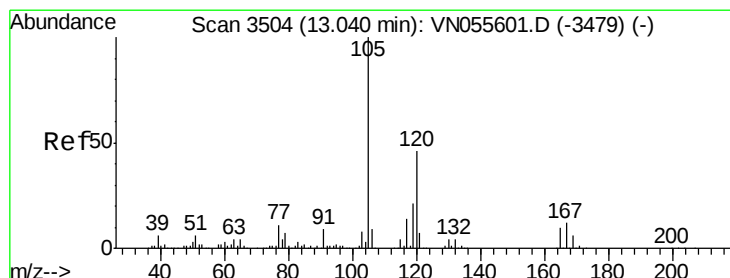
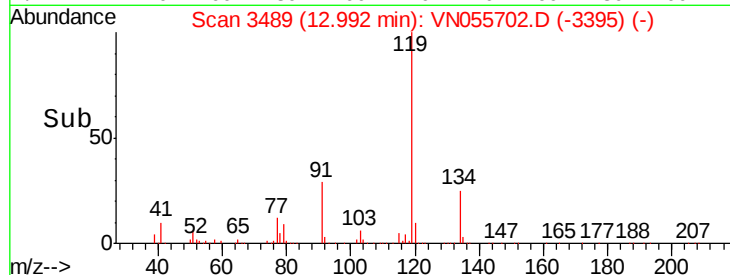
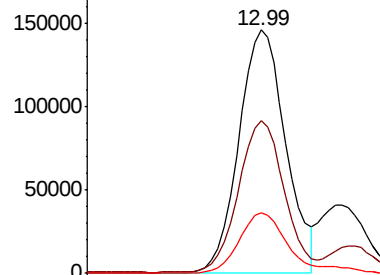
#83
tert-Butylbenzene
Concen: 26.770 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 245094
Ion Ratio Lower Upper
119 100
91 61.1 31.3 93.8
134 26.7 13.2 39.6

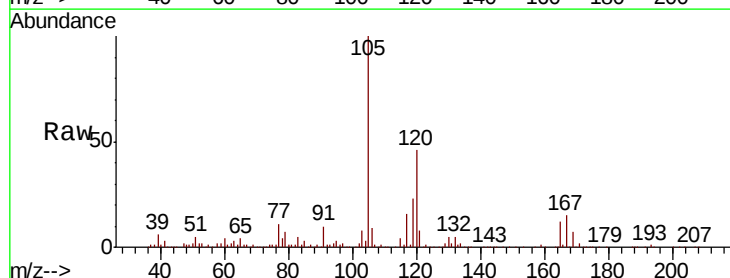


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

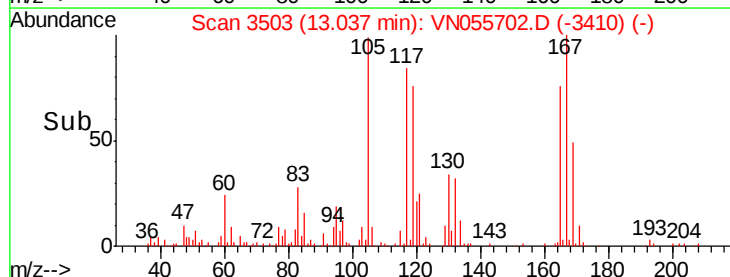
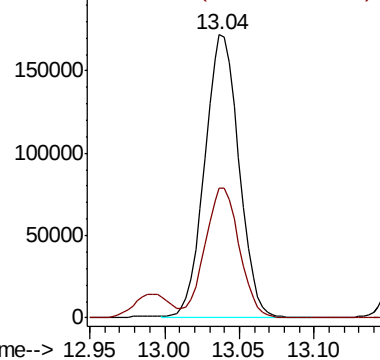


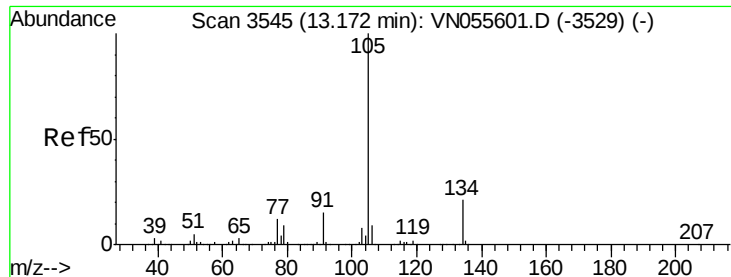
#84
1,2,4-Trimethylbenzene
Concen: 25.618 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion:105 Resp: 272002
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: 25.965 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

