

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055599.D
 Acq On : 17 May 2019 9:53
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 17 23:22:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:16:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	320887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	488718	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	401702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155367	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	17162	5.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.32%	
35) Dibromofluoromethane	7.59	113	14698	4.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.16%	
50) Toluene-d8	10.09	98	54758	4.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.52%	
62) 4-Bromofluorobenzene	12.40	95	17283	4.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	13046	4.819	ug/l	99
3) Chloromethane	2.06	50	17030	5.034	ug/l	98
4) Vinyl Chloride	2.18	62	18782	5.129	ug/l	97
5) Bromomethane	2.57	94	12439	4.691	ug/l	94
6) Chloroethane	2.71	64	10081	4.307	ug/l	98
7) Trichlorofluoromethane	3.03	101	23952	4.627	ug/l	98
8) Diethyl Ether	3.41	74	9361	5.000	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.76	101	14542	4.625	ug/l	97
10) Methyl Iodide	3.96	142	19273	4.212	ug/l	97
11) Tert butyl alcohol	4.77	59	16562	55.445	ug/l	98
12) 1,1-Dichloroethene	3.74	96	15507	5.233	ug/l	99
13) Acrolein	3.61	56	11309	67.357	ug/l	100
14) Allyl chloride	4.33	41	24302	5.347	ug/l	93
15) Acrylonitrile	4.99	53	36234	32.933	ug/l #	89
16) Acetone	3.82	43	36350	36.501	ug/l	96
17) Carbon Disulfide	4.06	76	42188	4.674	ug/l	99
18) Methyl Acetate	4.33	43	15521	6.732	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	49095	6.266	ug/l	97
20) Methylene Chloride	4.56	84	16825	5.013	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	16255	5.229	ug/l	95
22) Diisopropyl ether	5.95	45	47404	5.607	ug/l	94
23) Vinyl Acetate	5.90	43	199042	31.586	ug/l	100
24) 1,1-Dichloroethane	5.85	63	28117	4.970	ug/l	96
25) 2-Butanone	6.83	43	49105	37.592	ug/l	98
26) 2,2-Dichloropropane	6.83	77	25436	5.808	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	18770	5.368	ug/l	99
28) Bromochloromethane	7.20	49	12220	4.946	ug/l	100
29) Tetrahydrofuran	7.21	42	31868	37.864	ug/l	96
30) Chloroform	7.37	83	29015	5.105	ug/l	98
31) Cyclohexane	7.66	56	31253	5.312	ug/l #	85
32) 1,1,1-Trichloroethane	7.57	97	25900	5.293	ug/l	98
36) 1,1-Dichloropropene	7.79	75	21362	4.782	ug/l	99
37) Ethyl Acetate	6.93	43	19009	6.961	ug/l	95
38) Carbon Tetrachloride	7.77	117	23613	4.922	ug/l	98

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 Data File : VN055599.D
 Acq On : 17 May 2019 9:53
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 17 23:22:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:16:47 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.08	83	27007	5.275	ug/l	99
40) Benzene	8.04	78	65266	4.973	ug/l	100
41) Methacrylonitrile	7.21	41	29116	20.857	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	21354	5.339	ug/l	96
43) Isopropyl Acetate	8.16	43	33417	6.467	ug/l	98
44) Trichloroethene	8.83	130	18191	4.945	ug/l	99
45) 1,2-Dichloropropane	9.12	63	17163	5.094	ug/l	97
46) Dibromomethane	9.21	93	11264	5.474	ug/l	98
47) Bromodichloromethane	9.40	83	23101	5.349	ug/l	98
48) Methyl methacrylate	9.20	41	15100	6.788	ug/l	98
49) 1,4-Dioxane	9.20	88	5583	154.837	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	99119	40.238	ug/l	100
52) Toluene	10.16	92	39337	5.071	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	24121	5.661	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	26763	5.446	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	16466	5.685	ug/l	98
56) Ethyl methacrylate	10.43	69	24089	6.955	ug/l	97
57) 1,3-Dichloropropane	10.71	76	25404	5.295	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	52129	34.178	ug/l	100
59) 2-Hexanone	10.75	43	65635	38.769	ug/l	100
60) Dibromochloromethane	10.90	129	18381	5.476	ug/l	98
61) 1,2-Dibromoethane	11.00	107	15876	5.503	ug/l	99
64) Tetrachloroethene	10.63	164	17083	4.834	ug/l	98
65) Chlorobenzene	11.43	112	40757	4.862	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	17019	5.513	ug/l	99
67) Ethyl Benzene	11.51	91	73494	5.376	ug/l	99
68) m/p-Xylenes	11.62	106	55830	10.616	ug/l	100
69) o-Xylene	11.95	106	27090	5.340	ug/l	98
70) Styrene	11.96	104	43100	5.363	ug/l	99
71) Bromoform	12.13	173	13463	5.905	ug/l #	99
73) Isopropylbenzene	12.25	105	73200	6.651	ug/l	100
74) N-amyl acetate	12.07	43	23730	8.445	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	21667	7.883	ug/l	96
76) 1,2,3-Trichloropropane	12.55	75	26485	11.095	ug/l #	100
77) Bromobenzene	12.53	156	16980	5.772	ug/l	99
78) n-propylbenzene	12.59	91	76113	6.215	ug/l	100
79) 2-Chlorotoluene	12.67	91	46929	6.339	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	60386	6.616	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	6565	8.497	ug/l	99
82) 4-Chlorotoluene	12.77	91	43169	5.862	ug/l	99
83) tert-Butylbenzene	12.99	119	54862	6.724	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	59270	6.503	ug/l	99
85) sec-Butylbenzene	13.17	105	68251	6.248	ug/l	100
86) p-Isopropyltoluene	13.29	119	61029	6.393	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	26757	5.230	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	24907	4.842	ug/l	95
89) n-Butylbenzene	13.61	91	46495	5.940	ug/l	100
90) Hexachloroethane	13.87	117	11972	6.440	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	27687	5.505	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	3843	8.863	ug/l	99

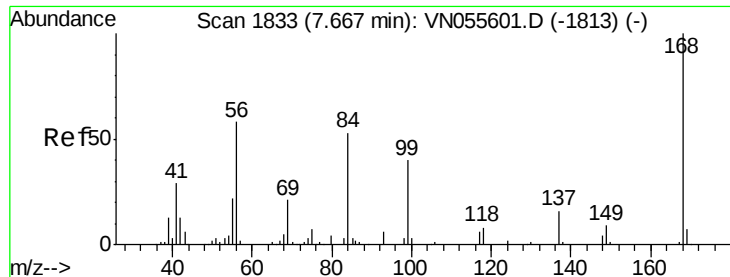
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
Data File : VN055599.D
Acq On : 17 May 2019 9:53
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 17 23:22:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:16:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	11449	4.356	ug/l	96
94) Hexachlorobutadiene	15.01	225	10693	5.119	ug/l	98
95) Naphthalene	15.13	128	27577	5.219	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	12568	4.904	ug/l	99

(#) = 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: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

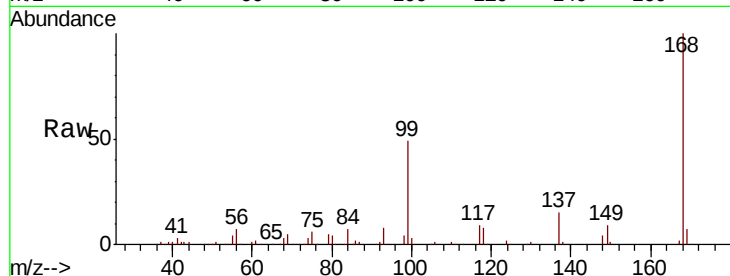
ClientSampled :

Tot Ion:168 Resp: 320887

Ion Ratio Lower Upper

168 100

99 48.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055599.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055599.D (-1740) (-)

7.67

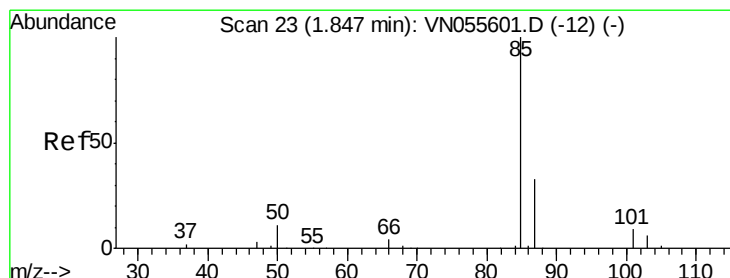
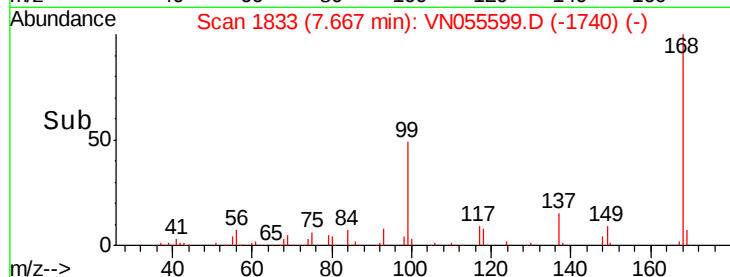
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 4.819 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055599.D

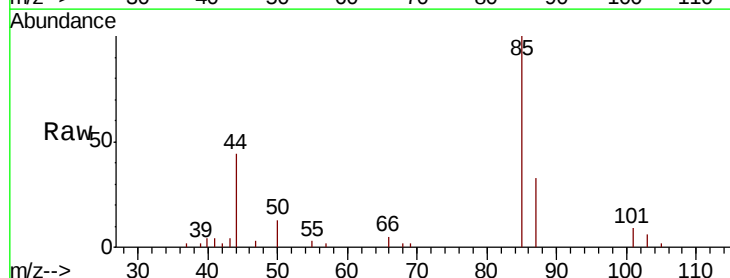
Acq: 17 May 2019 9:53

Tgt Ion: 85 Resp: 13046

Ion Ratio Lower Upper

85 100

87 32.7 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN055599.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN055599.D (-1) (-)

1.85

8000

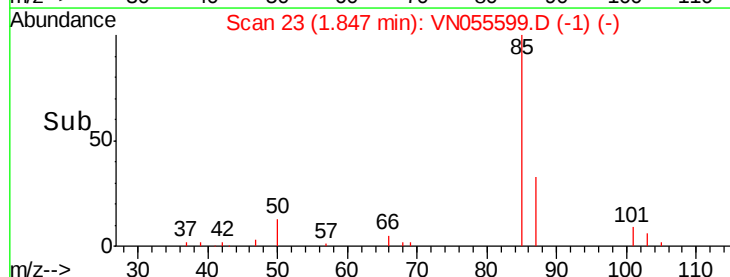
6000

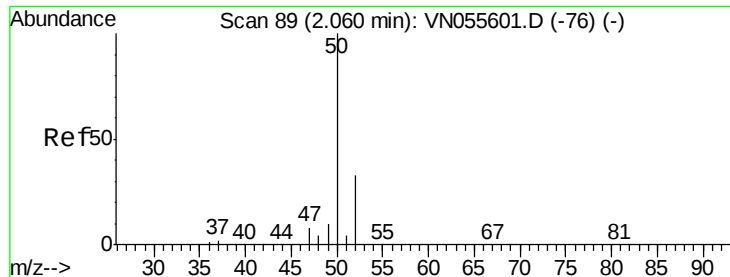
4000

2000

0

Time-->





#3

Chloromethane

Concen: 5.034 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

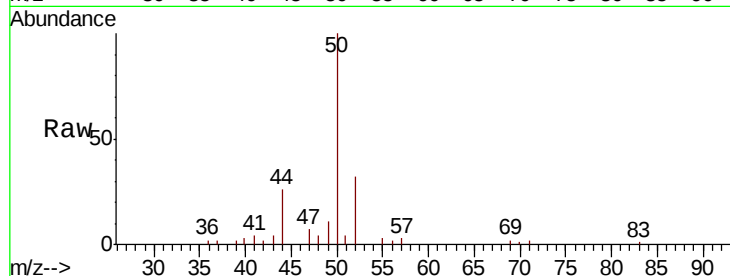
ClientSampled :

Tot Ion: 50 Resp: 17030

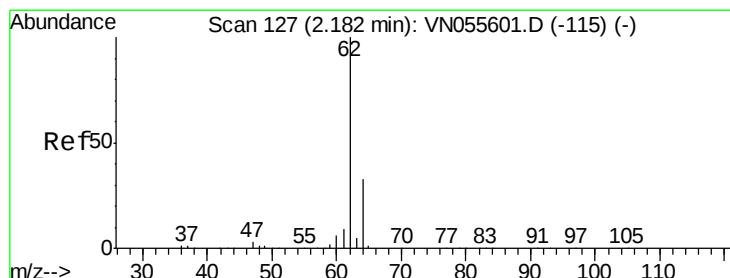
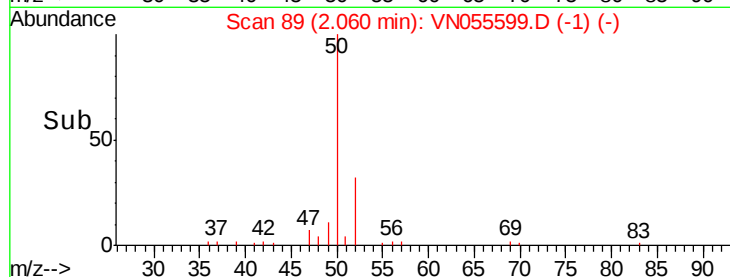
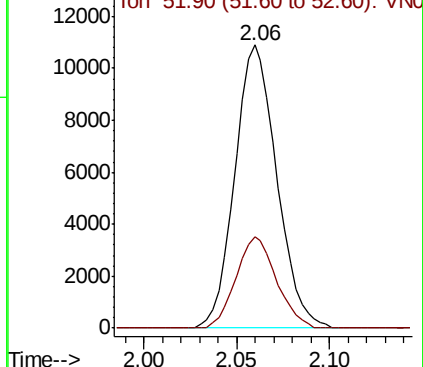
Ion Ratio Lower Upper

50 100

52 32.1 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN055599.D (-1) (-)



#4

Vinyl Chloride

Concen: 5.129 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055599.D

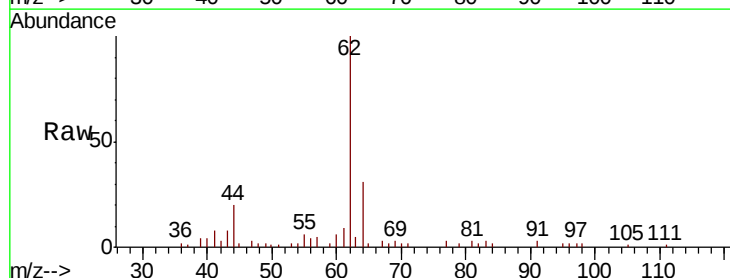
Acq: 17 May 2019 9:53

Tgt Ion: 62 Resp: 18782

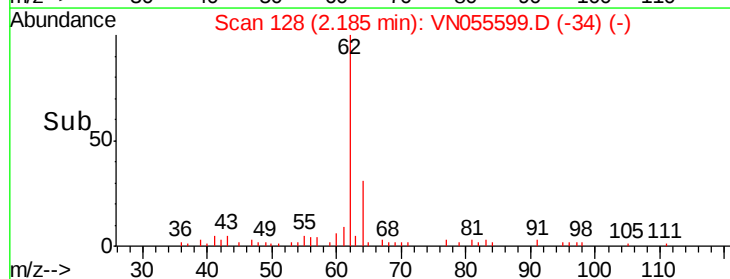
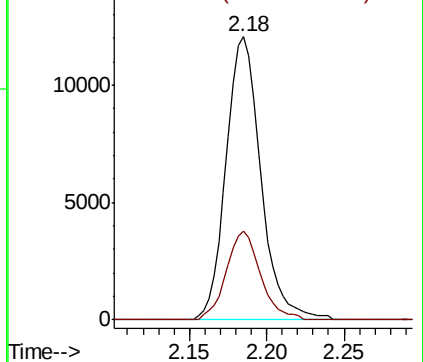
Ion Ratio Lower Upper

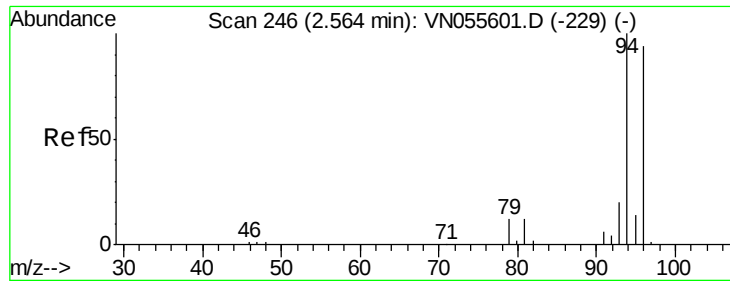
62 100

64 31.3 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN055599.D (-34) (-)

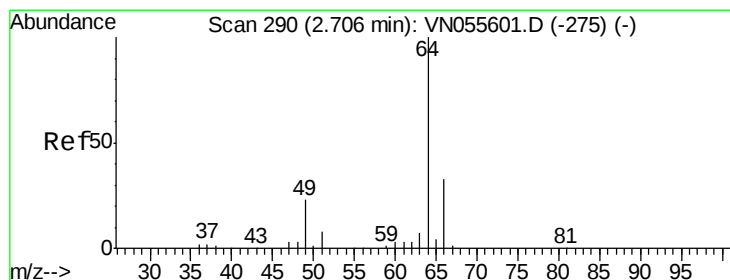
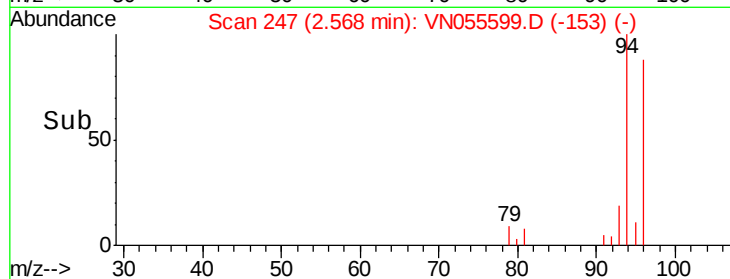
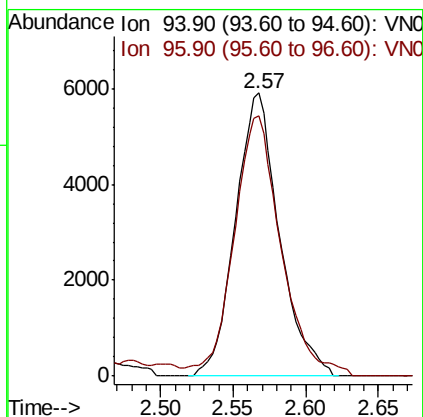
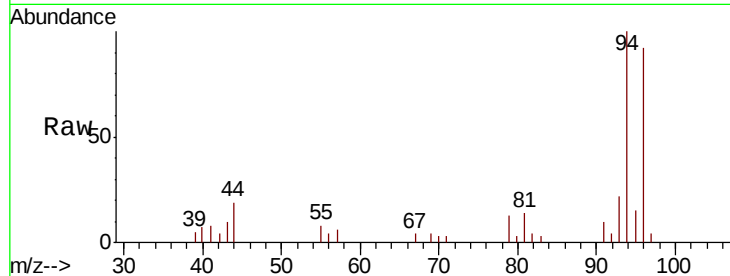




#5
Bromomethane
Concen: 4.691 ug/l
RT: 2.57 min Scan# 247
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

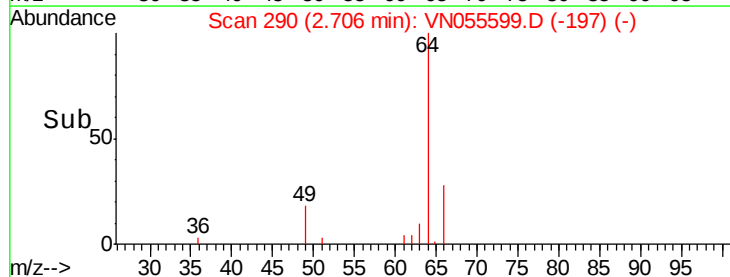
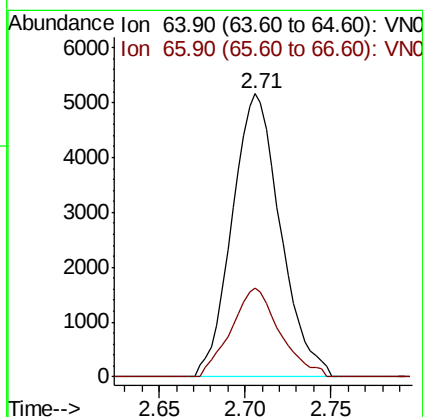
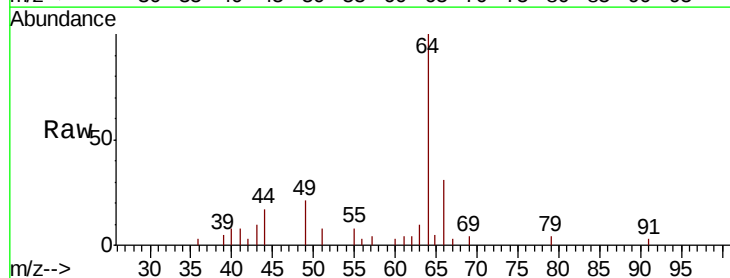
Instrument :
MSVOA_N
ClientSampleId :

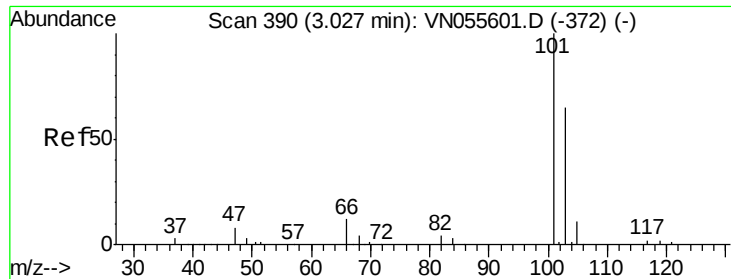
Tot Ion: 94 Resp: 12439
Ion Ratio Lower Upper
94 100
96 88.5 75.2 112.8



#6
Chloroethane
Concen: 4.307 ug/l
RT: 2.71 min Scan# 290
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion: 64 Resp: 10081
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4