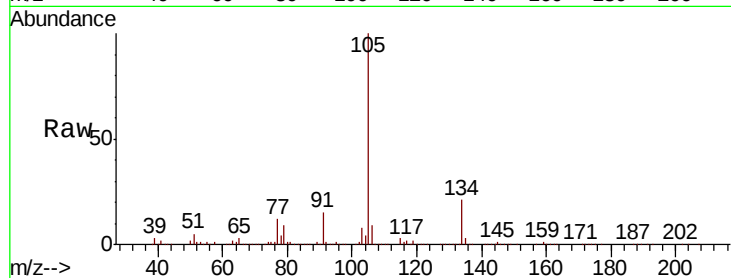
ClientSampled :

Tot Ion:105 Resp: 309809

Ion Ratio Lower Upper

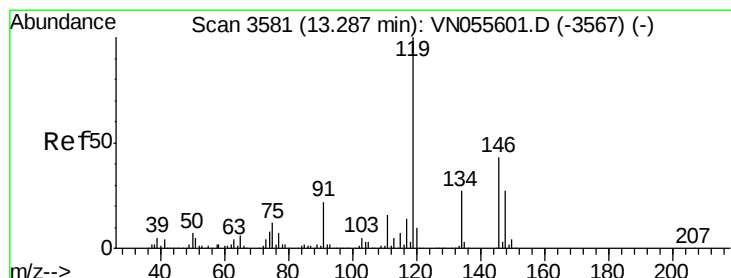
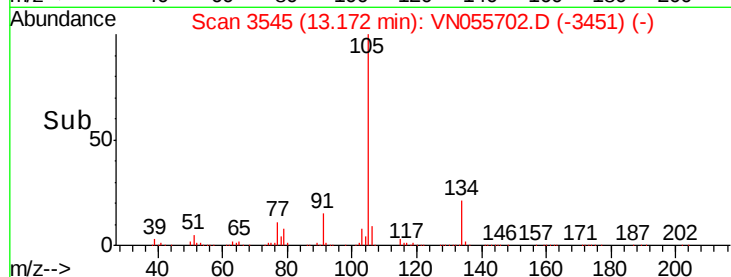
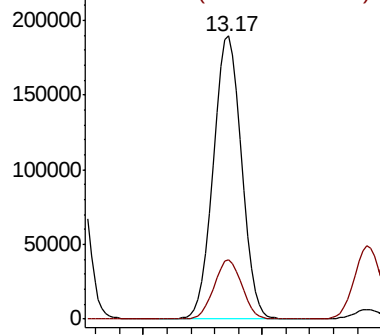
105 100

134 20.9 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: 25.942 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

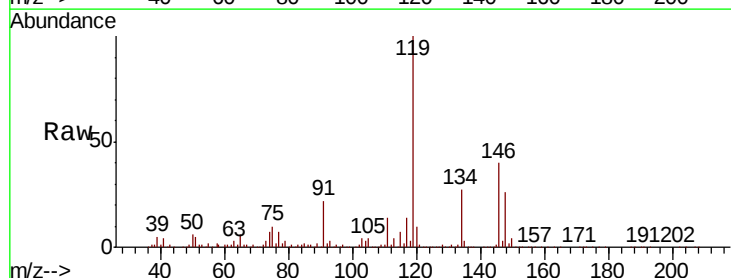
Tgt Ion:119 Resp: 286204

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

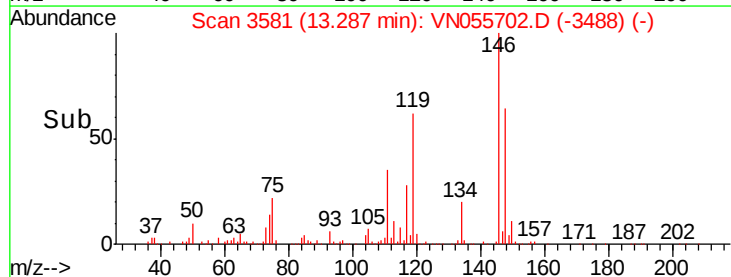
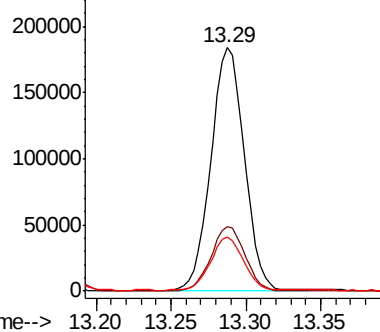
91 21.4 11.0 33.0