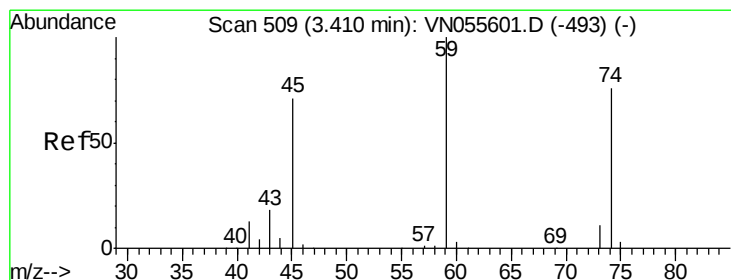
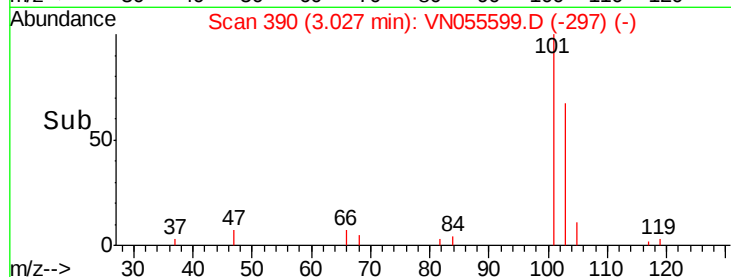
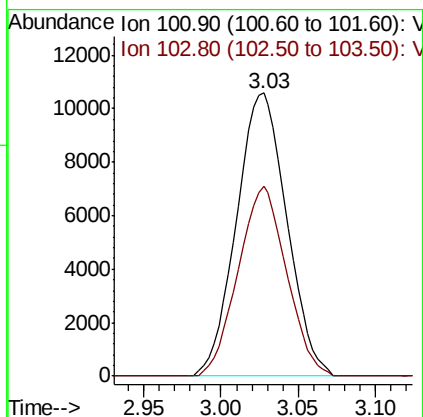
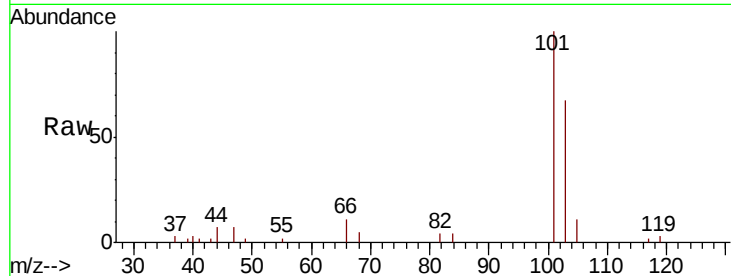


#7

Trichlorofluoromethane
Concen: 4.627 ug/l
RT: 3.03 min Scan# 390
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Instrument :
MSVOA_N
ClientSampled :

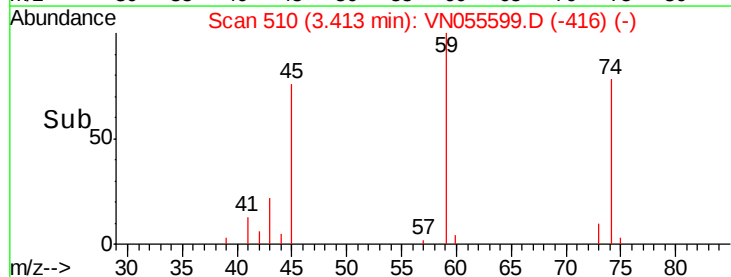
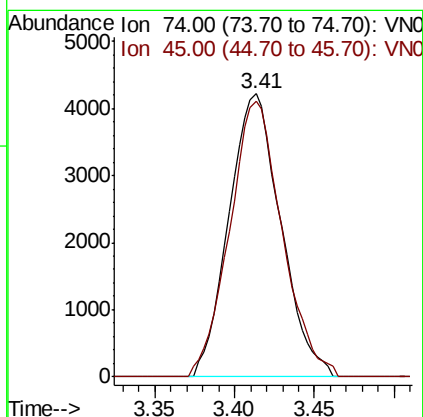
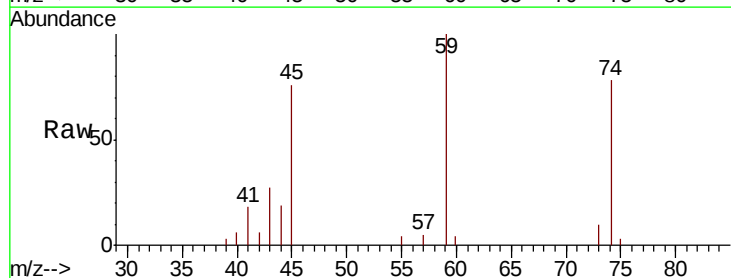
Tot Ion:101 Resp: 23952
Ion Ratio Lower Upper
101 100
103 67.2 52.3 78.5

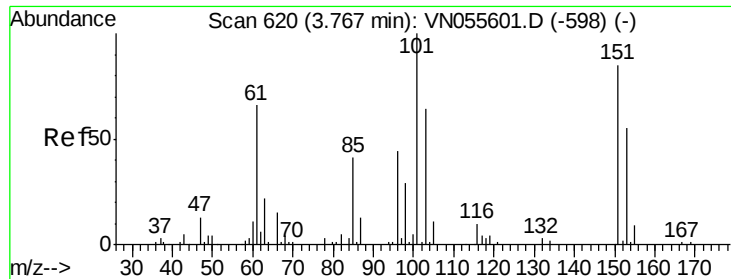


#8

Diethyl Ether
Concen: 5.000 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion: 74 Resp: 9361
Ion Ratio Lower Upper
74 100
45 98.6 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.625 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

ClientSampleId :

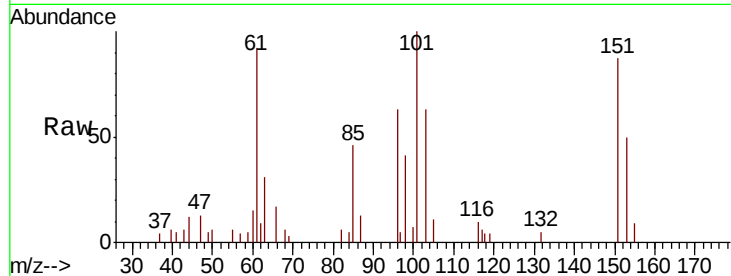
Tot Ion:101 Resp: 14542

Ion Ratio Lower Upper

101 100

85 44.0 33.4 50.0

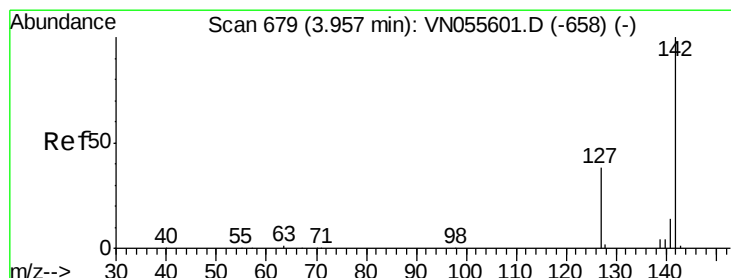
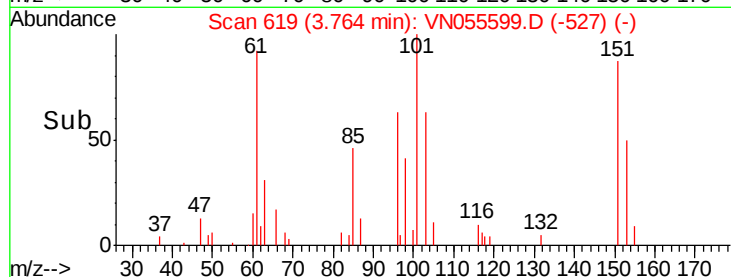
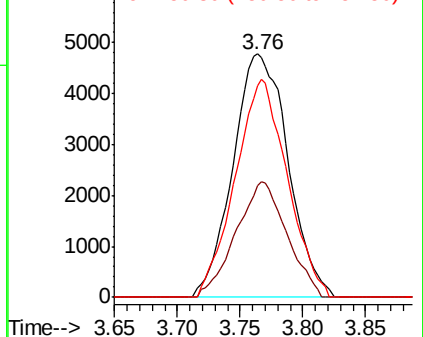
151 84.8 69.3 103.9



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: 4.212 ug/l

RT: 3.96 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

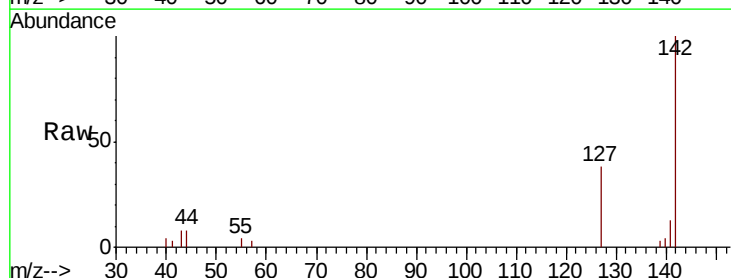
Tgt Ion:142 Resp: 19273

Ion Ratio Lower Upper

142 100

127 37.0 31.0 46.4

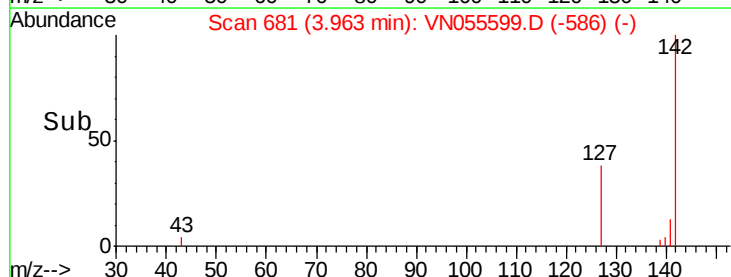
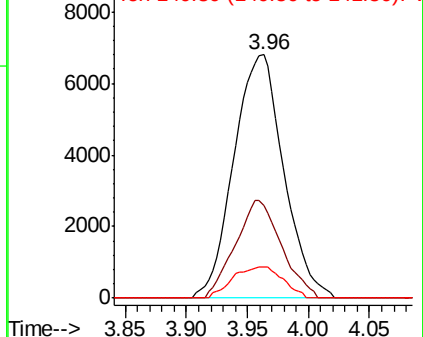
141 12.9 11.5 17.3

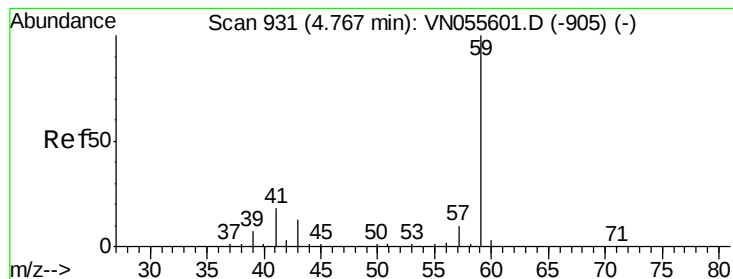


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



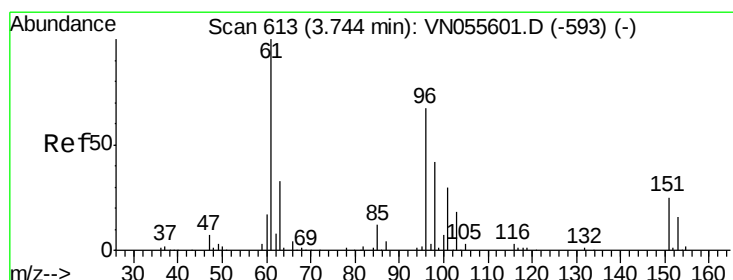
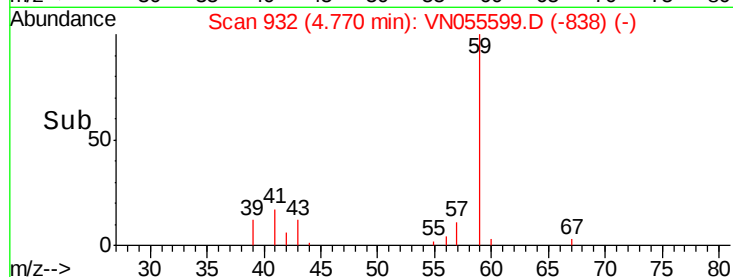
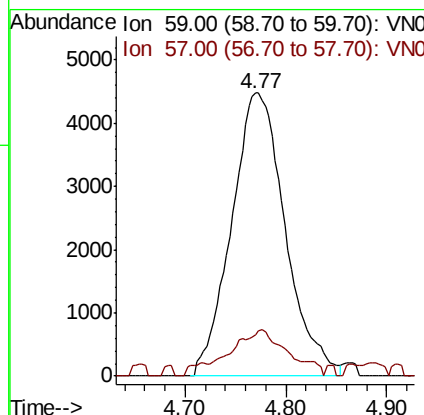
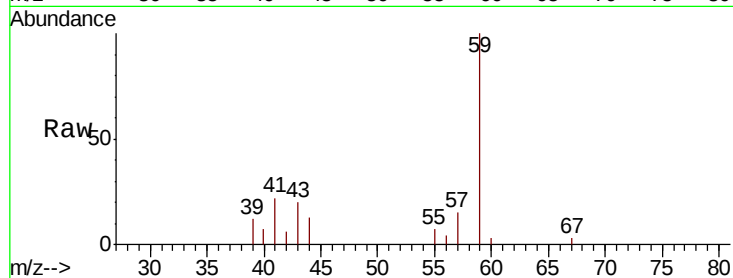


#11

Tert butyl alcohol
 Concen: 55.445 ug/l
 RT: 4.77 min Scan# 932
 Delta R.T. 0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

Instrument :
 MSVOA_N
 ClientSampled :

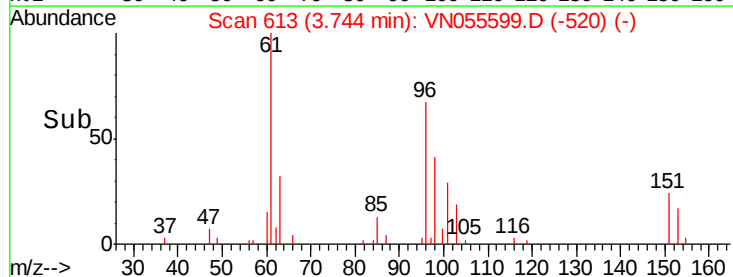
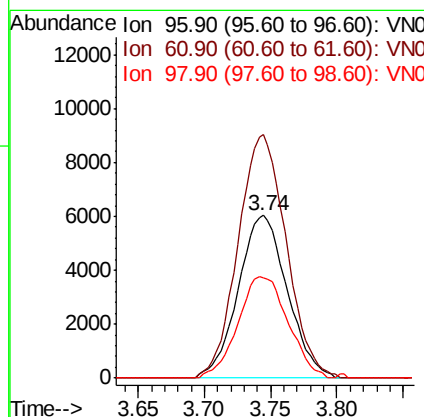
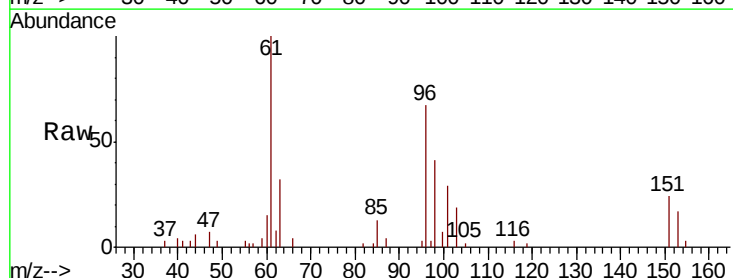
Tot Ion: 59 Resp: 16562
 Ion Ratio Lower Upper
 59 100
 57 10.5 7.8 11.6

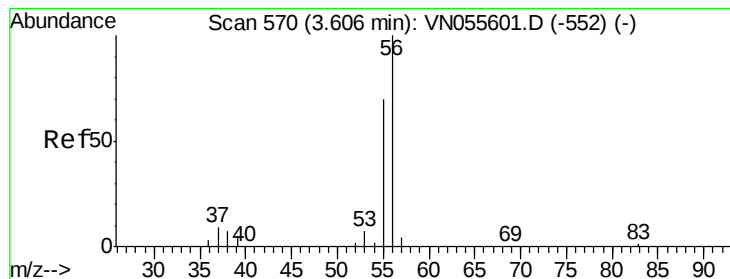


#12

1,1-Dichloroethene
 Concen: 5.233 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

Tgt Ion: 96 Resp: 15507
 Ion Ratio Lower Upper
 96 100
 61 149.8 120.2 180.2
 98 62.0 50.6 75.8





#13

Acrolein

Concen: 67.357 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

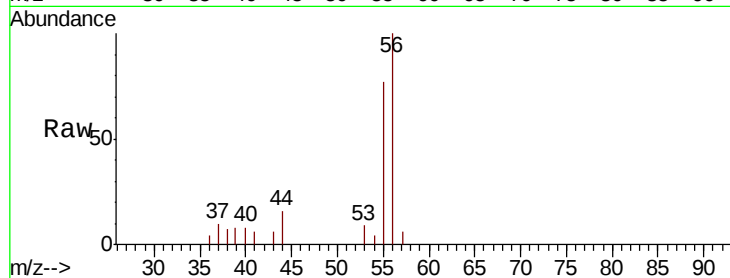
ClientSampleId :

Tot Ion: 56 Resp: 11309

Ion Ratio Lower Upper

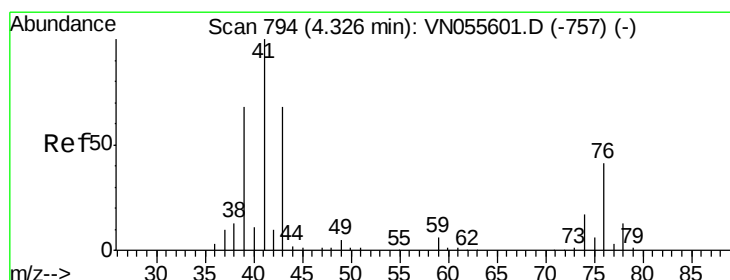
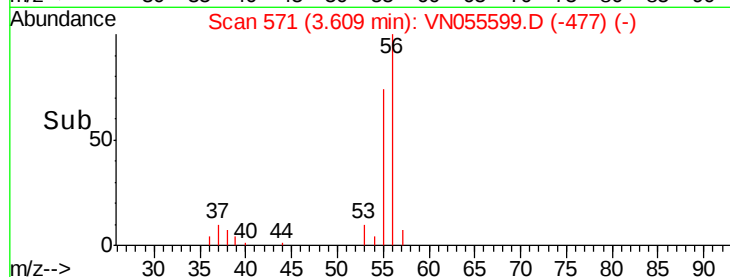
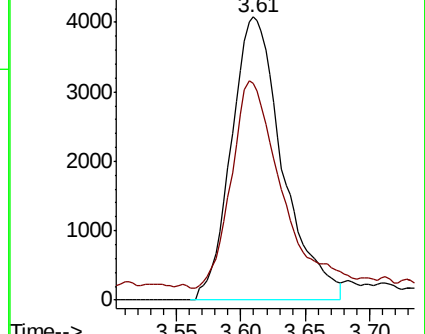
56 100

55 70.7 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 5.347 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

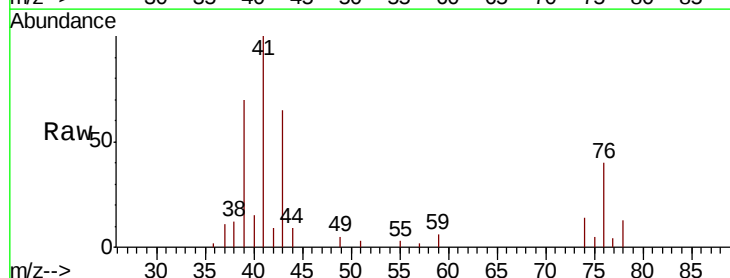
Tgt Ion: 41 Resp: 24302

Ion Ratio Lower Upper

41 100

39 71.4 50.5 75.7

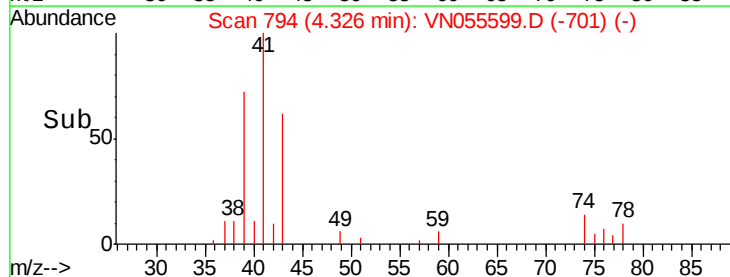
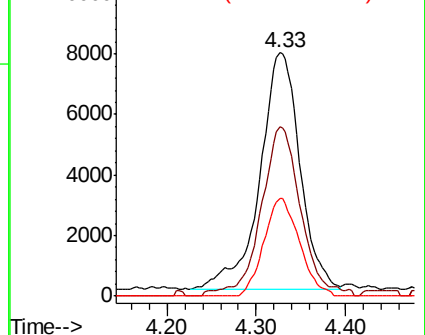
76 36.9 29.2 43.8

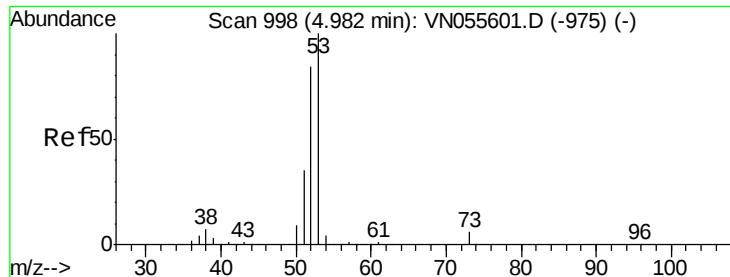


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 32.933 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

ClientSampled :

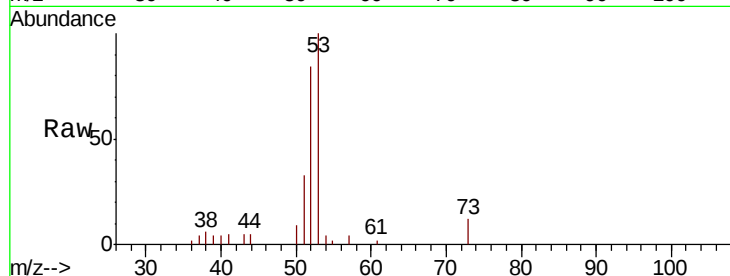
Tot Ion: 53 Resp: 36234

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.4

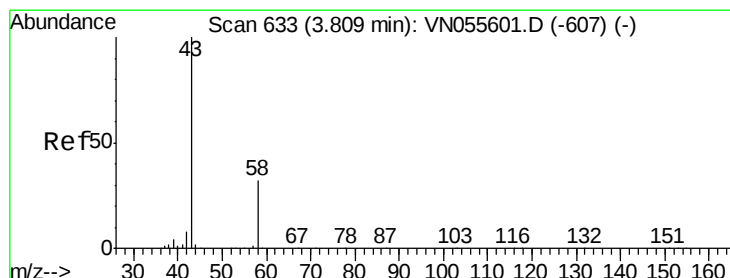
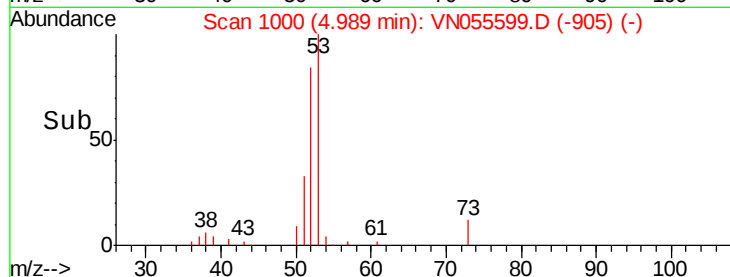
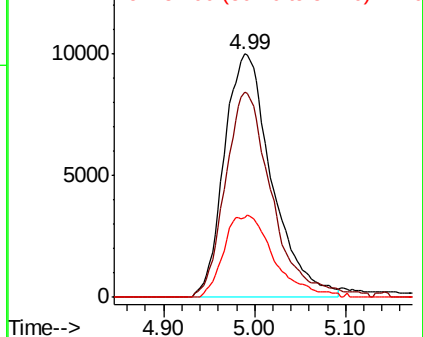
51 13.4 28.5 42.7#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 36.501 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN055599.D