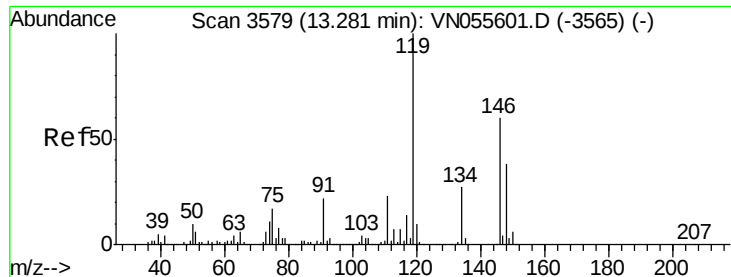


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 23.969 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

ClientSampled :

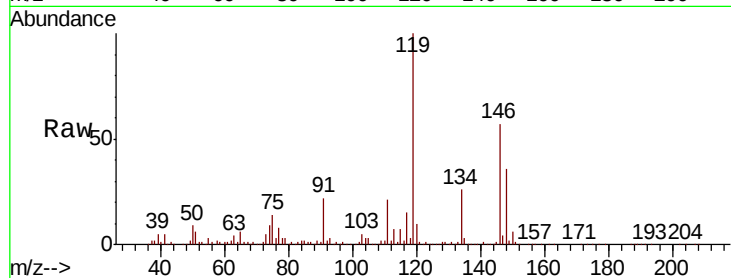
Tot Ion:146 Resp: 139727

Ion Ratio Lower Upper

146 100

111 35.9 18.9 56.9

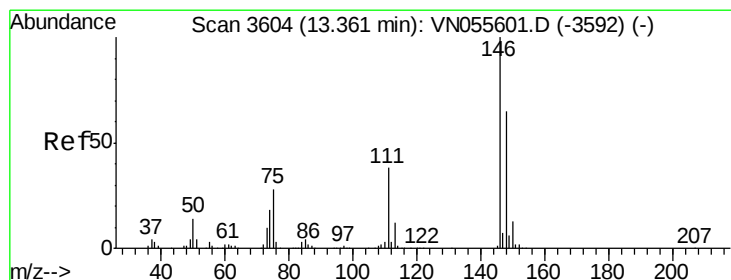
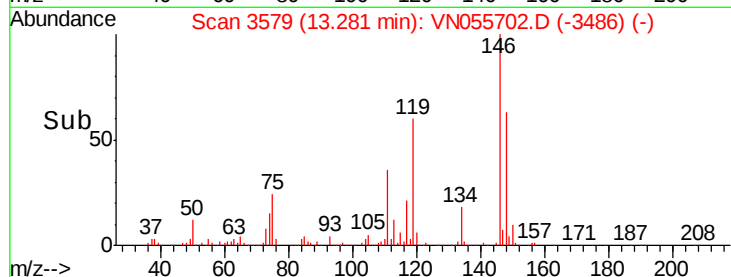
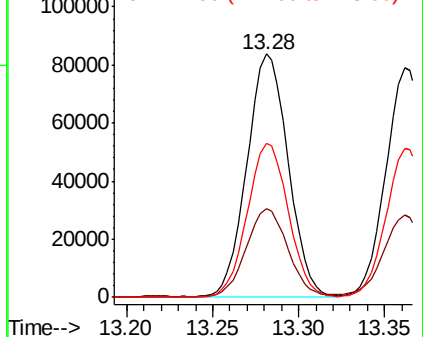
148 62.9 31.9 95.9