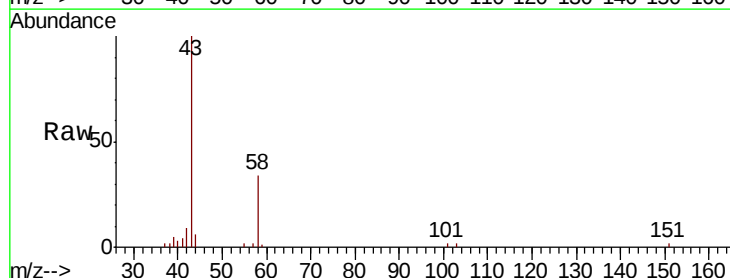
Acq: 17 May 2019 9:53

Tgt Ion: 43 Resp: 36350

Ion Ratio Lower Upper

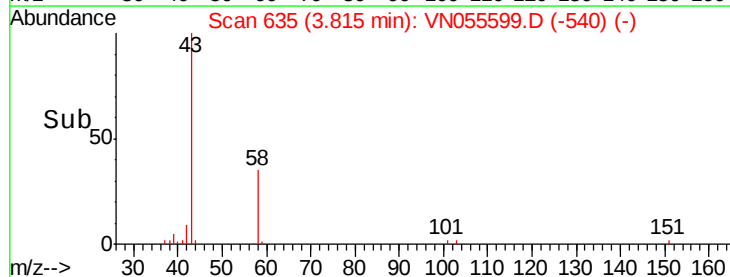
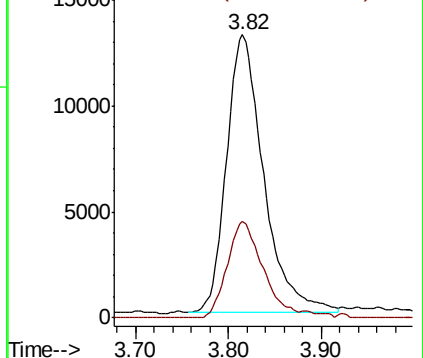
43 100

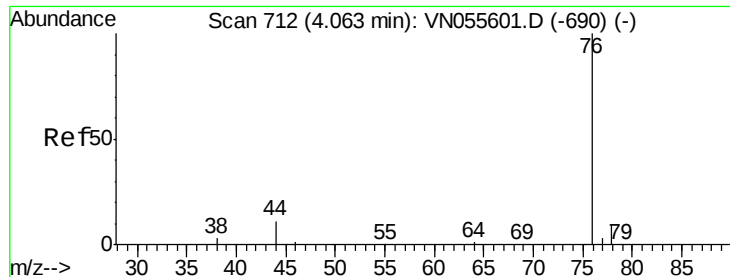
58 34.7 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

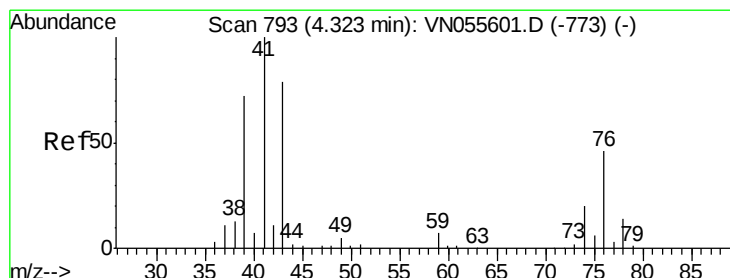
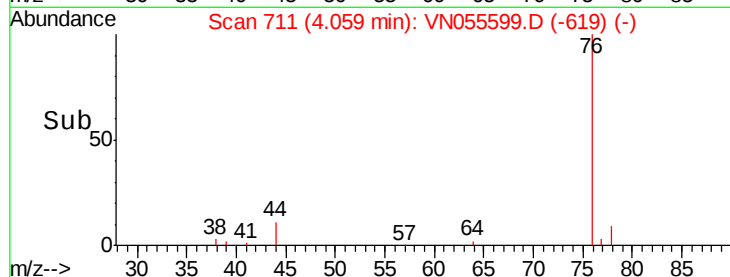
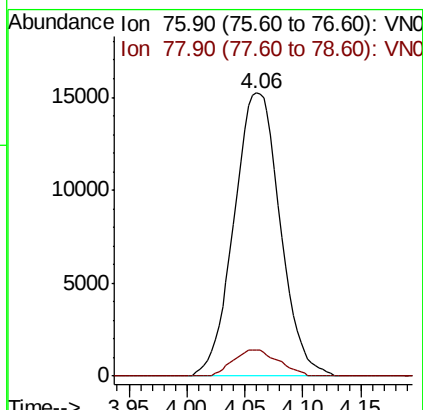
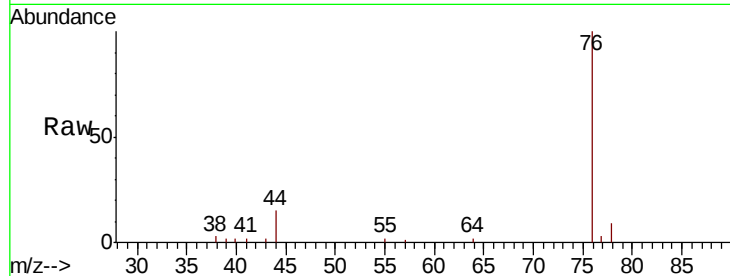




#17
Carbon Disulfide
Concen: 4.674 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

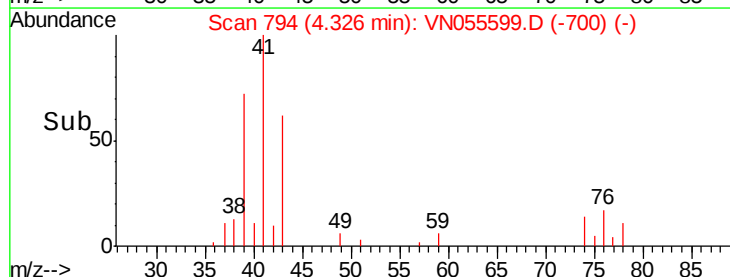
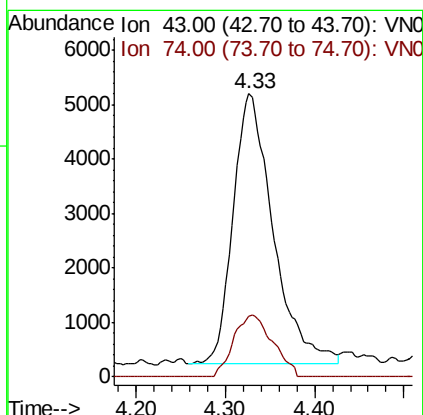
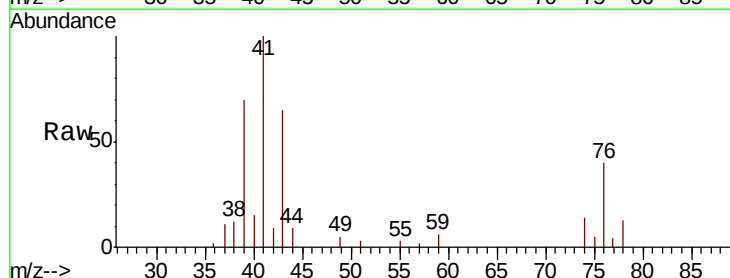
Instrument :
MSVOA_N
ClientSampleId :

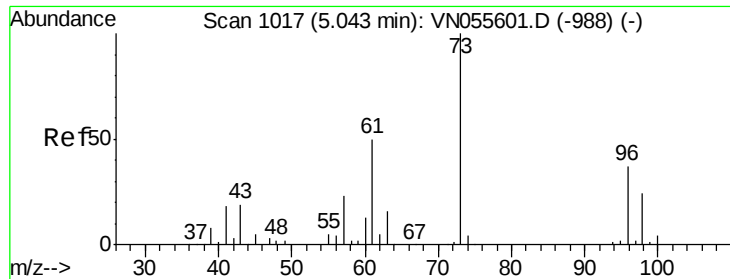
Tot Ion: 76 Resp: 42188
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 6.732 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion: 43 Resp: 15521
Ion Ratio Lower Upper
43 100
74 22.3 19.9 29.9

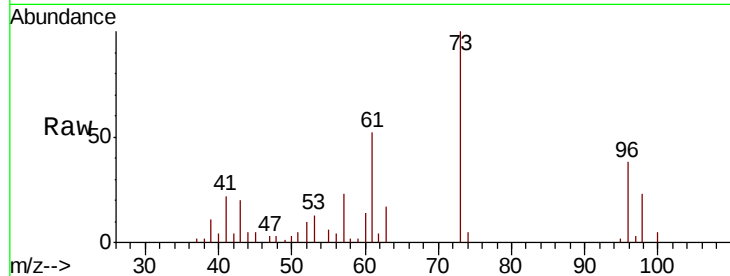




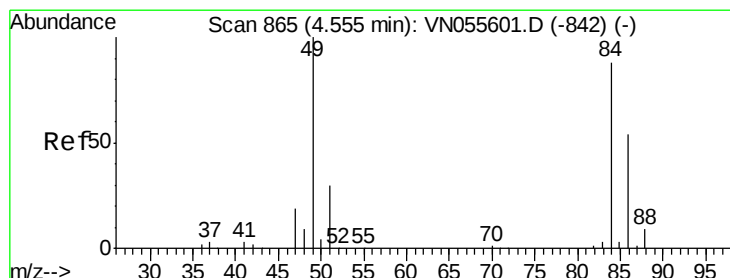
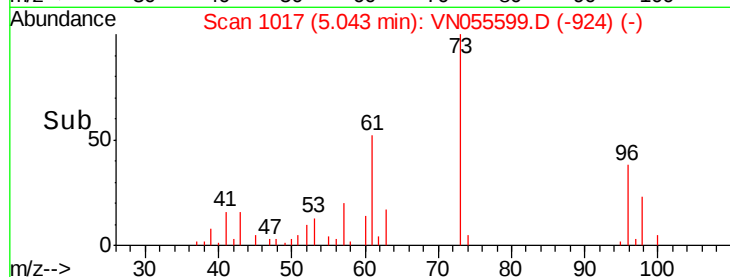
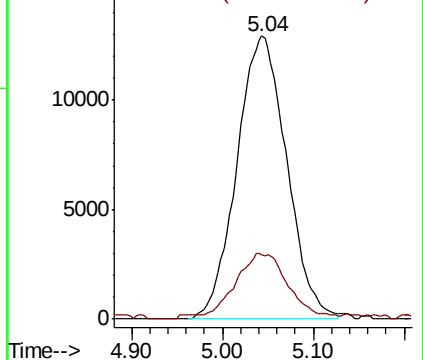
#19
Methvl tert-butvl Ether
Concen: 6.266 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 73 Resp: 49095
Ion Ratio Lower Upper
73 100
57 21.4 18.2 27.2

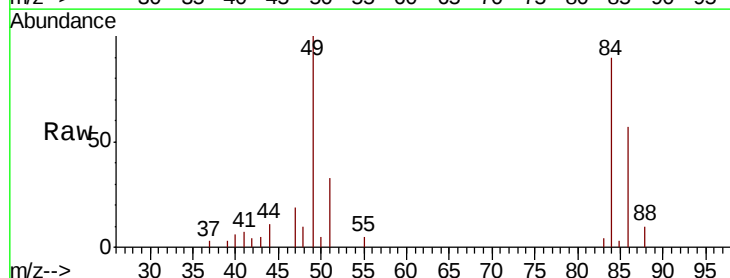


Abundance Ion 73.00 (72.70 to 73.70): VN055601.D (-988) (-)
Ion 57.00 (56.70 to 57.70): VN055601.D (-988) (-)

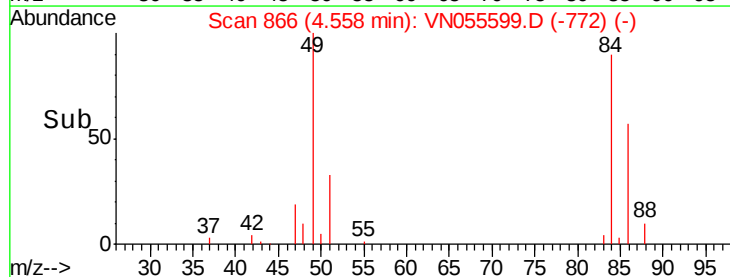
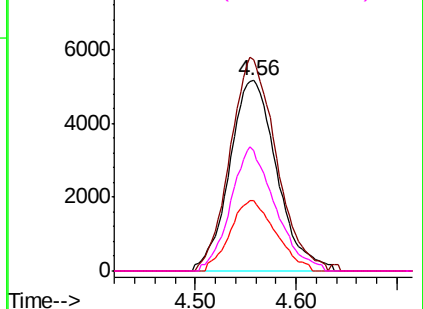


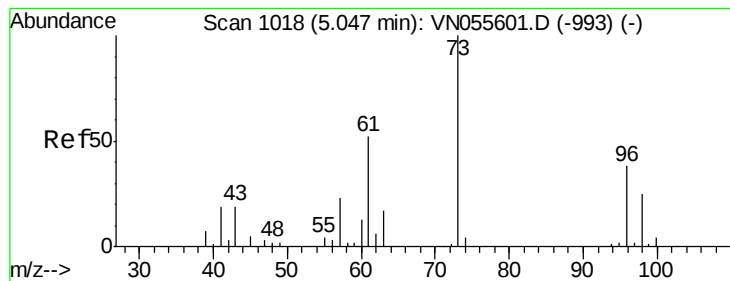
#20
Methylene Chloride
Concen: 5.013 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion: 84 Resp: 16825
Ion Ratio Lower Upper
84 100
49 111.1 91.0 136.4
51 36.8 27.5 41.3
86 62.9 49.4 74.0



Abundance Ion 83.90 (83.60 to 84.60): VN055601.D (-842) (-)
Ion 48.90 (48.60 to 49.60): VN055601.D (-842) (-)
Ion 50.90 (50.60 to 51.60): VN055601.D (-842) (-)
Ion 85.90 (85.60 to 86.60): VN055601.D (-842) (-)





#21

trans-1,2-Dichloroethene

Concen: 5.229 ug/l

RT: 5.05 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :
MSVOA_N
ClientSampled :

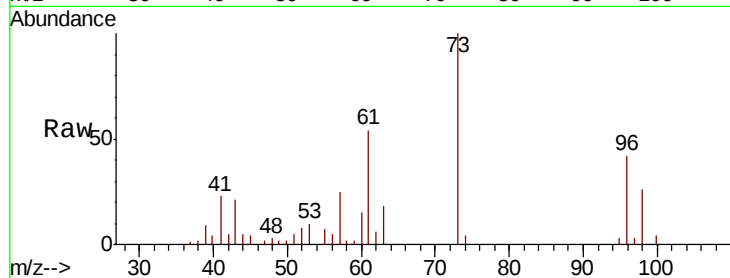
Tot Ion: 96 Resp: 16255

Ion Ratio Lower Upper

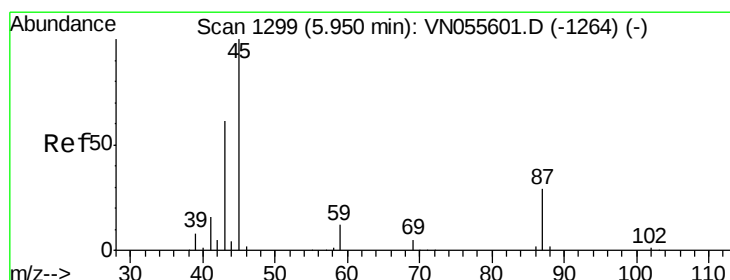
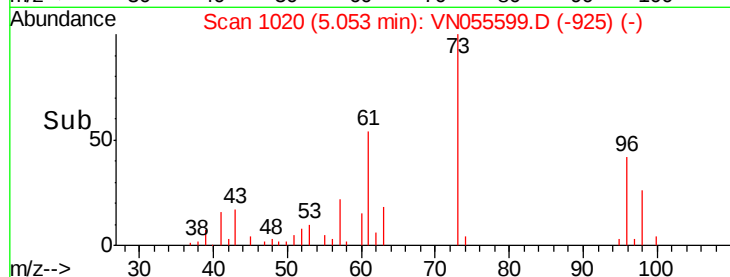
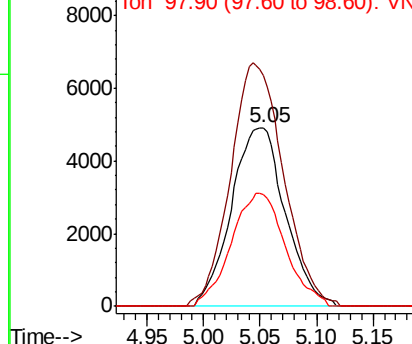
96 100

61 129.0 108.6 162.8

98 62.2 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: 5.607 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Tgt Ion: 45 Resp: 47404

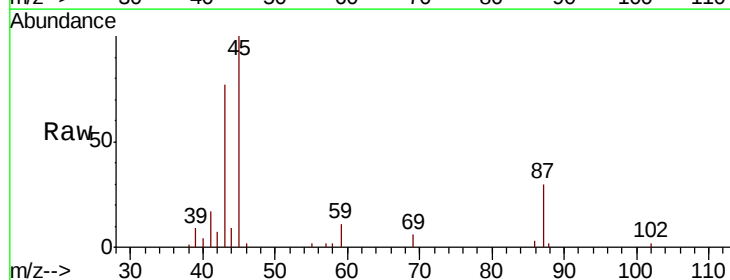
Ion Ratio Lower Upper

45 100

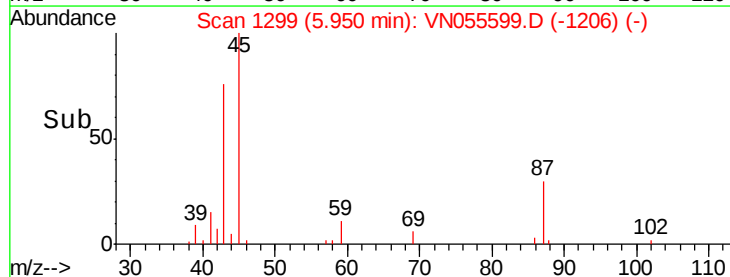
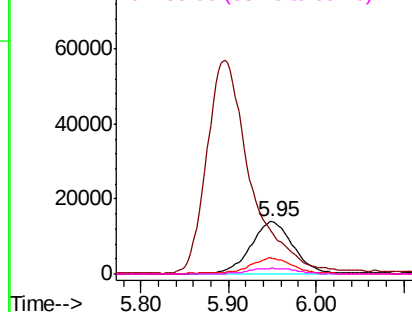
43 69.4 50.4 75.6

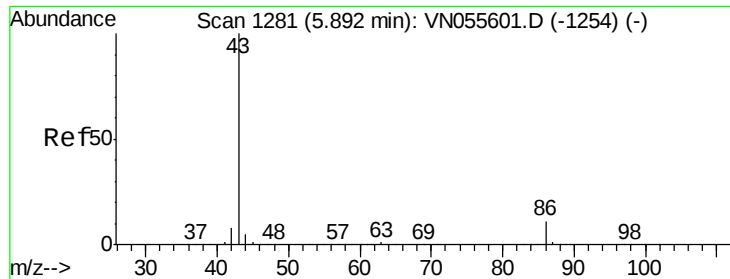
87 30.3 23.8 35.6

59 11.1 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: 31.586 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

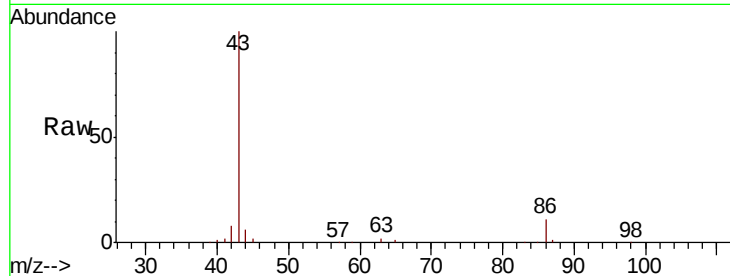
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 199042

Ion Ratio Lower Upper

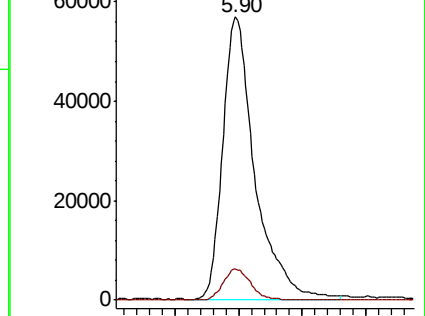
43 100

86 10.9 8.7 13.1

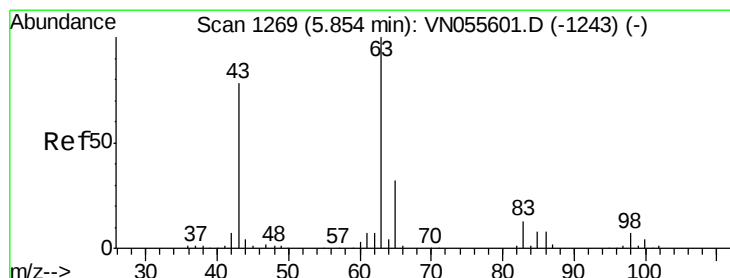
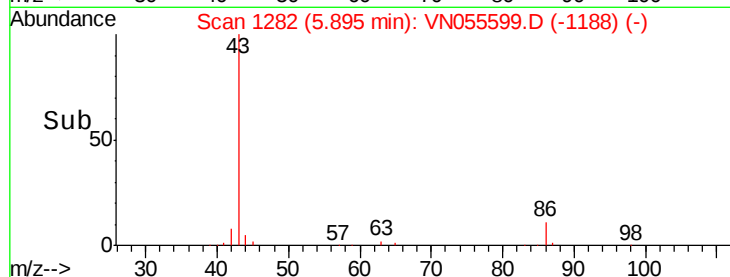


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 4.970 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

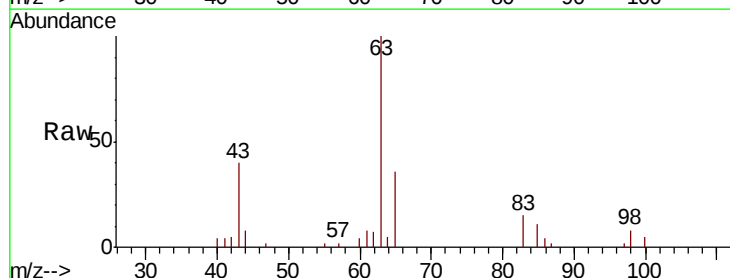
Tgt Ion: 63 Resp: 28117

Ion Ratio Lower Upper

63 100

98 8.2 3.4 10.2

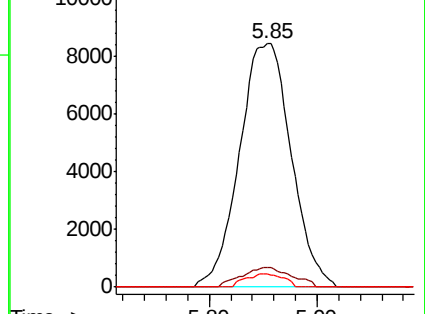
100 5.3 2.2 6.6



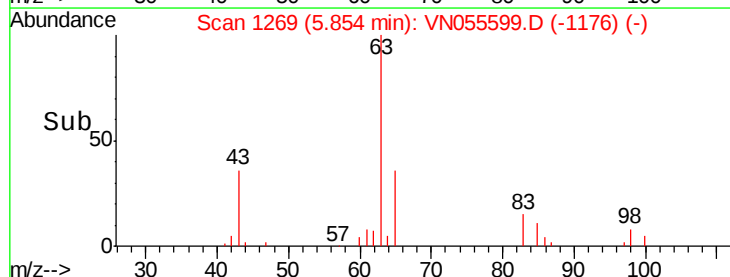
Abundance Ion 62.90 (62.60 to 63.60): VN0

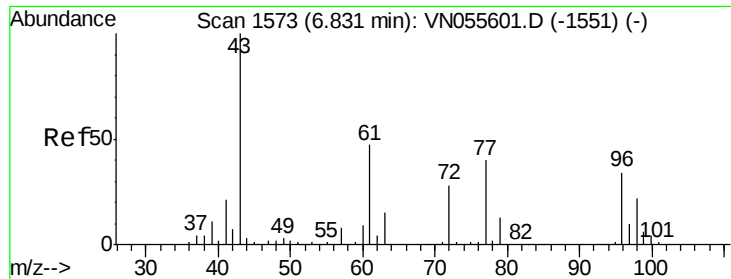
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->

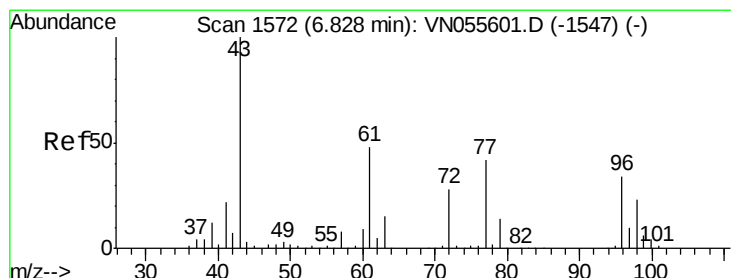
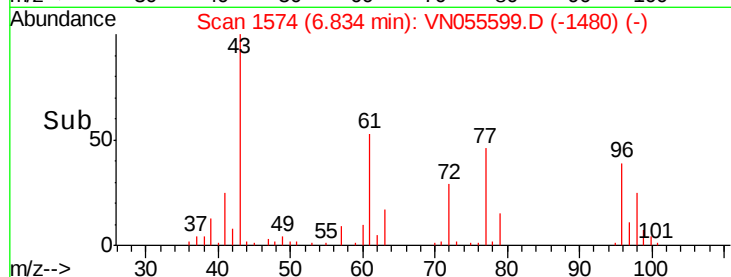
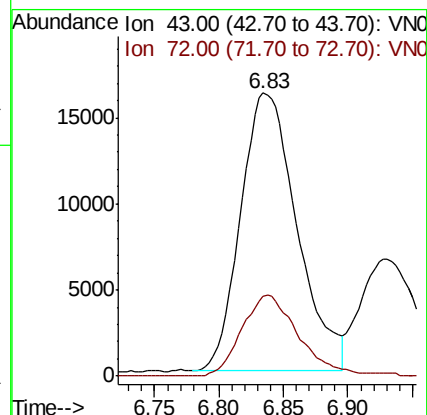
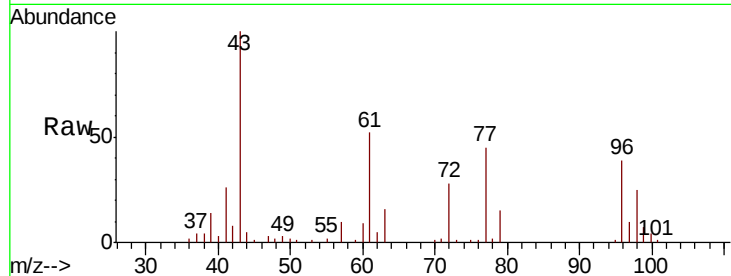




#25
2-Butanone
Concen: 37.592 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

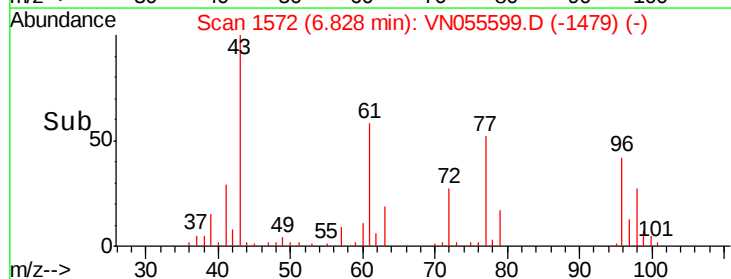
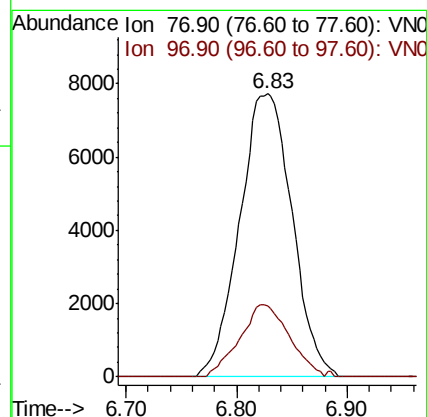
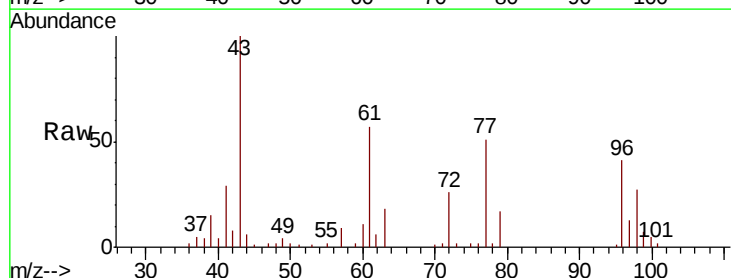
Instrument :
MSVOA_N
ClientSampled :

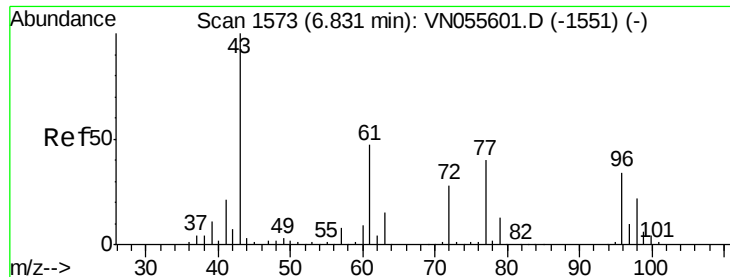
Tot Ion: 43 Resp: 49105
Ion Ratio Lower Upper
43 100
72 28.7 22.3 33.5



#26
2,2-Dichloropropane
Concen: 5.808 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion: 77 Resp: 25436
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 5.368 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :
MSVOA_N
ClientSampled :

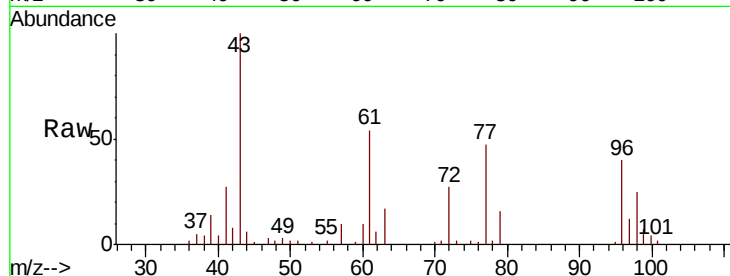
Tot Ion: 96 Resp: 18770

Ion Ratio Lower Upper

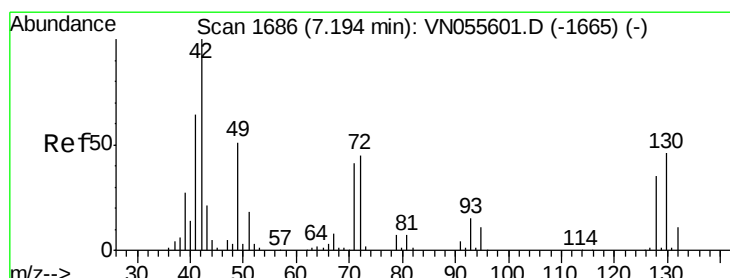
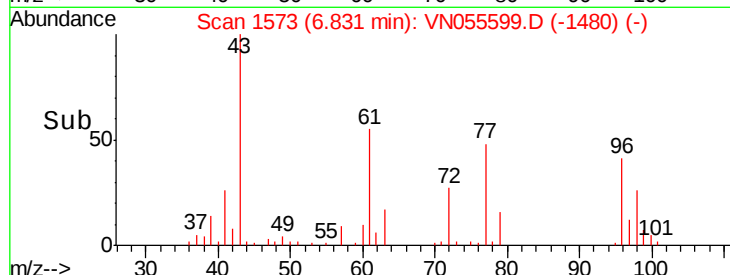
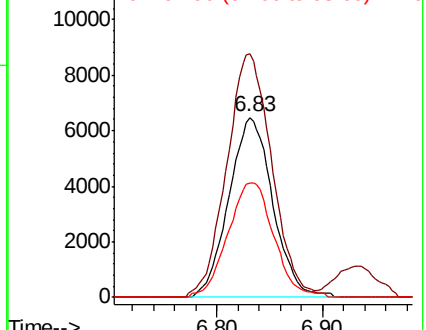
96 100

61 138.6 0.0 279.0

98 66.6 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: 4.946 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

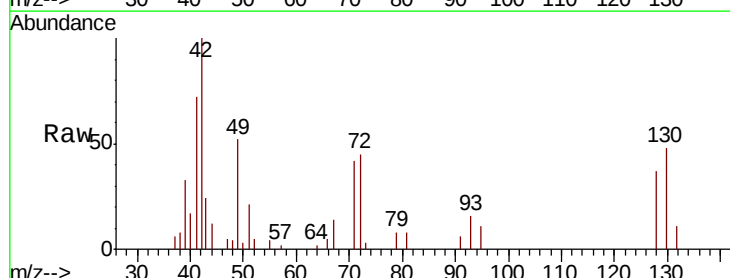
Tgt Ion: 49 Resp: 12220

Ion Ratio Lower Upper

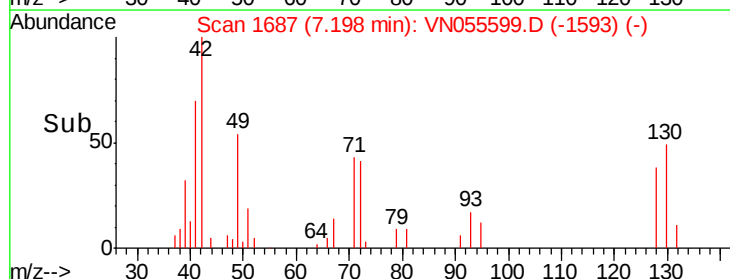
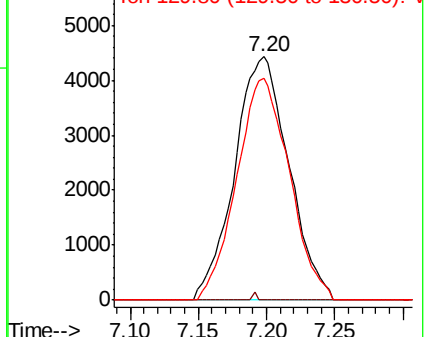
49 100

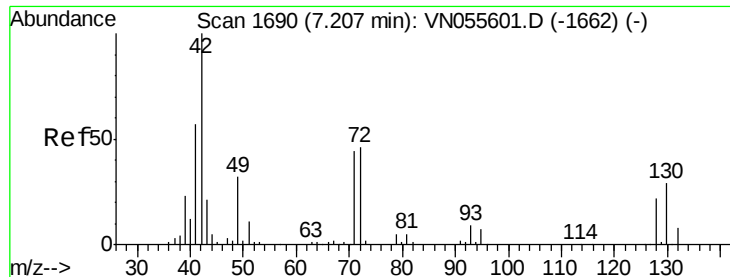
129 0.2 0.0 4.4

130 88.6 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

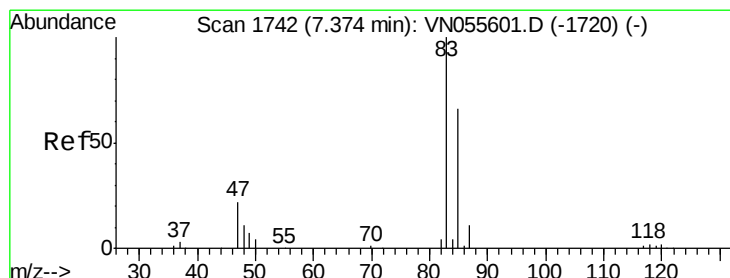
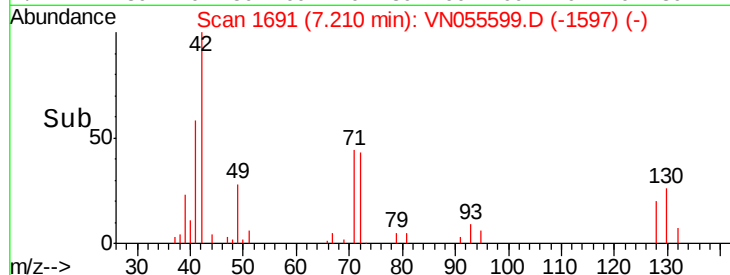
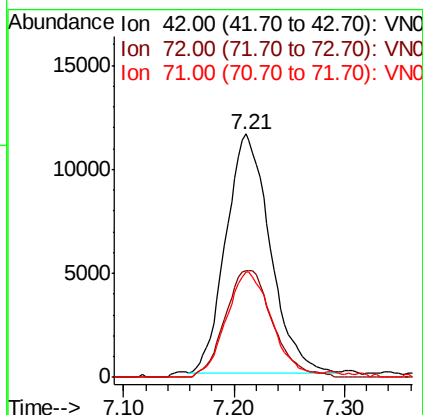
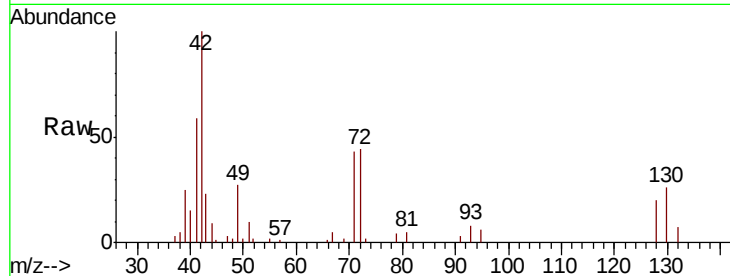




#29
Tetrahydrofuran
Concen: 37.864 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

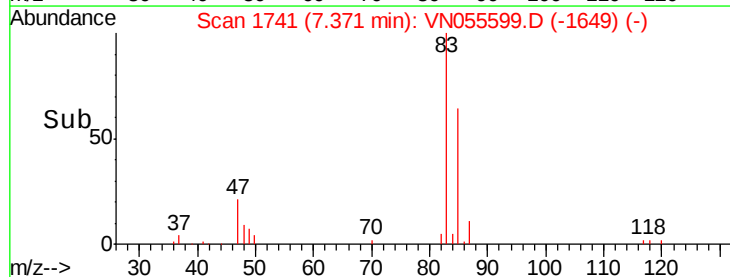
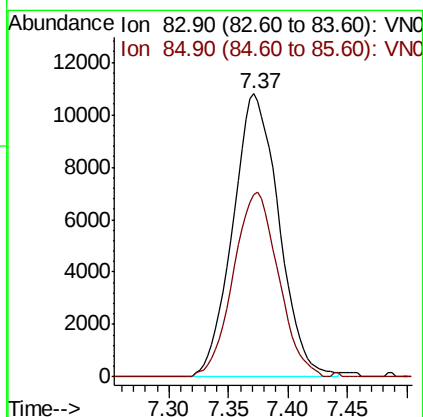
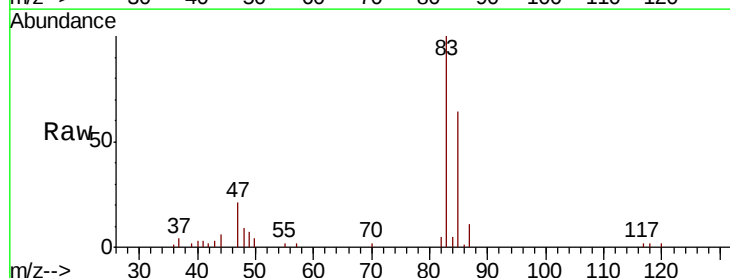
Instrument :
MSVOA_N
ClientSampled :

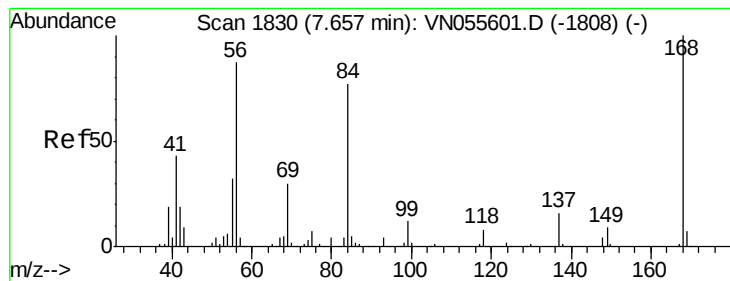
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	36.5	54.7
71	45.6	34.9	52.3



#30
Chloroform
Concen: 5.105 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.6	78.8





#31

Cyclohexane

Concen: 5.312 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

ClientSampleId :

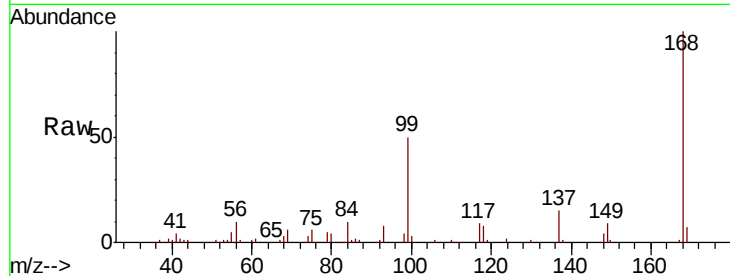
Tot Ion: 56 Resp: 31253

Ion Ratio Lower Upper

56 100

69 54.9 27.2 40.8#

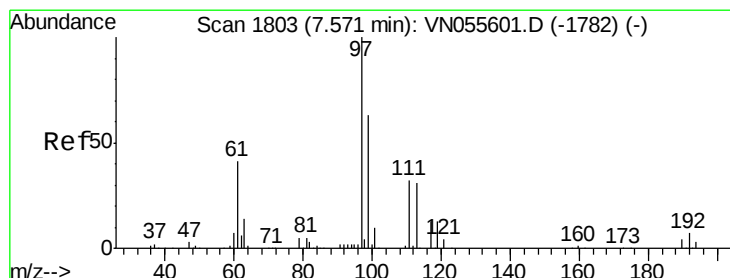
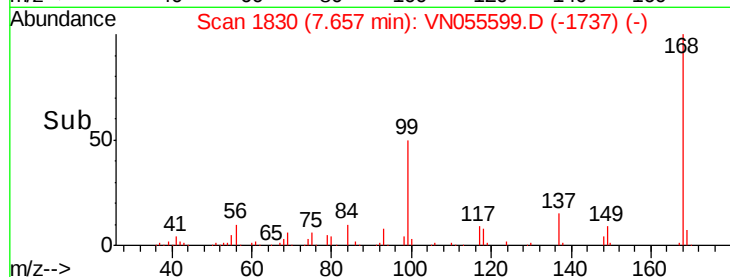
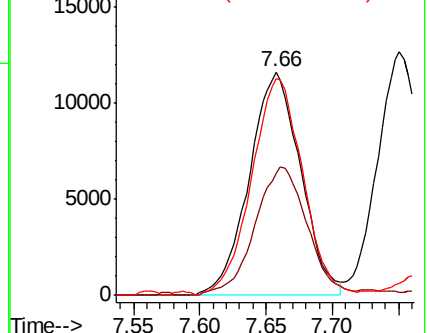
84 95.9 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN055599.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN055599.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN055599.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 5.293 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

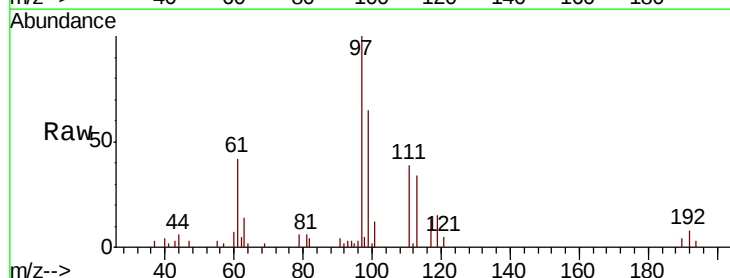
Tgt Ion: 97 Resp: 25900

Ion Ratio Lower Upper

97 100

99 62.4 51.4 77.2

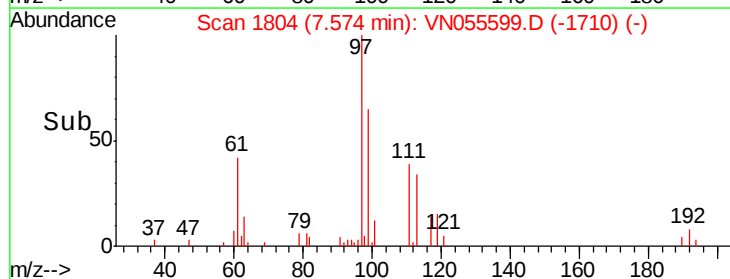
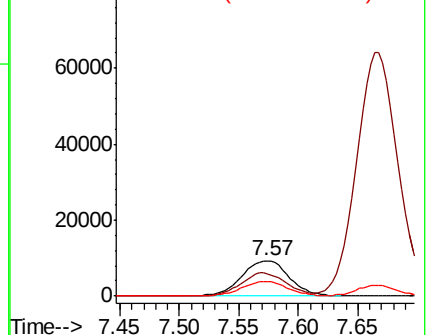
61 40.9 32.9 49.3