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



#88

1,4-Dichlorobenzene

Concen: 23.235 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

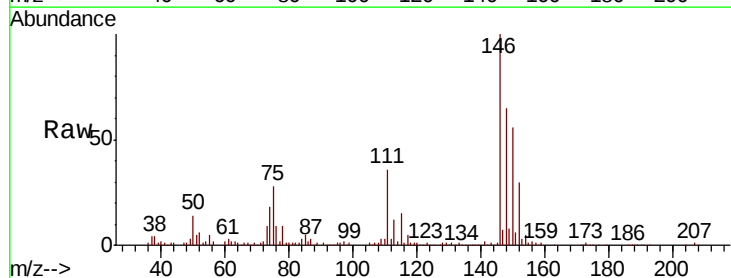
Tgt Ion:146 Resp: 129332

Ion Ratio Lower Upper

146 100

111 36.4 18.8 56.4

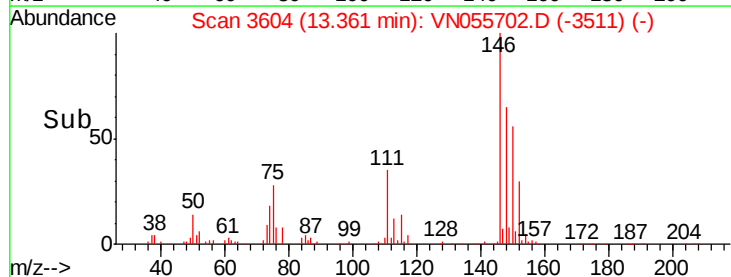
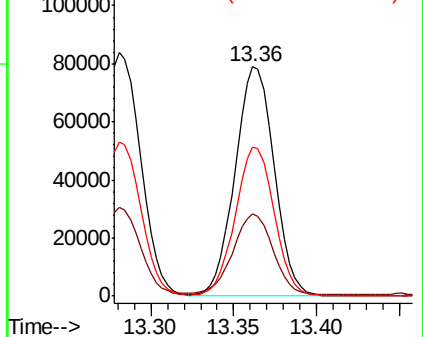
148 64.7 32.4 97.0

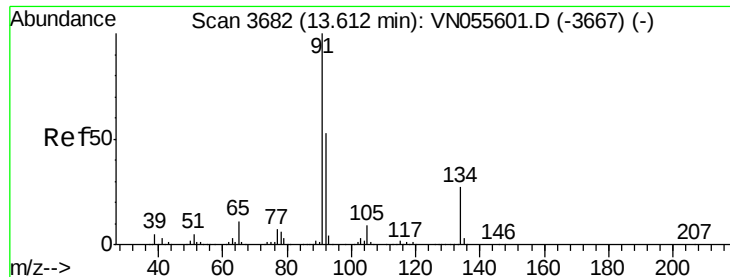


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

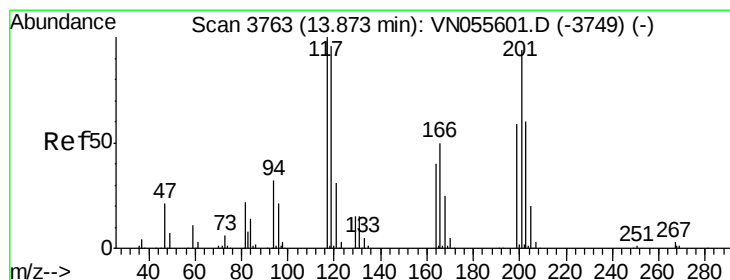
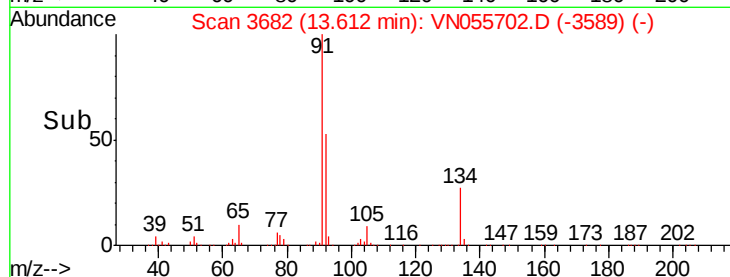
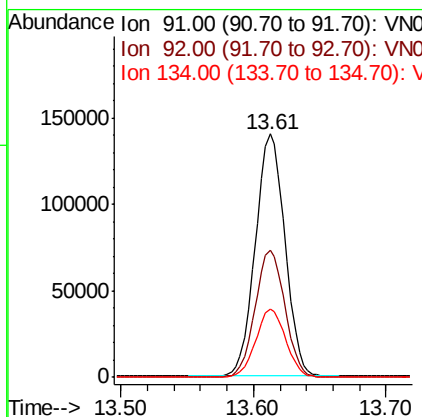
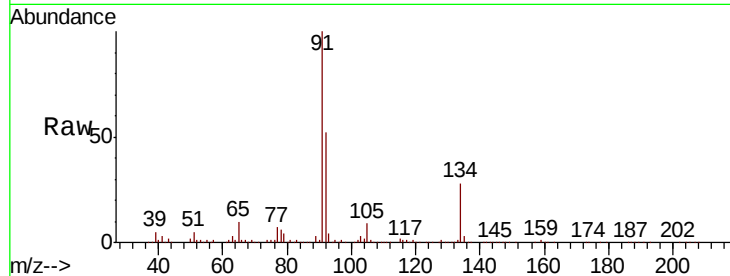