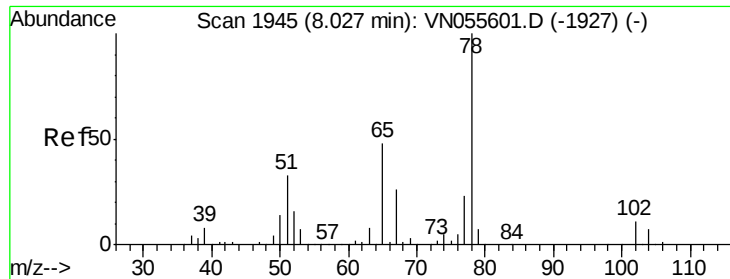


Abundance Ion 96.90 (96.60 to 97.60): VN055599.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN055599.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN055599.D (-1710) (-)

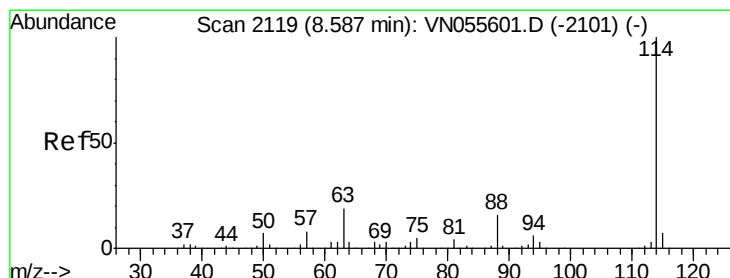
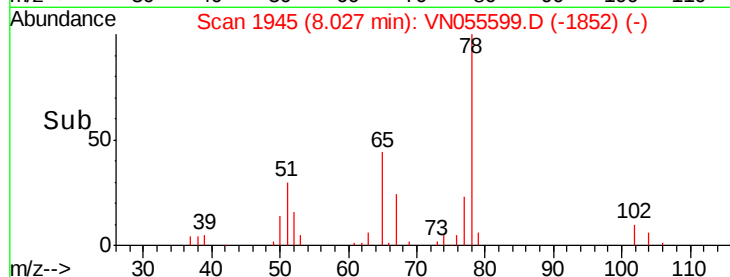
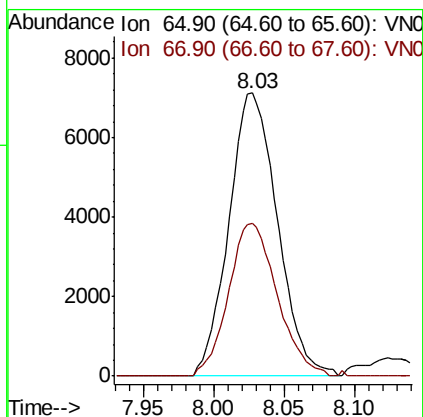
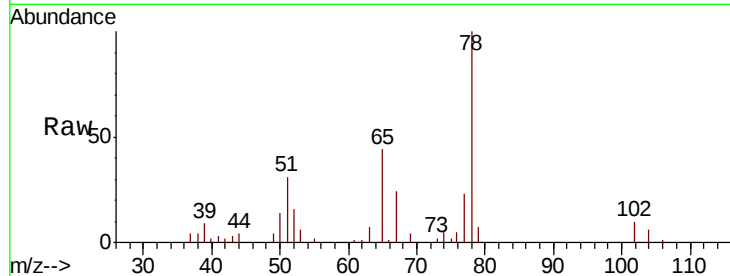




#33
 1,2-Dichloroethane-d4
 Concen: 5.163 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

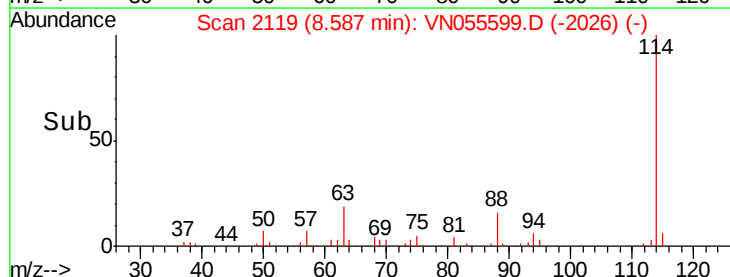
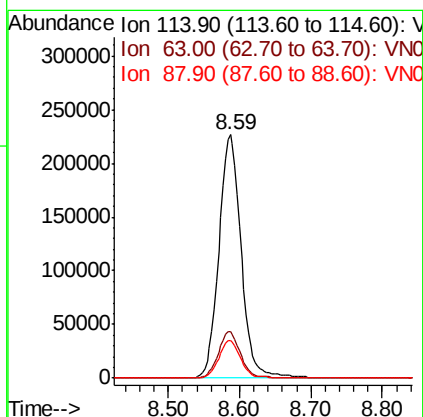
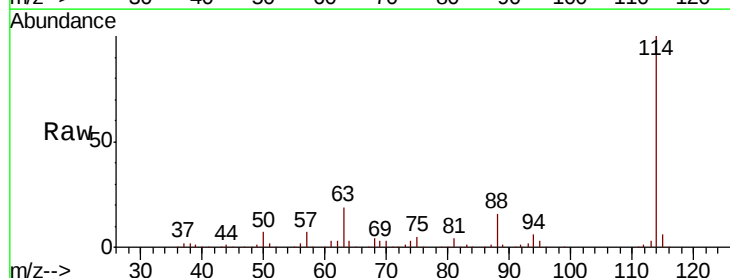
Instrument :
 MSVOA_N
 ClientSampleId :

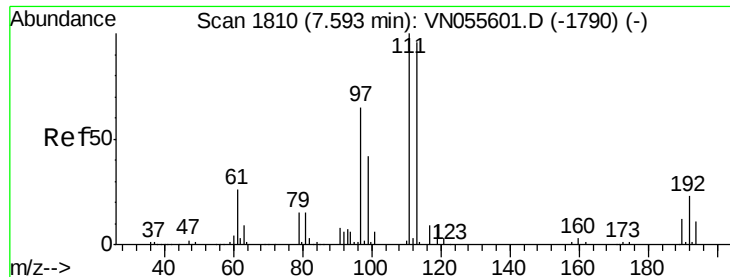
Tot Ion: 65 Resp: 17162
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

Tgt Ion: 114 Resp: 488718
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.2
 88 15.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 4.580 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :
MSVOA_N
ClientSampleId :

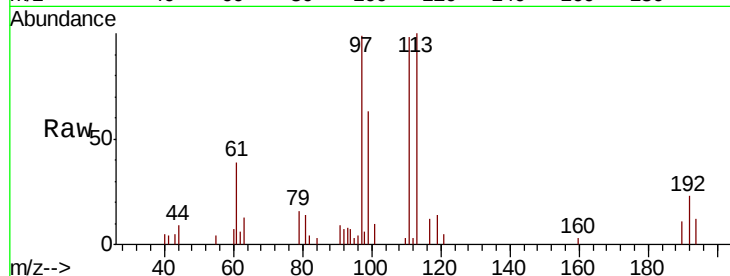
Tot Ion:113 Resp: 14698

Ion Ratio Lower Upper

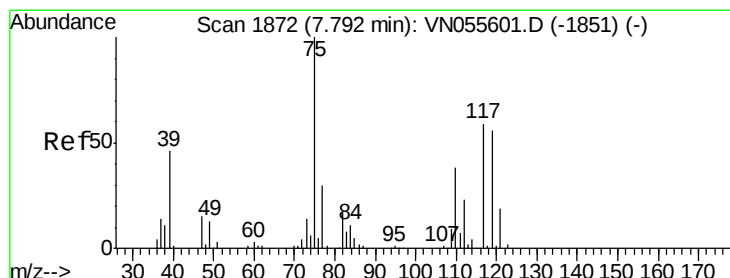
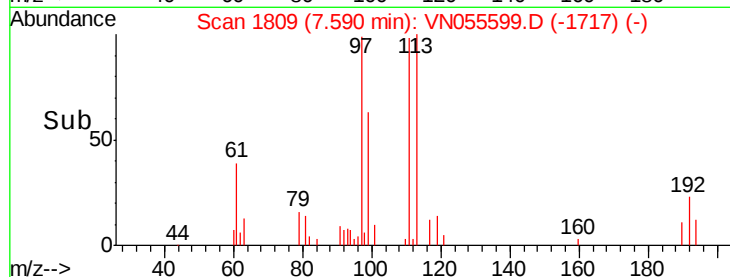
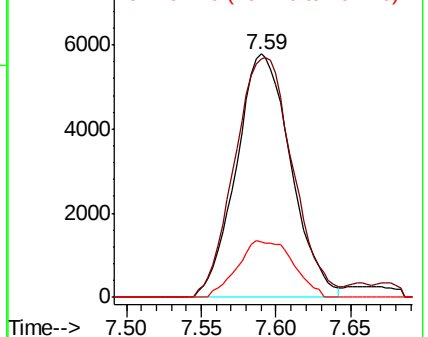
113 100

111 104.7 82.5 123.7

192 23.5 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: 4.782 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

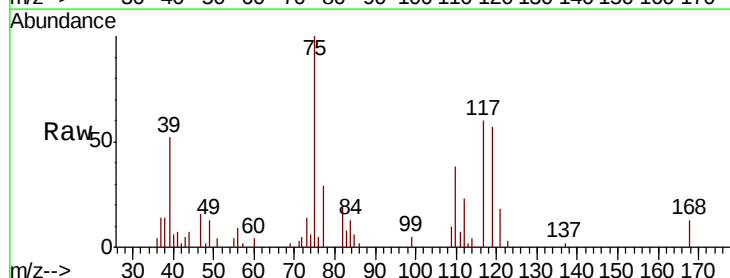
Tgt Ion: 75 Resp: 21362

Ion Ratio Lower Upper

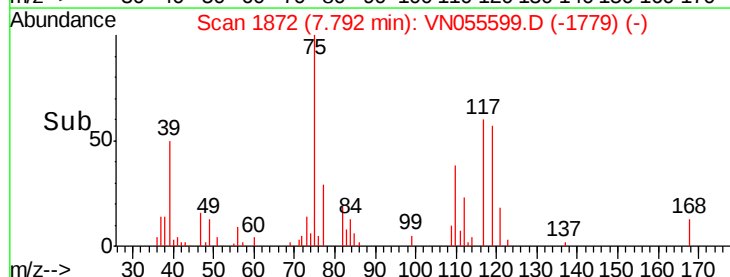
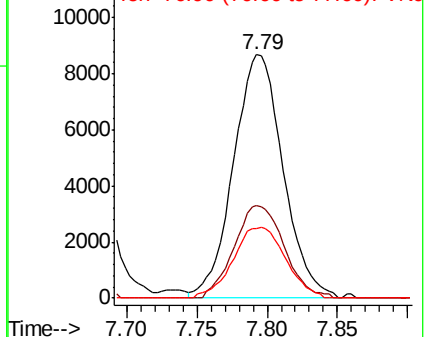
75 100

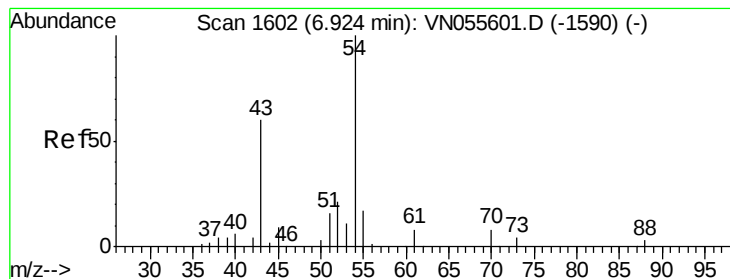
110 38.5 18.6 55.6

77 30.8 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: 6.961 ug/l

RT: 6.93 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

ClientSampleId :

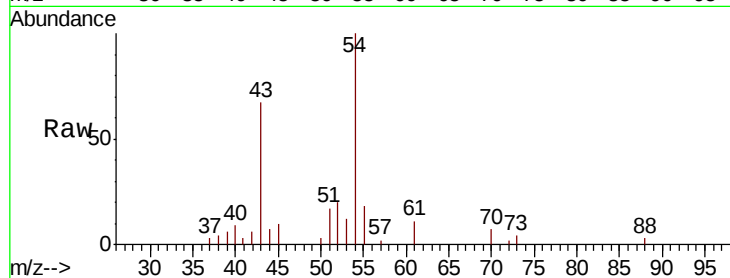
Tot Ion: 43 Resp: 19009

Ion Ratio Lower Upper

43 100

61 16.6 11.4 17.0

70 12.7 9.2 13.8

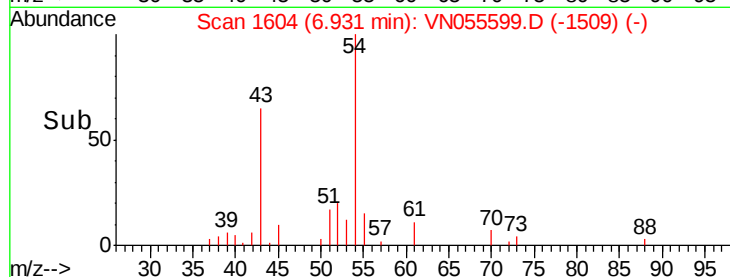


Abundance Ion 43.00 (42.70 to 43.70): VN055599.D (-1604) (-)

Ion 60.90 (60.60 to 61.60): VN055599.D (-1604) (-)

Ion 70.00 (69.70 to 70.70): VN055599.D (-1604) (-)

Time-->



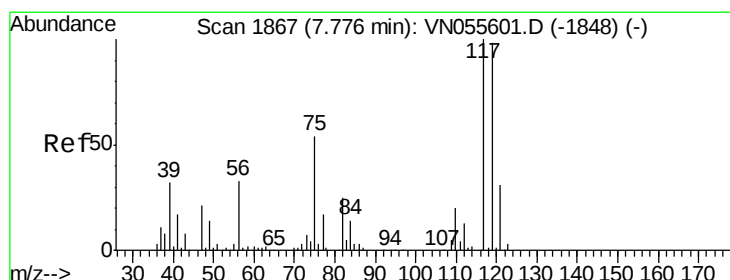
Abundance

Ion 43.00 (42.70 to 43.70): VN055599.D (-1604) (-)

Ion 60.90 (60.60 to 61.60): VN055599.D (-1604) (-)

Ion 70.00 (69.70 to 70.70): VN055599.D (-1604) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 4.922 ug/l

RT: 7.77 min Scan# 1866

Delta R.T. -0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

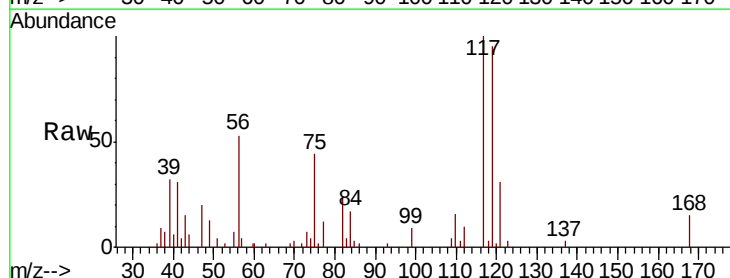
Tgt Ion: 117 Resp: 23613

Ion Ratio Lower Upper

117 100

119 94.8 77.8 116.8

121 31.2 24.6 37.0

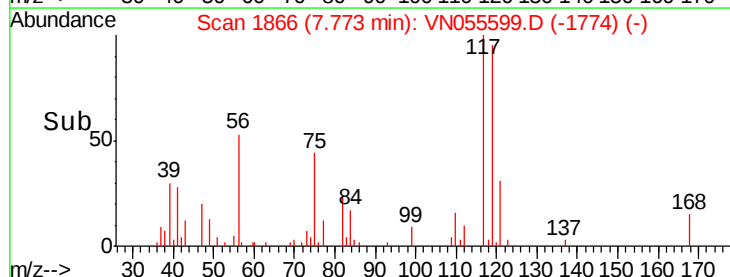


Abundance Ion 116.80 (116.50 to 117.50): VN055599.D (-1866) (-)

Ion 118.80 (118.50 to 119.50): VN055599.D (-1866) (-)

Ion 120.80 (120.50 to 121.50): VN055599.D (-1866) (-)

Time-->



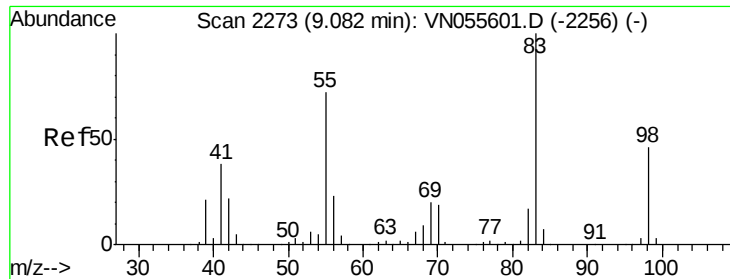
Abundance

Ion 116.80 (116.50 to 117.50): VN055599.D (-1866) (-)

Ion 118.80 (118.50 to 119.50): VN055599.D (-1866) (-)

Ion 120.80 (120.50 to 121.50): VN055599.D (-1866) (-)

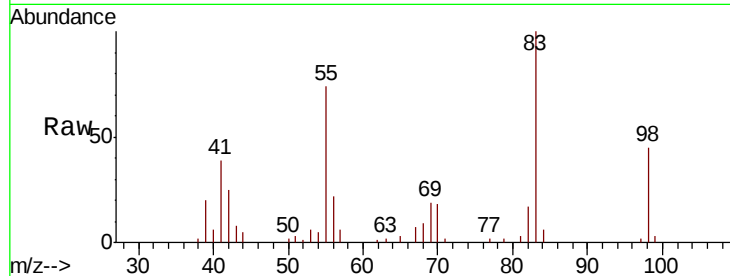
Time-->



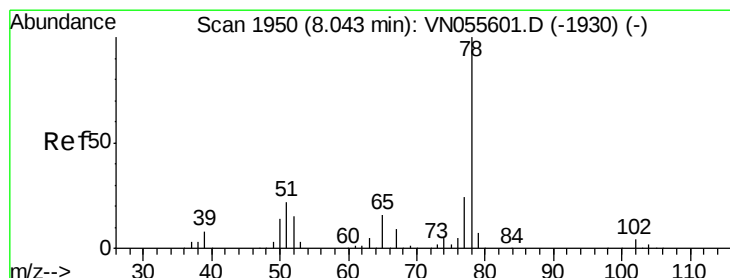
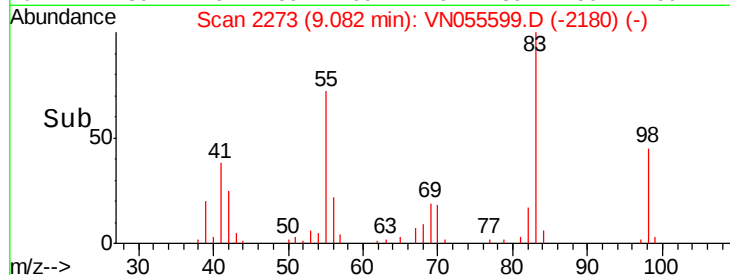
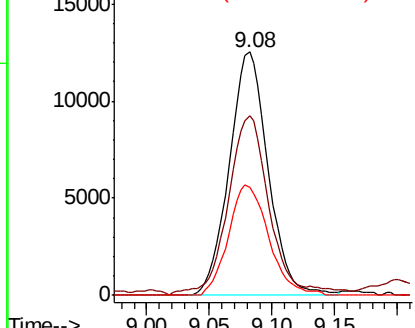
#39
Methvlcvclohexane
Concen: 5.275 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 27007
Ion Ratio Lower Upper
83 100
55 71.5 57.8 86.6
98 44.6 36.7 55.1

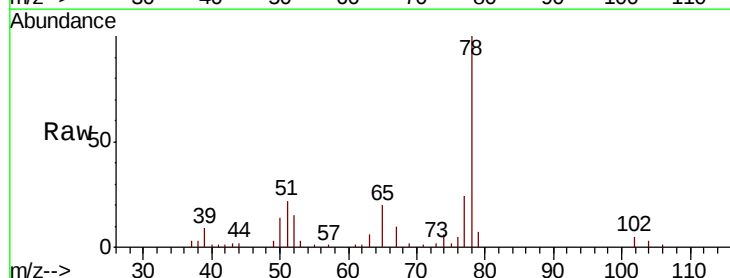


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

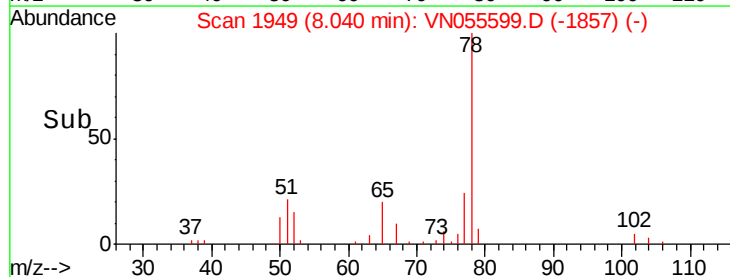
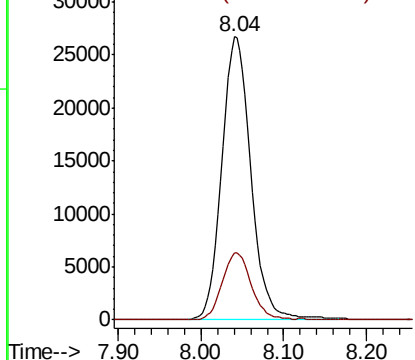


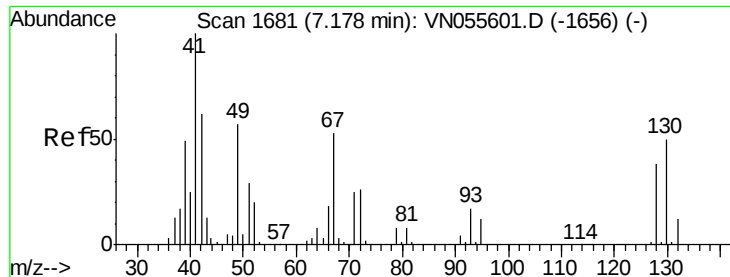
#40
Benzene
Concen: 4.973 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion: 78 Resp: 65266
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3



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

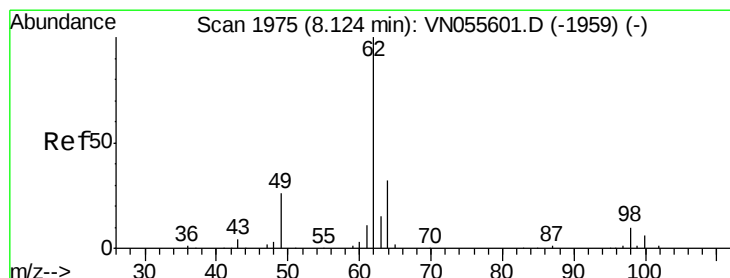
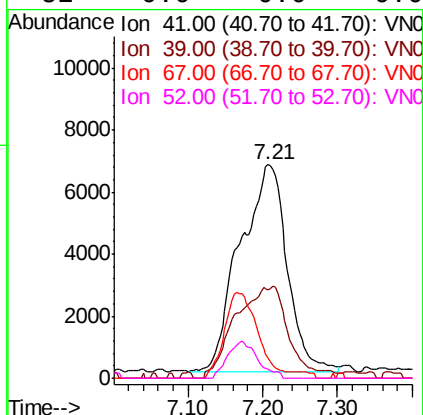
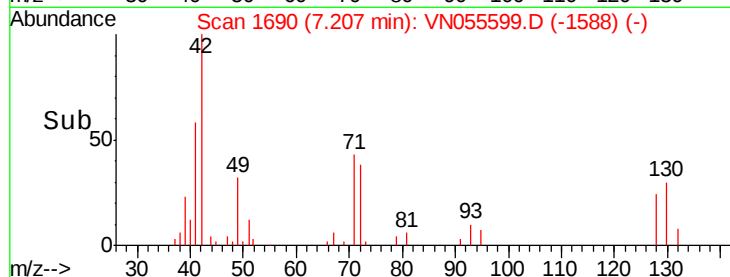
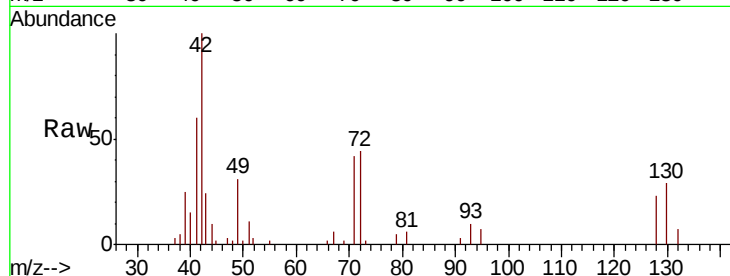




#41
Methacrylonitrile
Concen: 20.857 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. 0.03 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

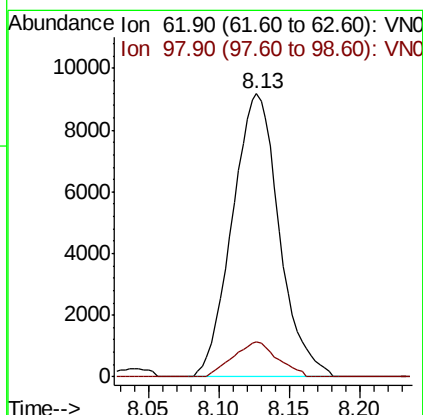
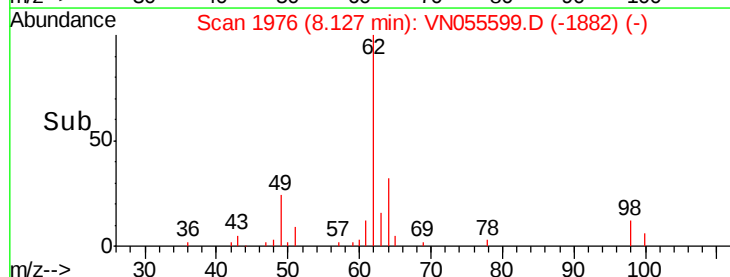
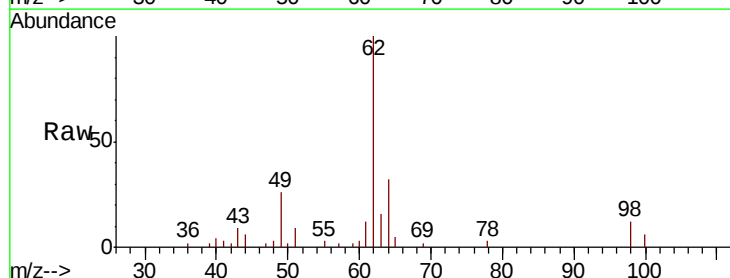
Instrument :
MSVOA_N
ClientSampled :

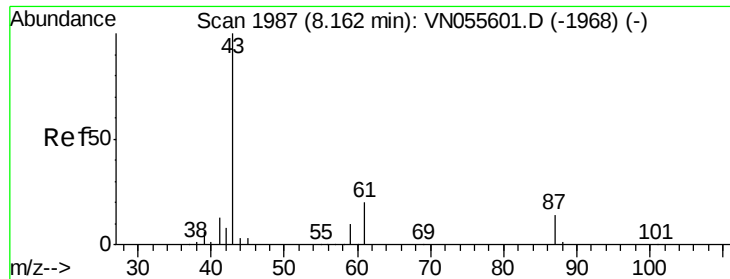
Tot Ion:	41	Resp:	29116
Ion	Ratio	Lower	Upper
41	100		
39	49.7	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 5.339 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion:	62	Resp:	21354
Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	20.2





#43

Isopropyl Acetate

Concen: 6.467 ug/l

RT: 8.16 min Scan# 1987

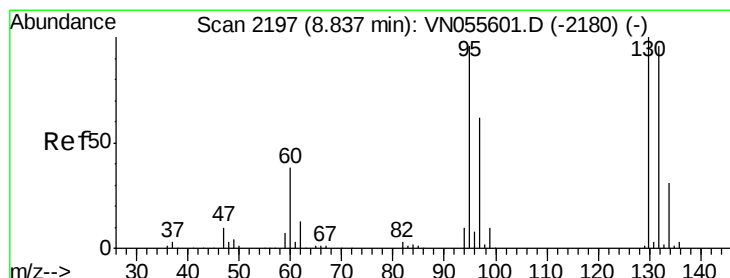
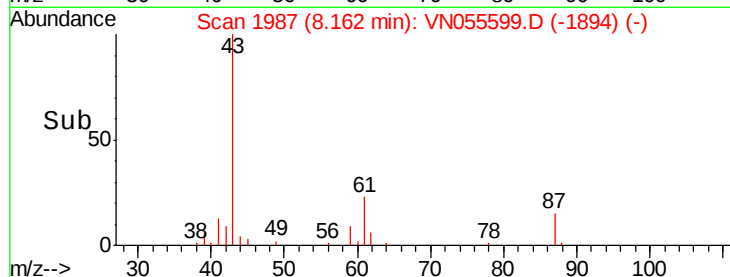
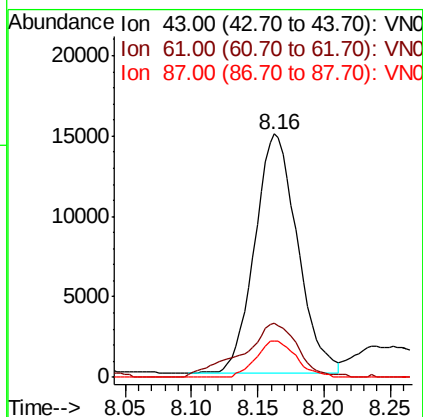
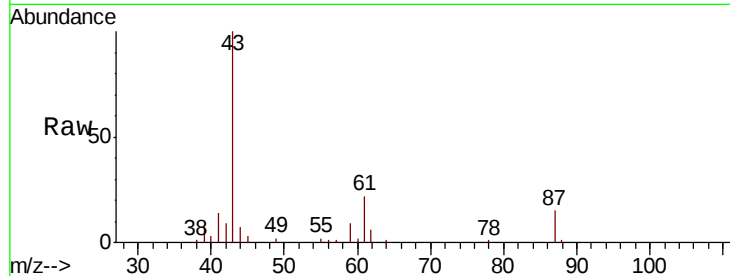
Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	43	Resp:	33417
Ion	Ratio	Lower	Upper
43	100		
61	28.9	22.1	33.1
87	14.3	11.8	17.6



#44

Trichloroethene

Concen: 4.945 ug/l

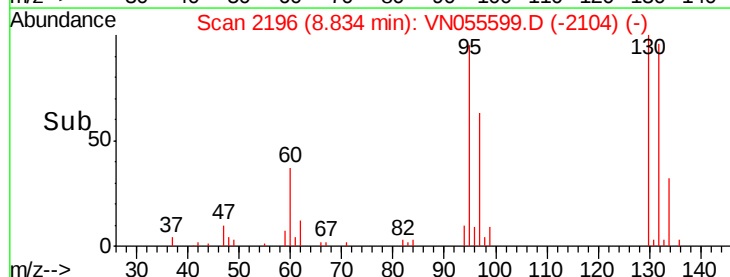
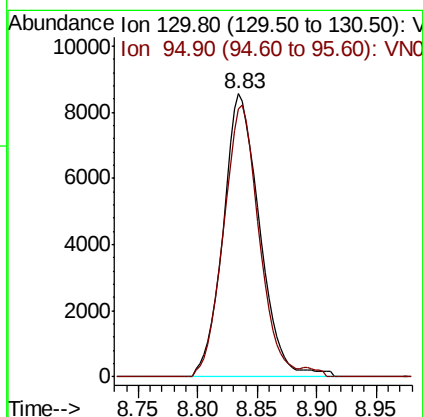
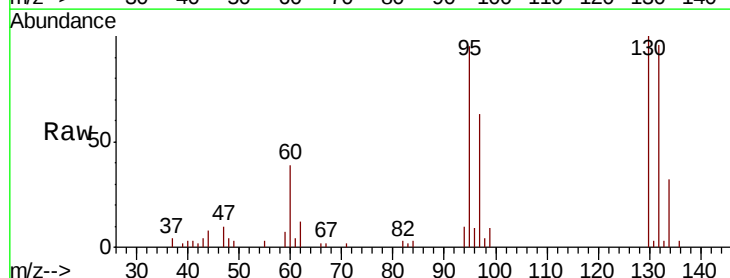
RT: 8.83 min Scan# 2196

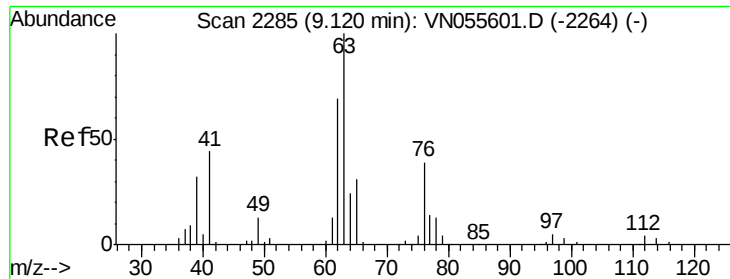
Delta R.T. -0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Tgt Ion:	130	Resp:	18191
Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	191.0

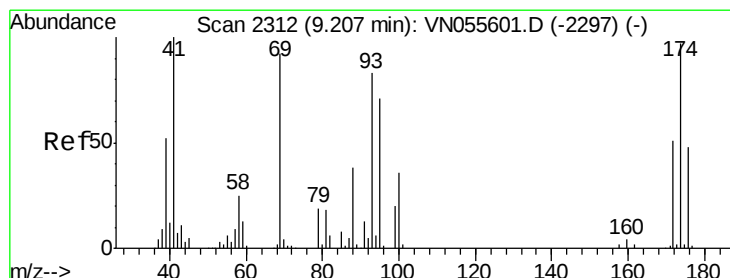
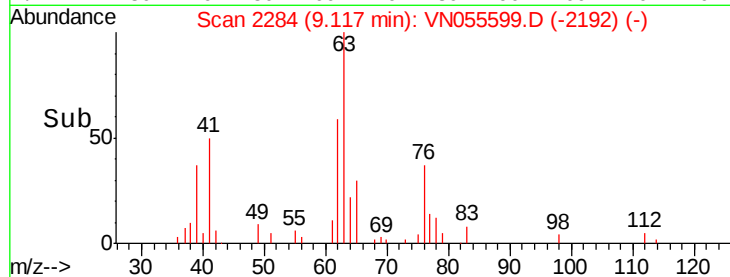
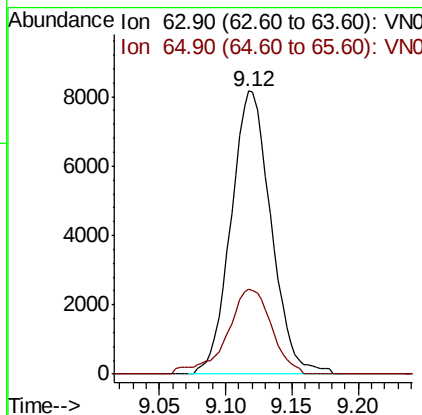
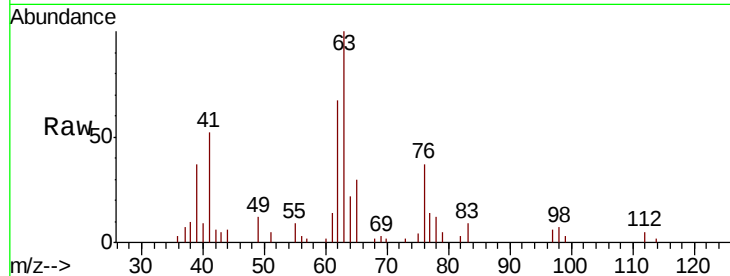




#45
 1,2-Dichloropropane
 Concen: 5.094 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

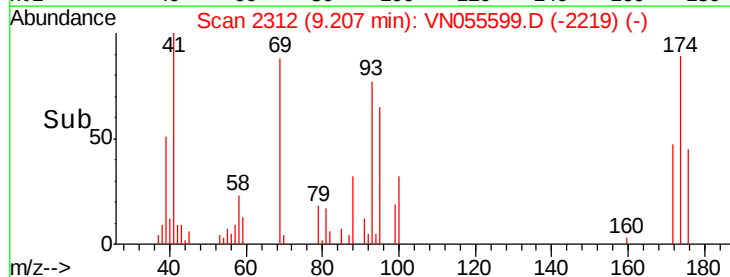
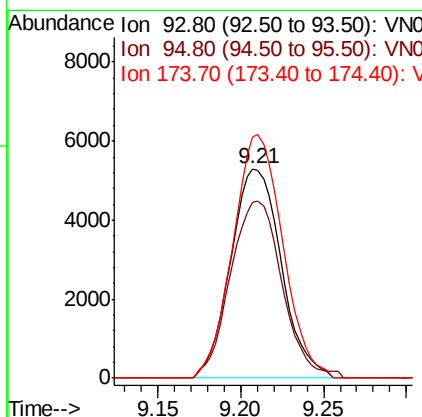
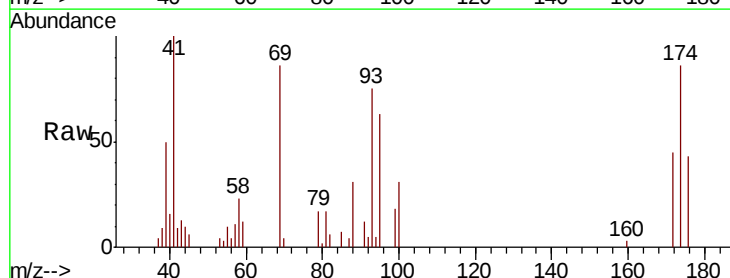
Instrument :
 MSVOA_N
 ClientSampled :

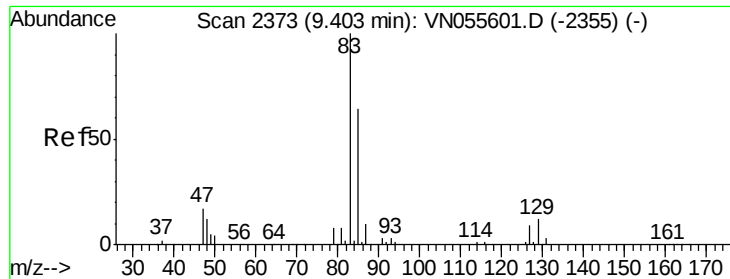
Tot Ion: 63 Resp: 17163
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.2 37.8



#46
 Dibromomethane
 Concen: 5.474 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

Tgt Ion: 93 Resp: 11264
 Ion Ratio Lower Upper
 93 100
 95 86.2 67.9 101.9
 174 114.5 93.8 140.6





#47

Bromodichloromethane

Concen: 5.349 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :
MSVOA_N
ClientSampled :

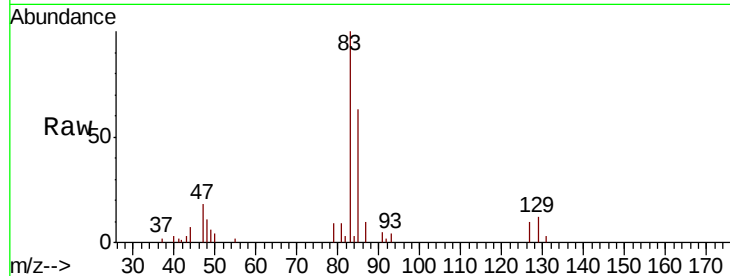
Tot Ion: 83 Resp: 23101

Ion Ratio Lower Upper

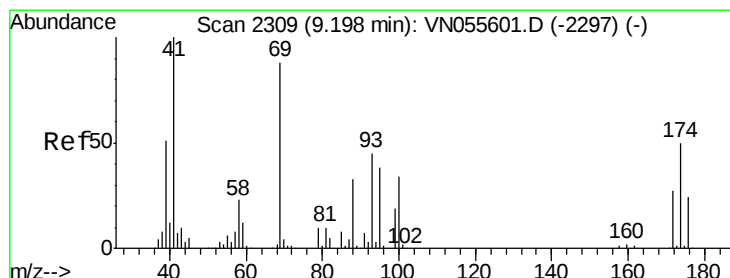
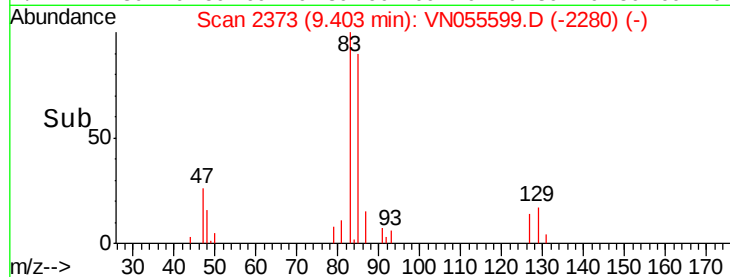
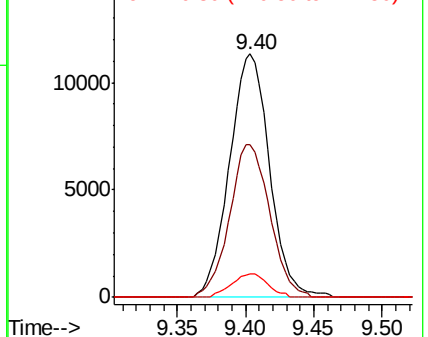
83 100

85 62.7 51.4 77.0

127 9.6 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): VN0



#48

Methyl methacrylate

Concen: 6.788 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

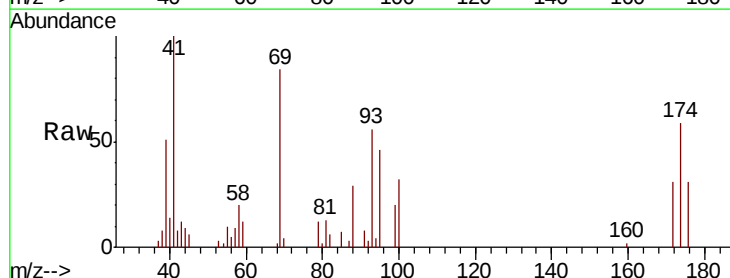
Tgt Ion: 41 Resp: 15100

Ion Ratio Lower Upper

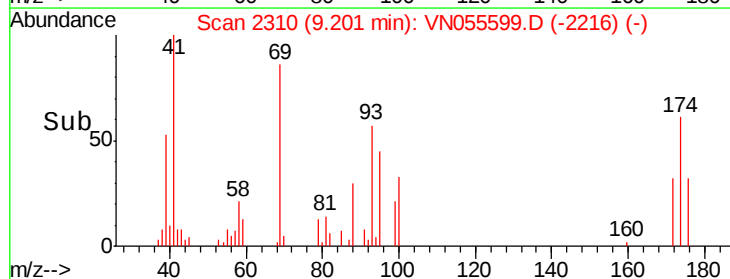
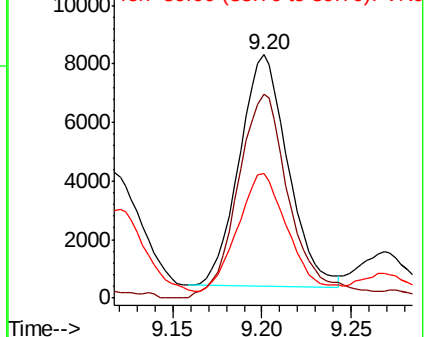
41 100

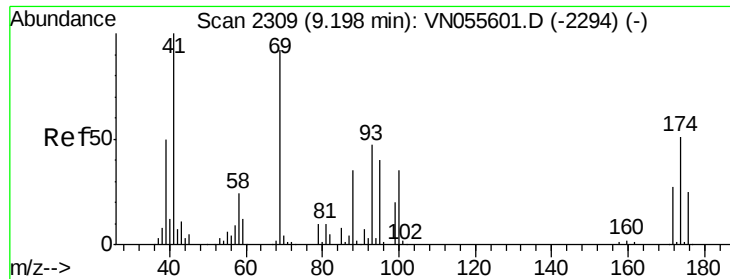
69 94.5 74.2 111.2

39 55.7 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

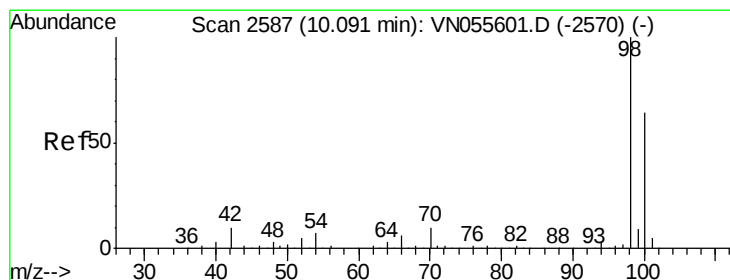
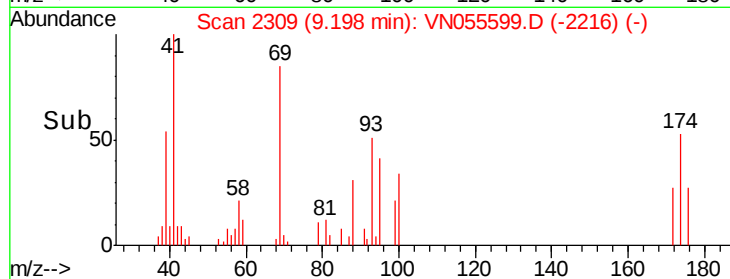
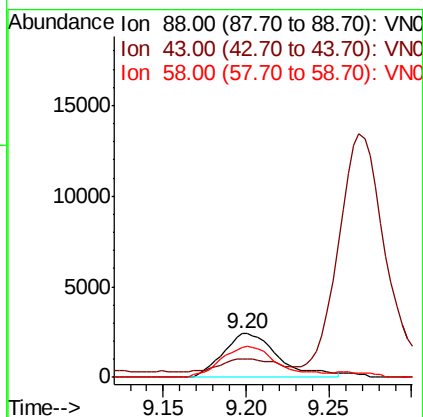
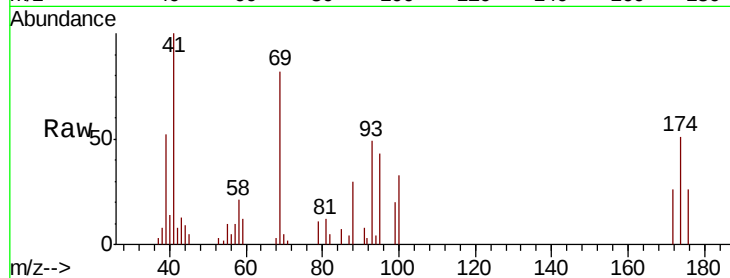