#89
n-Butylbenzene
Concen: 23.011 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

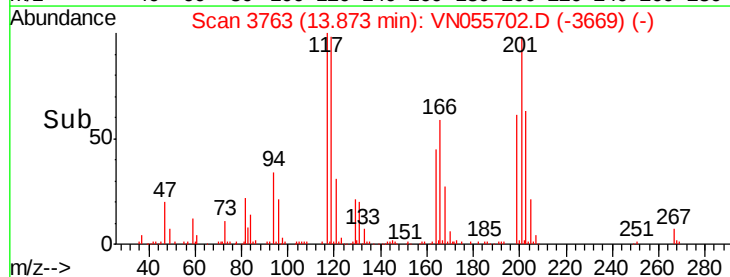
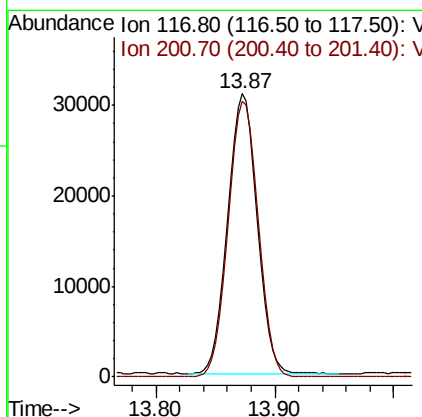
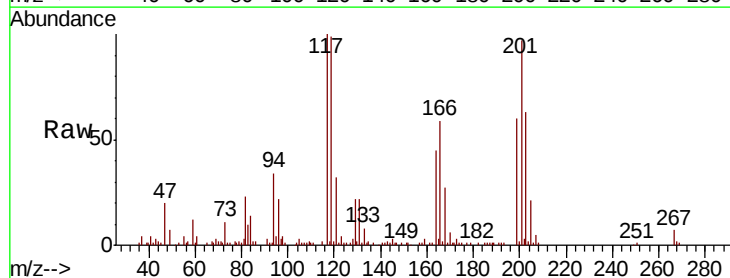
Instrument :
MSVOA_N
ClientSampleId :

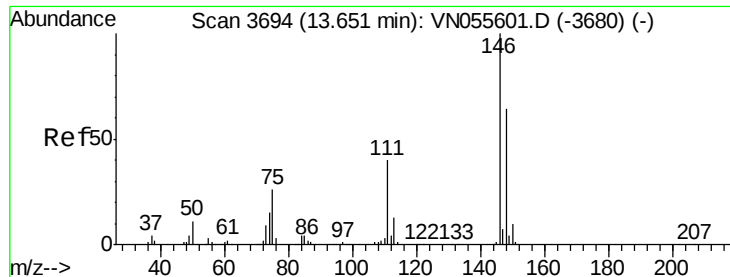
Tot Ion: 91 Resp: 216777
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 28.9 13.7 41.1



#90
Hexachloroethane
Concen: 25.033 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055702.D
Acq: 21 May 2019 12:18

Tgt Ion: 117 Resp: 53312
Ion Ratio Lower Upper
117 100
201 100.2 47.1 141.3





#91

1,2-Dichlorobenzene

Concen: 23.728 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

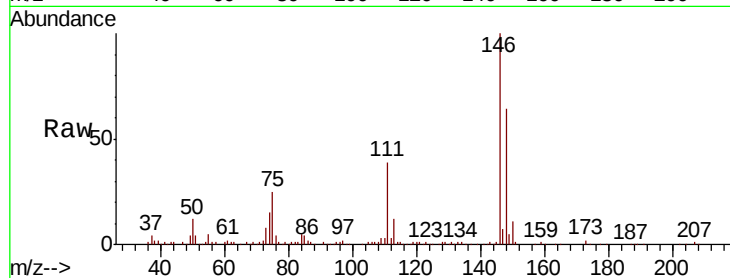
Tot Ion:146 Resp: 137887

Ion Ratio Lower Upper

146 100

111 37.7 19.7 59.0

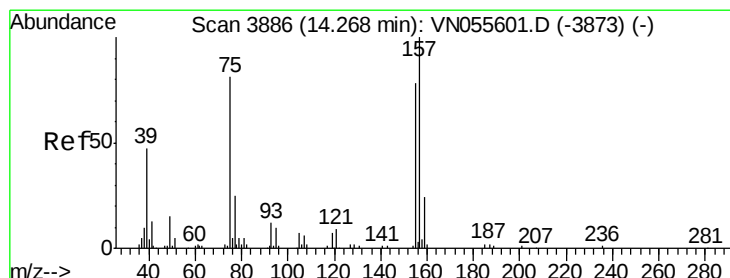
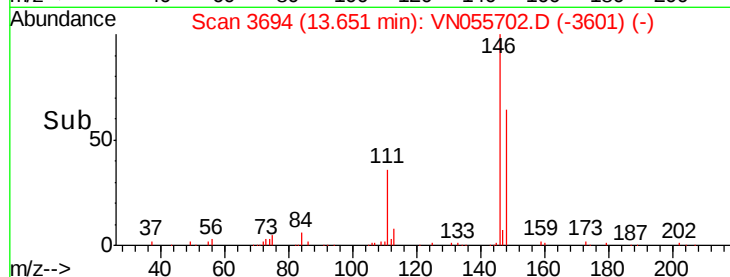
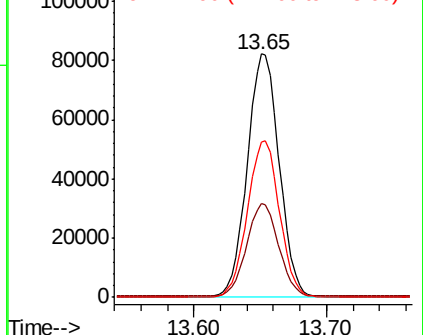
148 64.5 32.1 96.3



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: 23.297 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

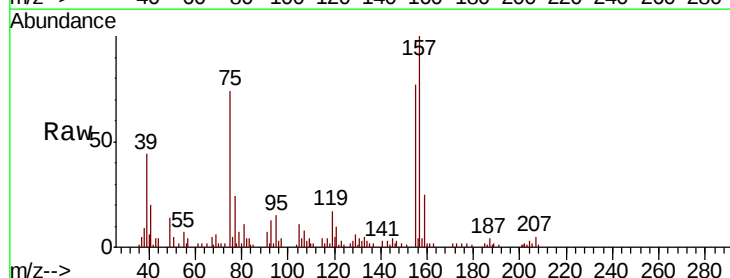
Tgt Ion: 75 Resp: 18151

Ion Ratio Lower Upper

75 100

155 105.6 48.4 145.0

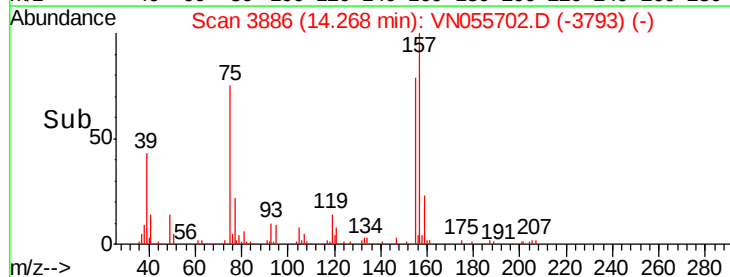
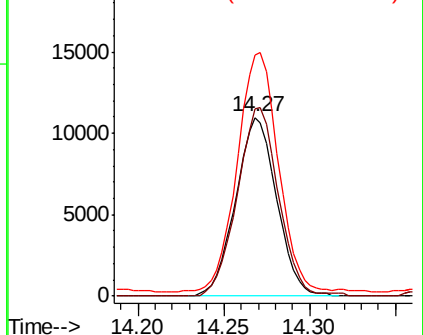
157 134.5 62.3 186.8