#49
 1,4-Dioxane
 Concen: 154.837 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

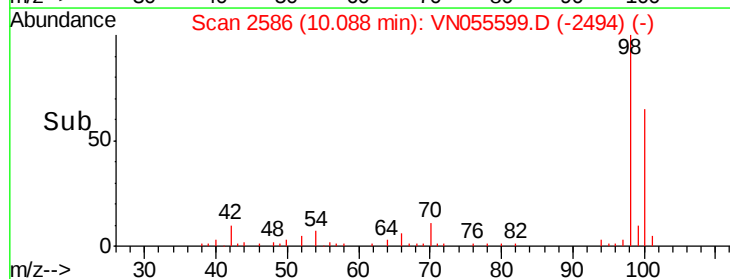
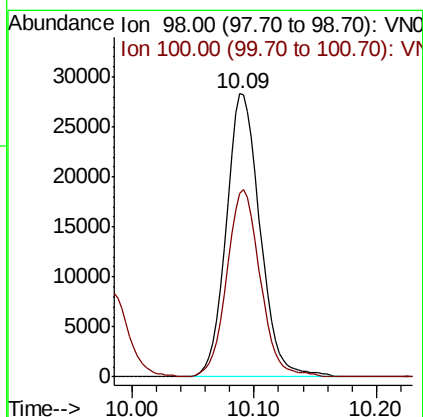
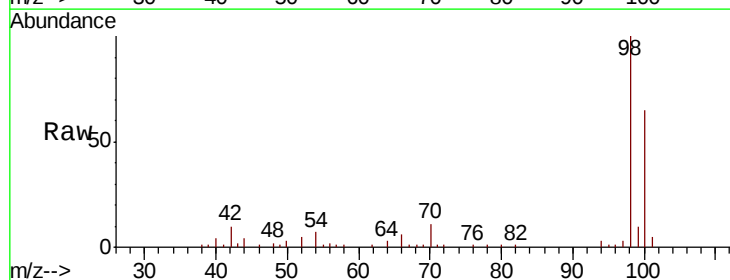
Instrument :
 MSVOA_N
 ClientSampleId :

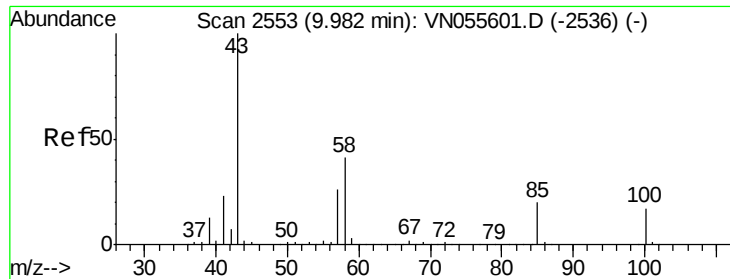
Tot Ion: 88 Resp: 5583
 Ion Ratio Lower Upper
 88 100
 43 30.2 22.4 33.6
 58 72.3 53.4 80.2



#50
 Toluene-d8
 Concen: 4.762 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

Tgt Ion: 98 Resp: 54758
 Ion Ratio Lower Upper
 98 100
 100 65.5 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 40.238 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

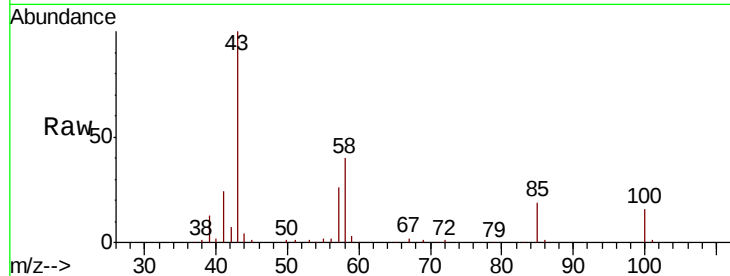
ClientSampled :

Tot Ion: 43 Resp: 99119

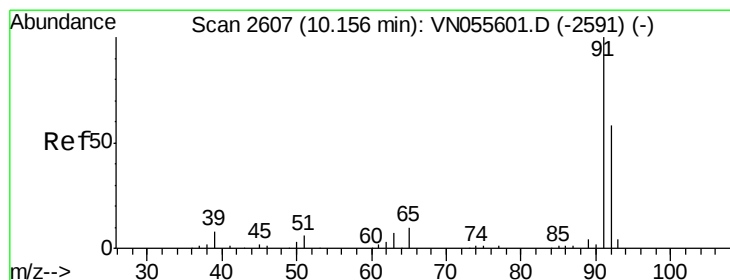
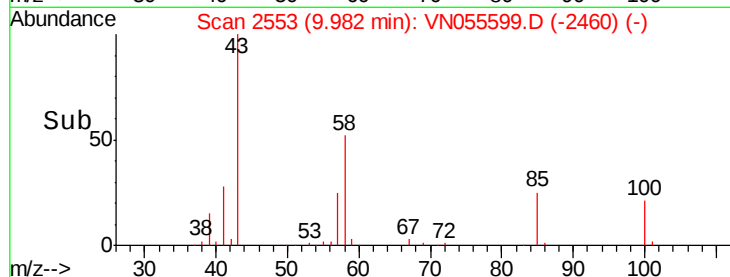
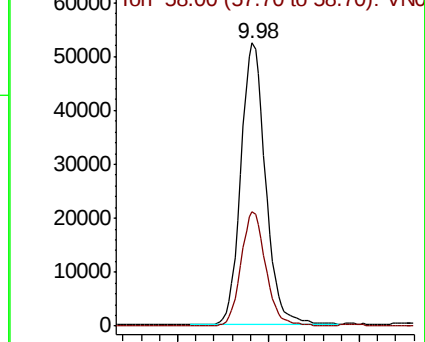
Ion Ratio Lower Upper

43 100

58 40.6 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055599.D (-2460) (-)



#52

Toluene

Concen: 5.071 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055599.D

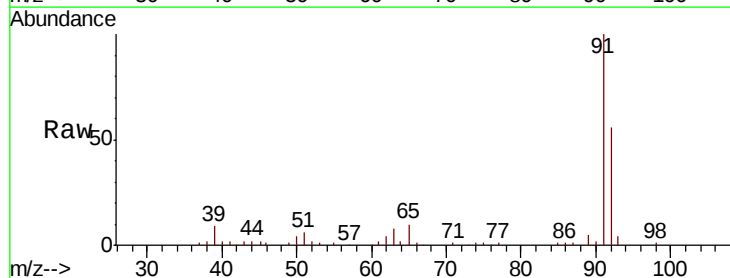
Acq: 17 May 2019 9:53

Tgt Ion: 92 Resp: 39337

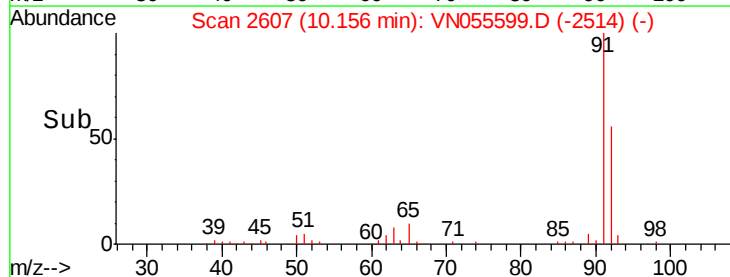
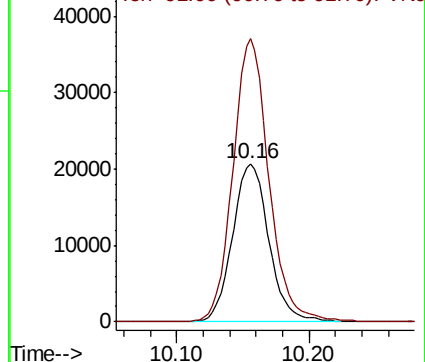
Ion Ratio Lower Upper

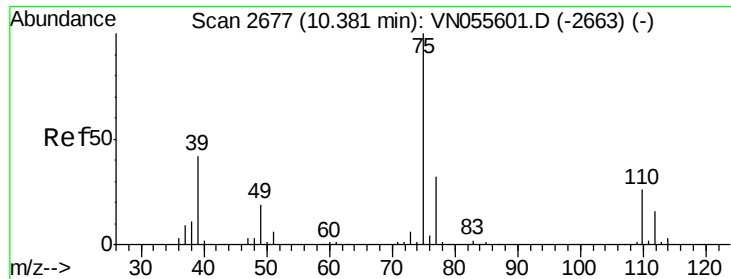
92 100

91 177.2 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055599.D (-2514) (-)





#53

t-1,3-Dichloropropene

Concen: 5.661 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

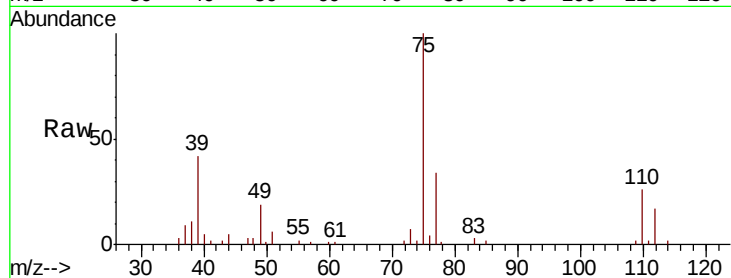
ClientSampleId :

Tot Ion: 75 Resp: 24121

Ion Ratio Lower Upper

75 100

77 32.2 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

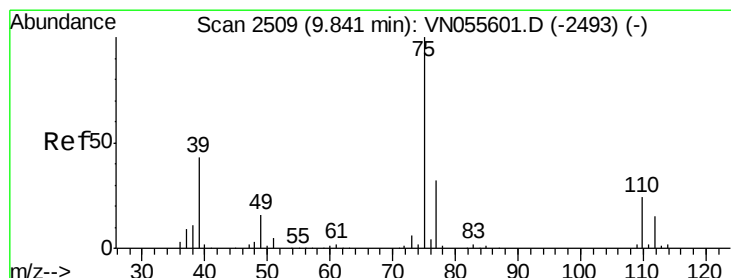
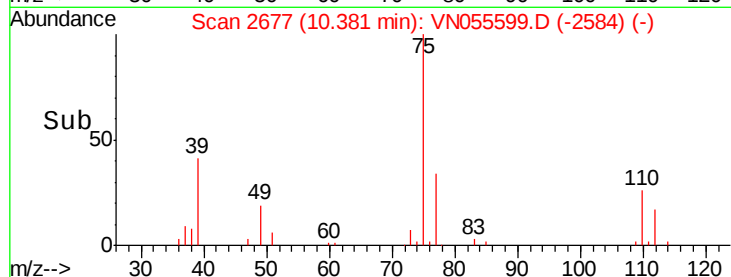
15000

10000

5000

0

Time--> 10.30 10.35 10.40 10.45



#54

cis-1,3-Dichloropropene

Concen: 5.446 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

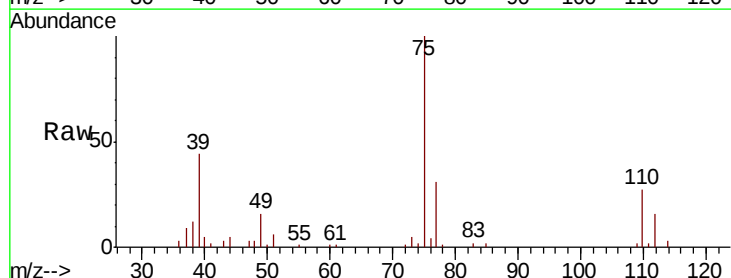
Tgt Ion: 75 Resp: 26763

Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5

39 43.3 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

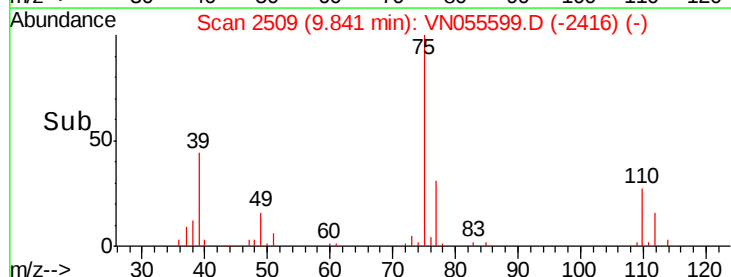
15000

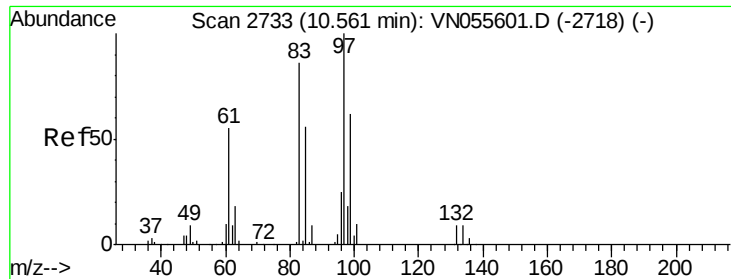
10000

5000

0

Time--> 9.80 9.85 9.90





#55

1,1,2-Trichloroethane

Concen: 5.685 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 16466

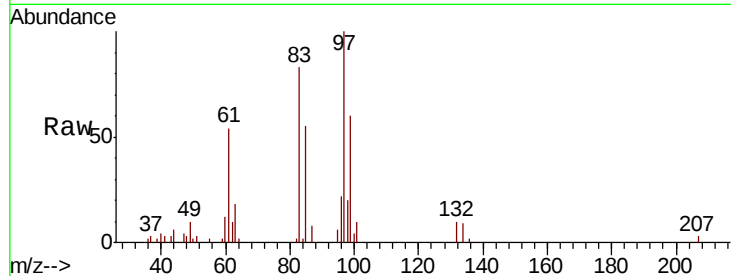
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.4	102.6
85	54.9	44.8	67.2
99	60.5	49.9	74.9

97 100

83 83.5 68.4 102.6

85 54.9 44.8 67.2

99 60.5 49.9 74.9



Abundance

Ion 96.90 (96.60 to 97.60): VN0

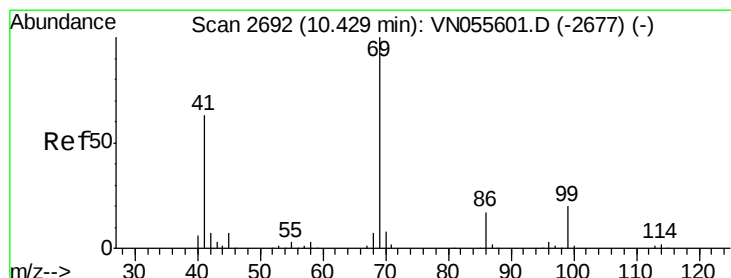
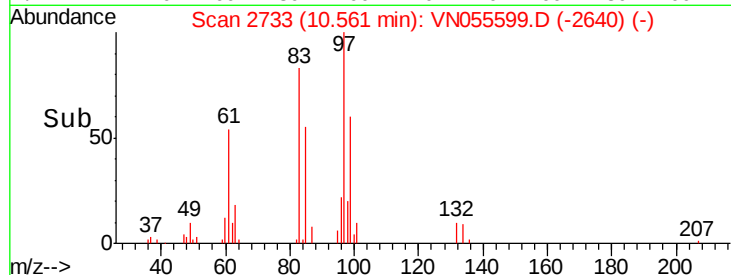
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

10.56

Time-->



#56

Ethyl methacrylate

Concen: 6.955 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

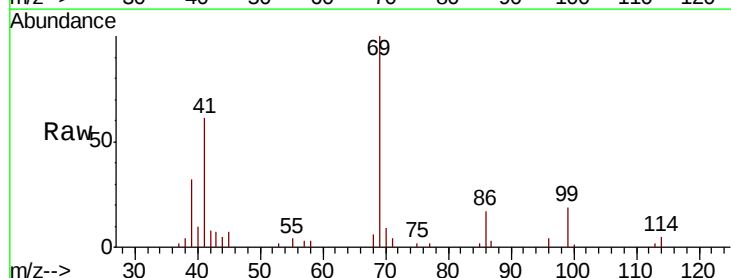
Tgt Ion: 69 Resp: 24089

Ion	Ratio	Lower	Upper
69	100		
41	61.4	50.3	75.5
39	34.9	25.4	38.2

69 100

41 61.4 50.3 75.5

39 34.9 25.4 38.2



Abundance

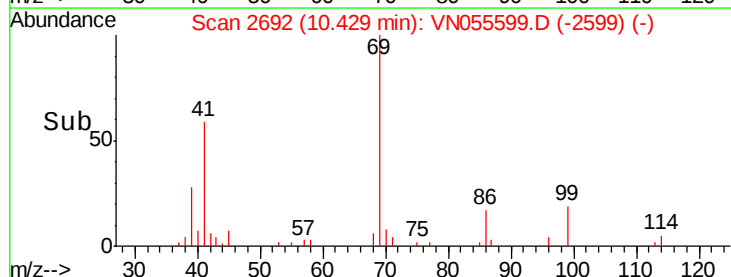
Ion 69.00 (68.70 to 69.70): VN0

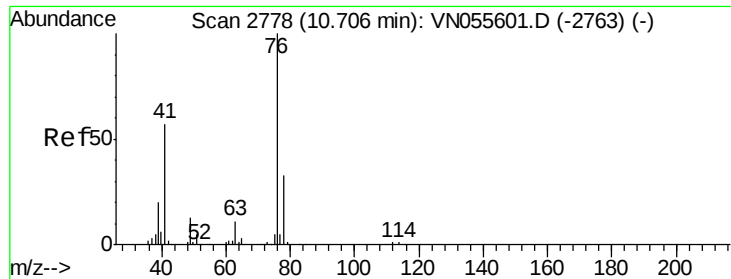
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

10.43

Time-->





#57

1,3-Dichloropropane

Concen: 5.295 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

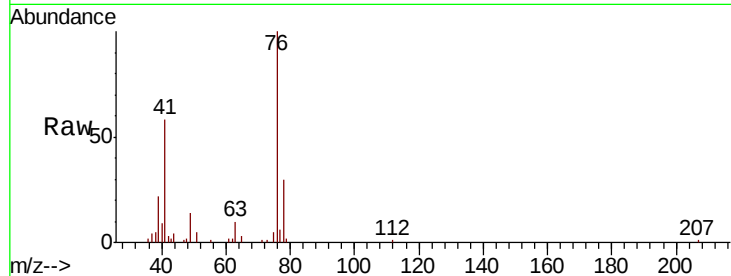
ClientSampleId :

Tot Ion: 76 Resp: 25404

Ion Ratio Lower Upper

76 100

78 32.6 26.5 39.7



Abundance Ion 75.90 (75.60 to 76.60): VN055601.D (-2763) (-)

Ion 77.90 (77.60 to 78.60): VN055601.D (-2763) (-)

10.71

15000

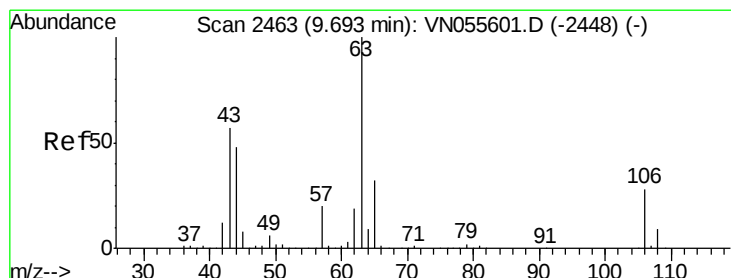
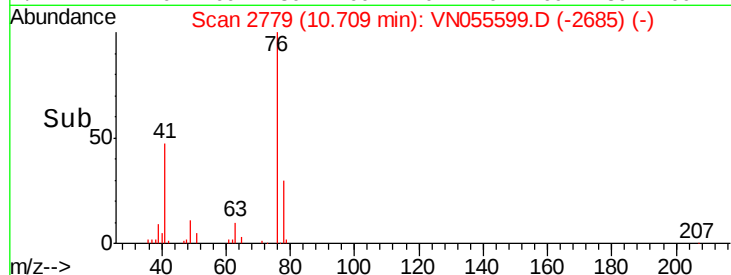
10000

5000

0

10.65 10.70 10.75

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 34.178 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN055599.D

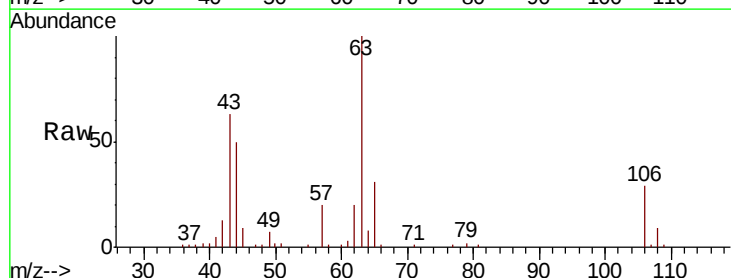
Acq: 17 May 2019 9:53

Tgt Ion: 63 Resp: 52129

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VN055601.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN055601.D (-2448) (-)