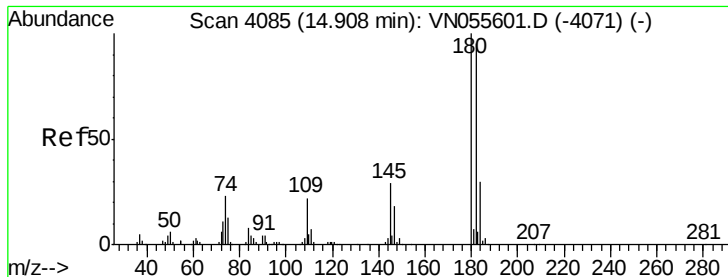


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

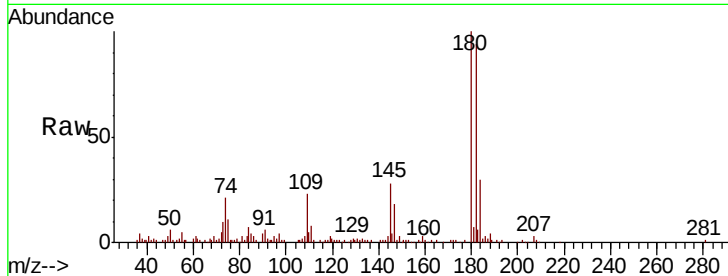




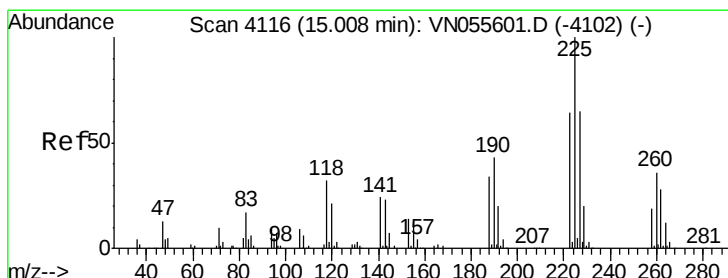
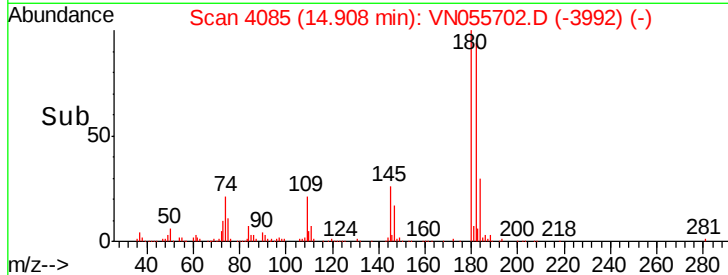
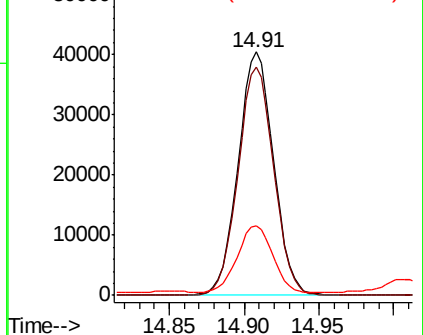
#93
 1,2,4-Trichlorobenzene
 Concen: 22.532 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 66650
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.9 143.6
 145 26.9 14.3 42.9

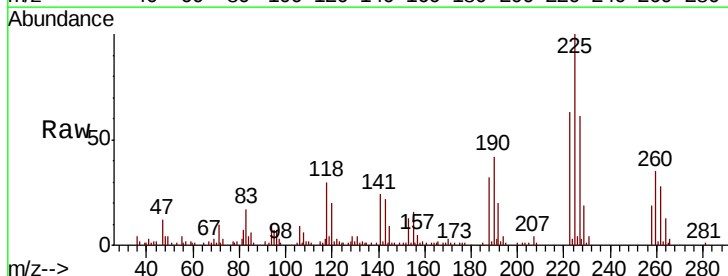


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

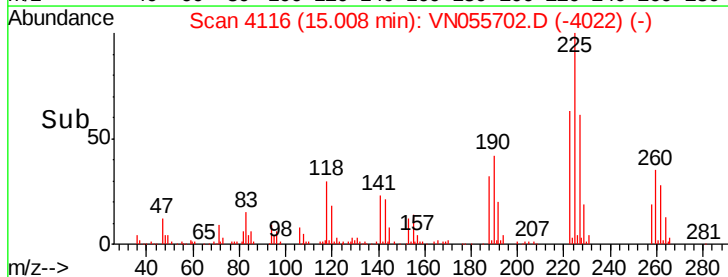
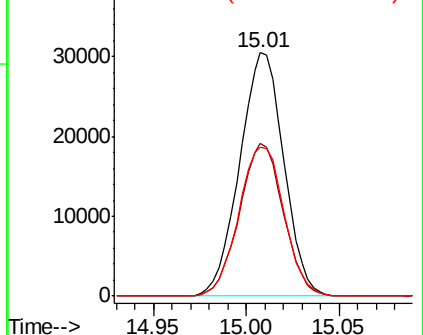


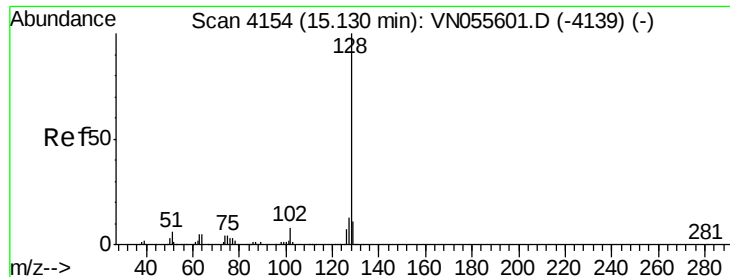
#94
 Hexachlorobutadiene
 Concen: 26.863 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055702.D
 Acq: 21 May 2019 12:18

Tgt Ion:225 Resp: 50368
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 94.7
 227 63.1 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.789 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

Instrument :

MSVOA_N

ClientSampleId :

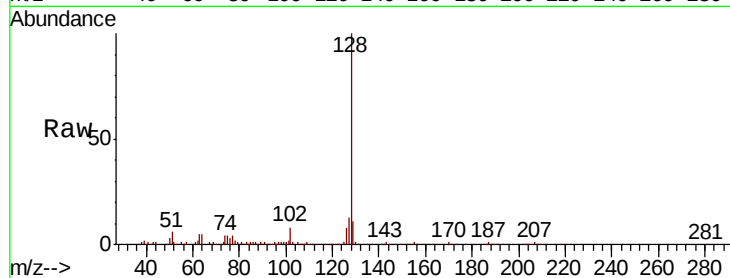
Tot Ion:128 Resp: 194563

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

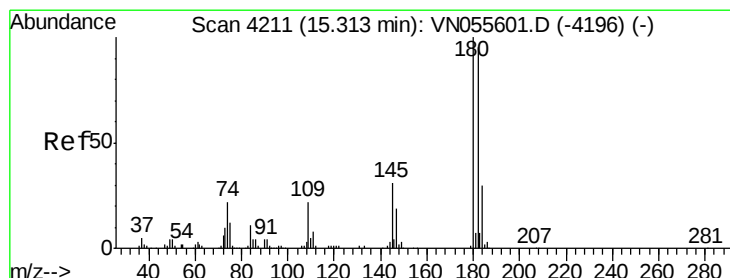
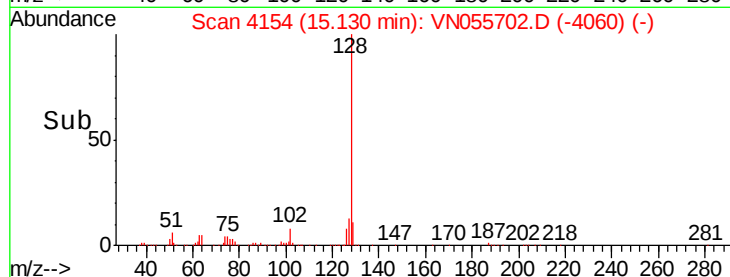
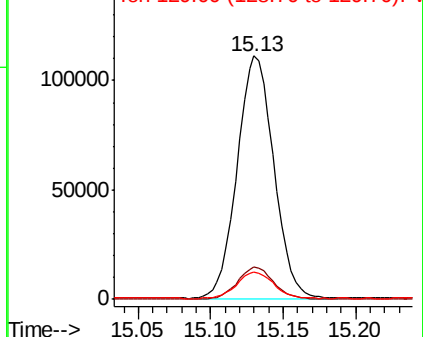
129 10.8 8.6 12.8



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: 22.842 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055702.D

Acq: 21 May 2019 12:18

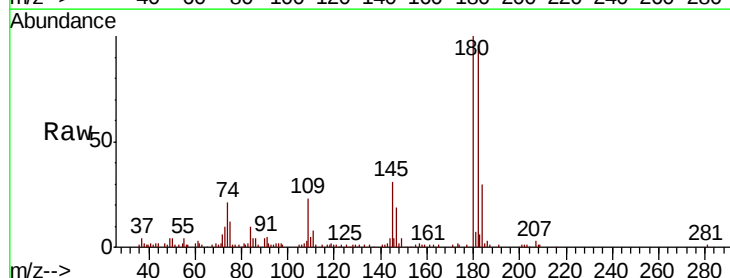
Tgt Ion:180 Resp: 70648

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.6

145 30.5 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