9.69

30000

25000

20000

15000

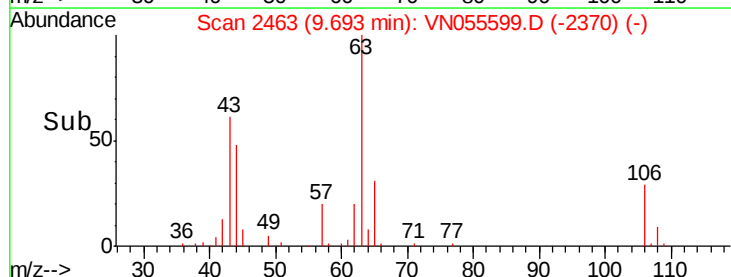
10000

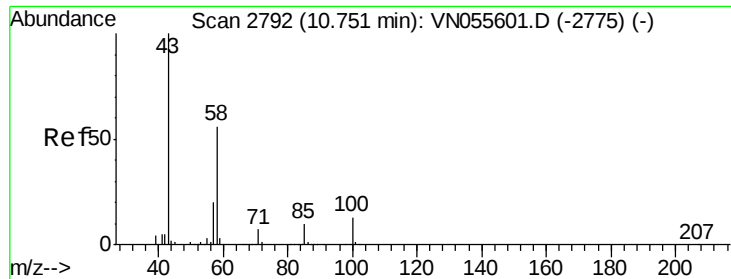
5000

0

9.60 9.65 9.70 9.75 9.80

Time-->

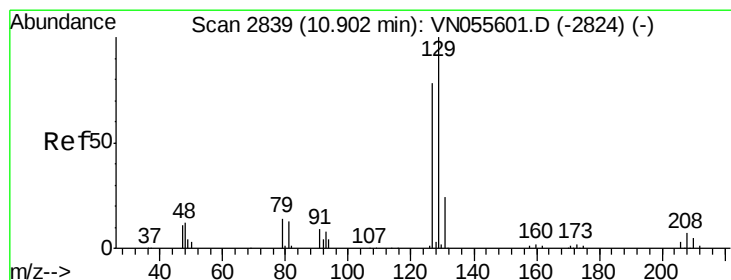
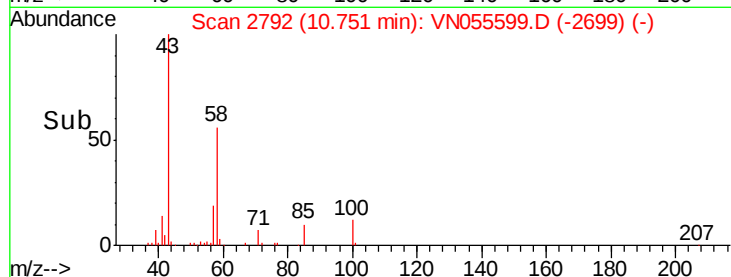
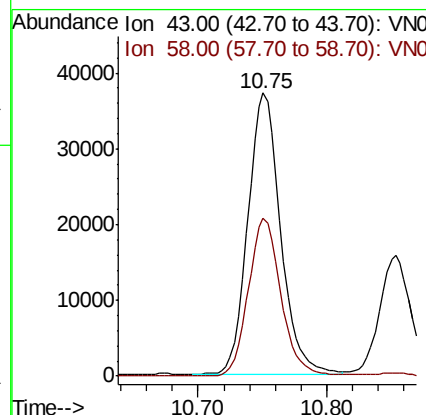
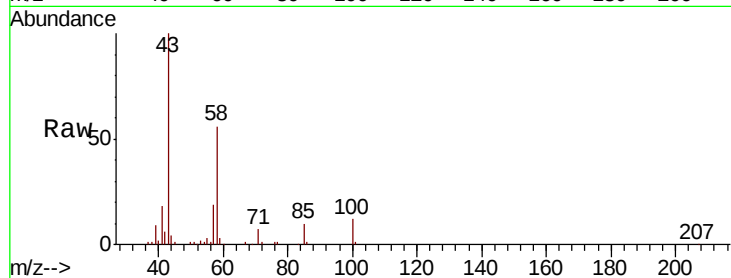




#59
2-Hexanone
Concen: 38.769 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

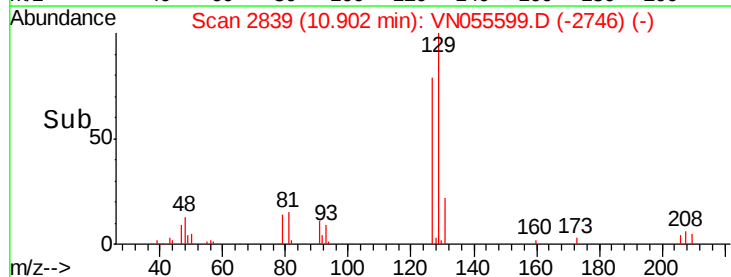
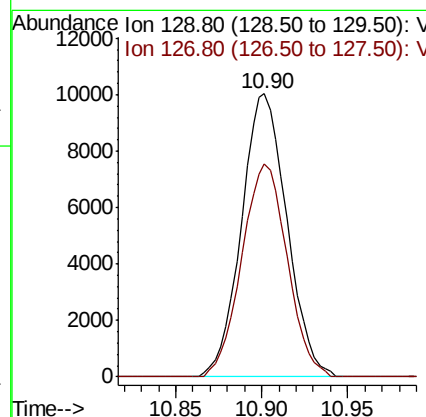
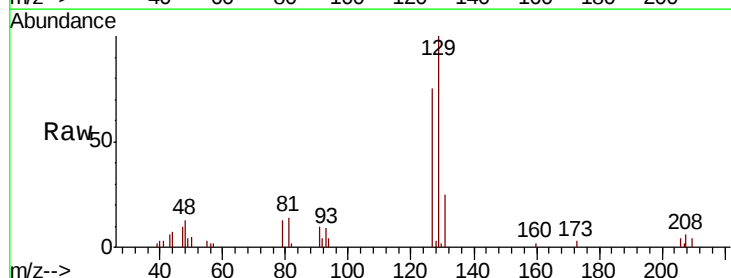
Instrument :
MSVOA_N
ClientSampled :

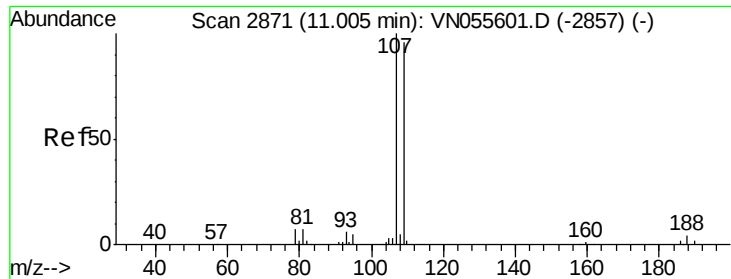
Tot Ion: 43 Resp: 65635
Ion Ratio Lower Upper
43 100
58 56.1 28.1 84.4



#60
Dibromochloromethane
Concen: 5.476 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion: 129 Resp: 18381
Ion Ratio Lower Upper
129 100
127 75.2 38.6 115.8

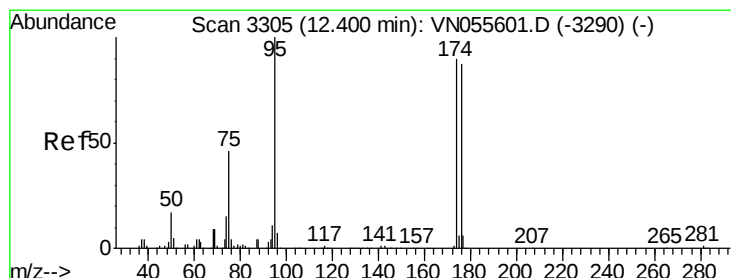
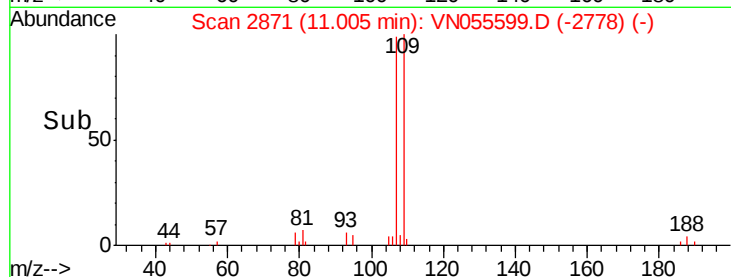
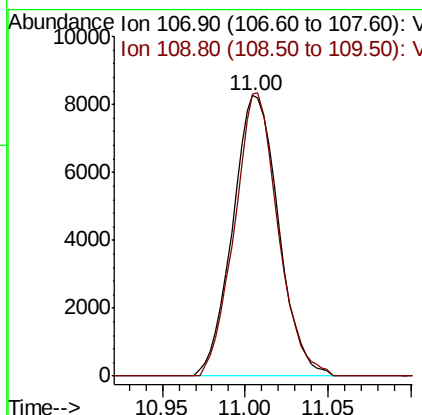
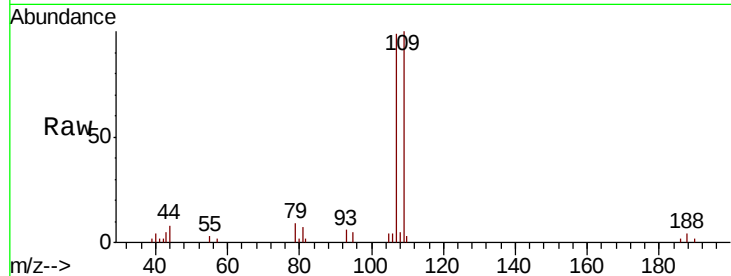




#61
1,2-Dibromoethane
Concen: 5.503 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

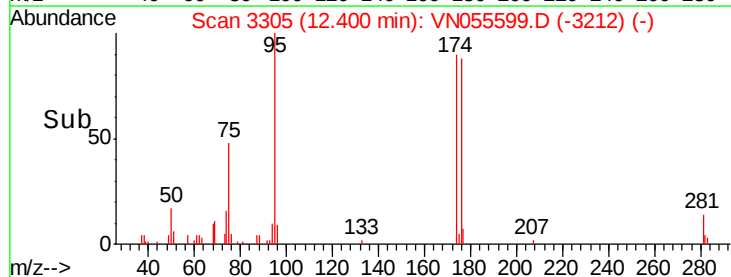
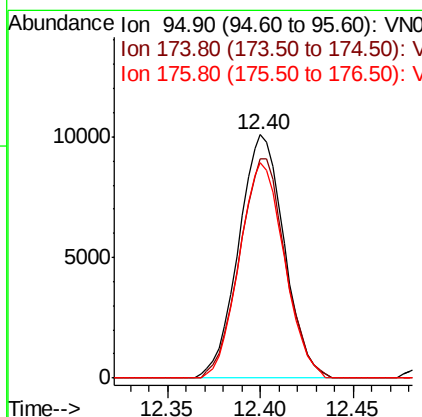
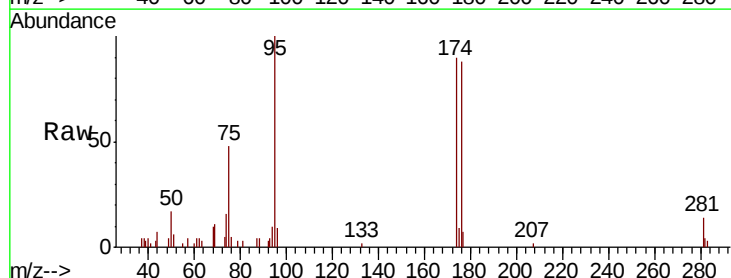
Instrument :
MSVOA_N
ClientSampled :

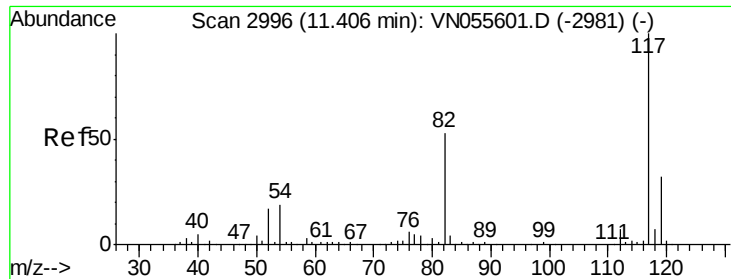
Tot Ion:107 Resp: 15876
Ion Ratio Lower Upper
107 100
109 95.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 4.541 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion: 95 Resp: 17283
Ion Ratio Lower Upper
95 100
174 90.3 0.0 180.6
176 87.1 0.0 177.4

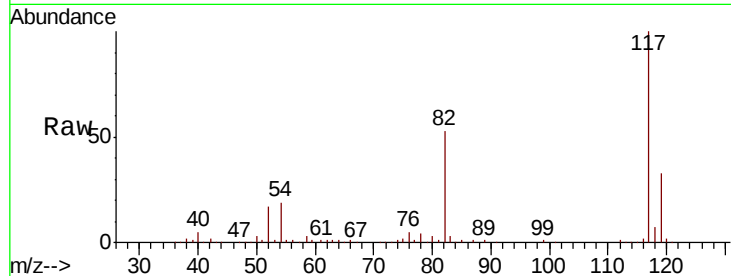




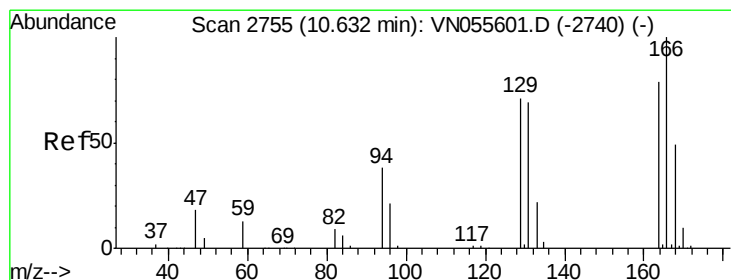
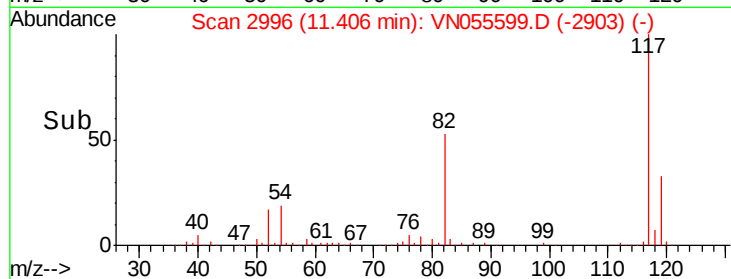
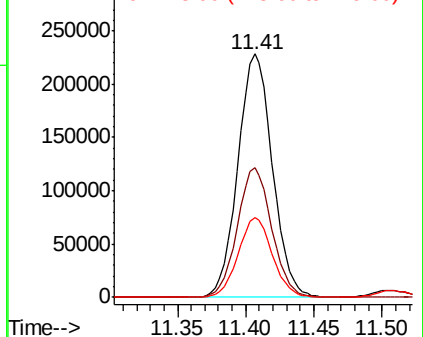
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 401702
Ion Ratio Lower Upper
117 100
82 53.2 42.3 63.5
119 32.8 25.4 38.2

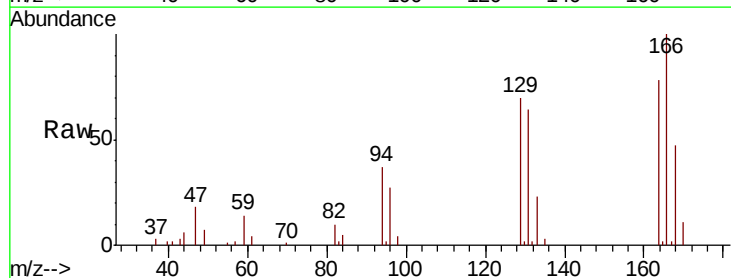


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

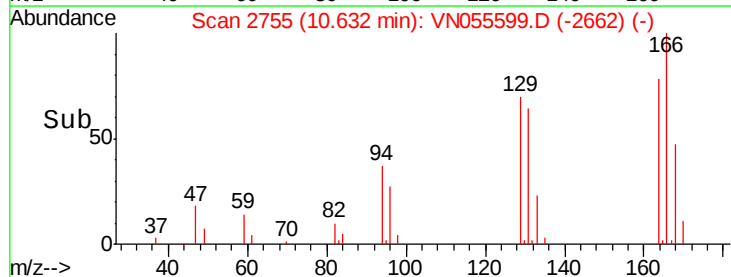
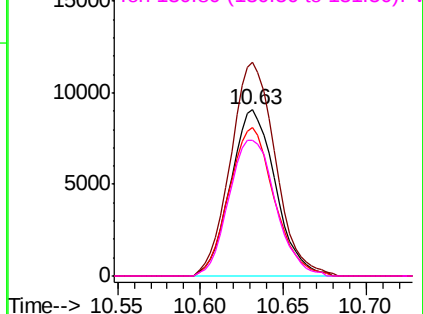


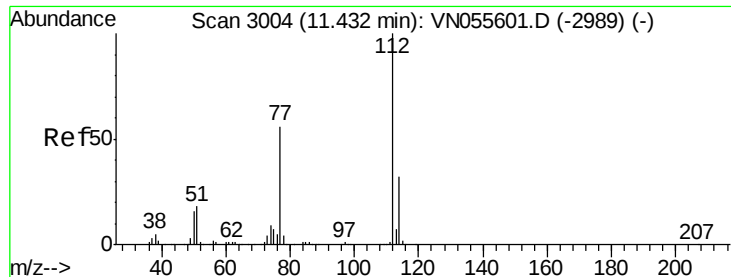
#64
Tetrachloroethene
Concen: 4.834 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion:164 Resp: 17083
Ion Ratio Lower Upper
164 100
166 128.8 101.0 151.6
129 89.6 71.7 107.5
131 82.2 69.6 104.4



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

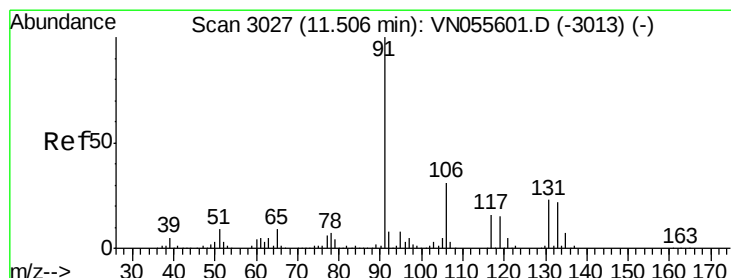
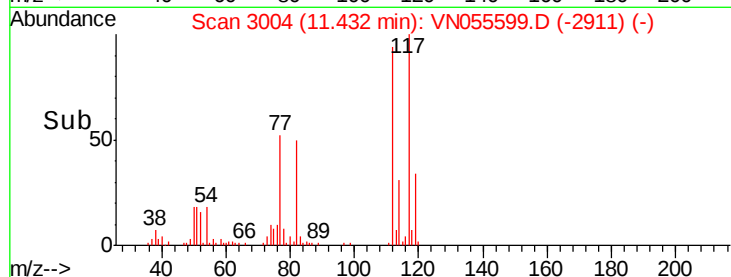
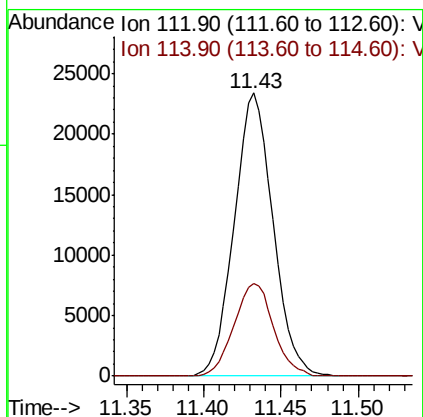
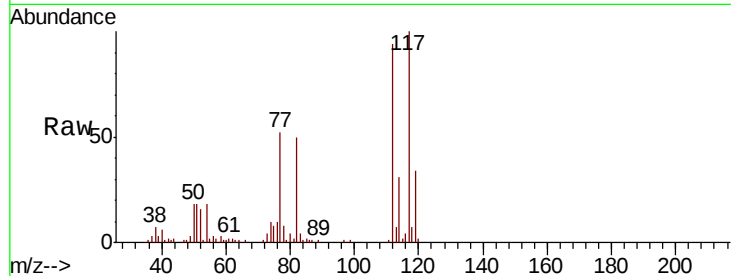




#65
Chlorobenzene
Concen: 4.862 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

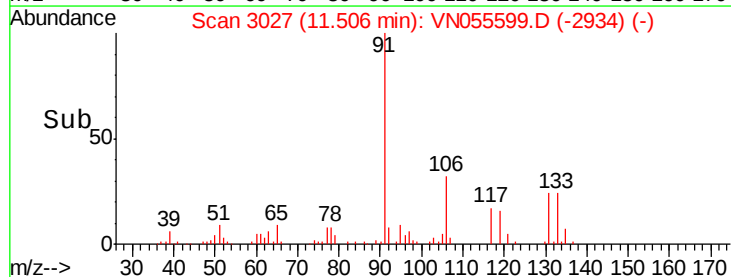
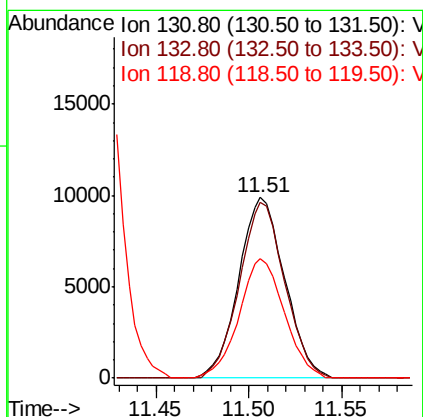
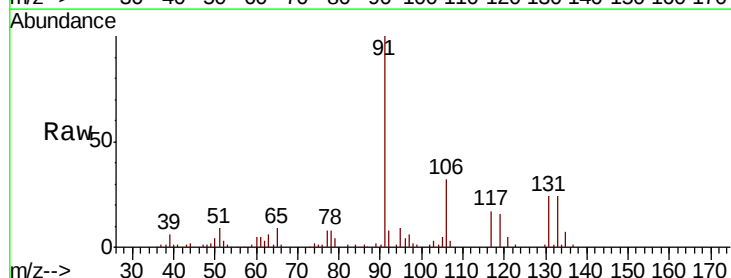
Instrument :
MSVOA_N
ClientSampled :

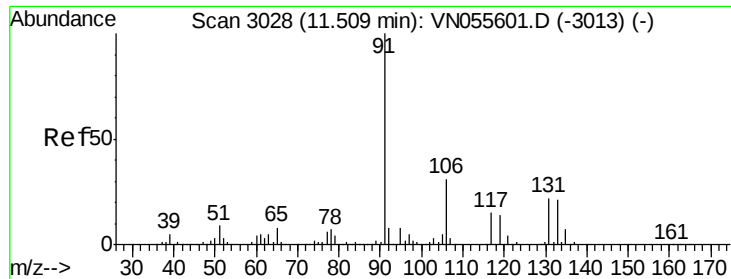
Tot Ion:112 Resp: 40757
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 5.513 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion:131 Resp: 17019
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 65.1 33.3 99.8

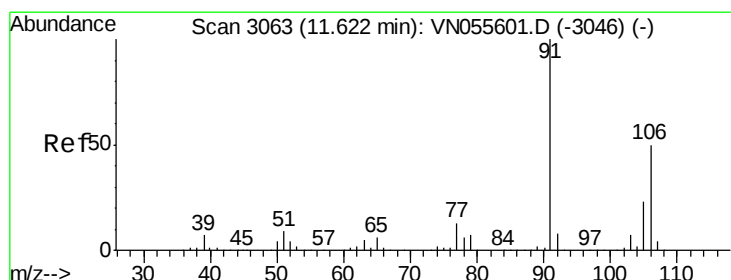
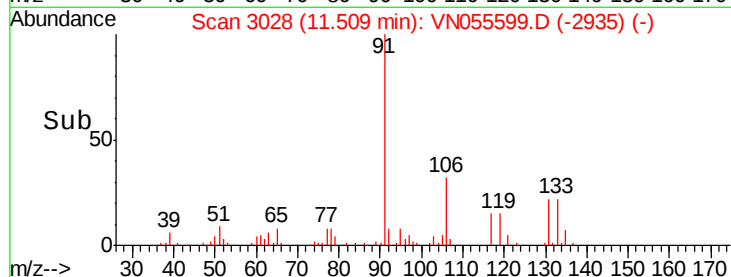
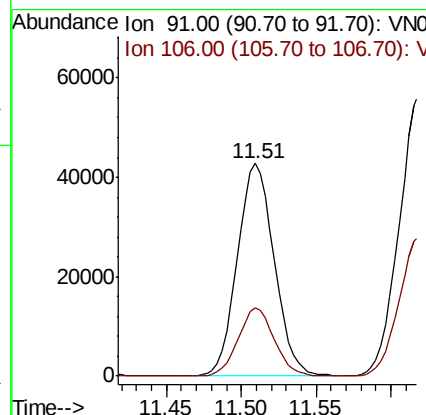
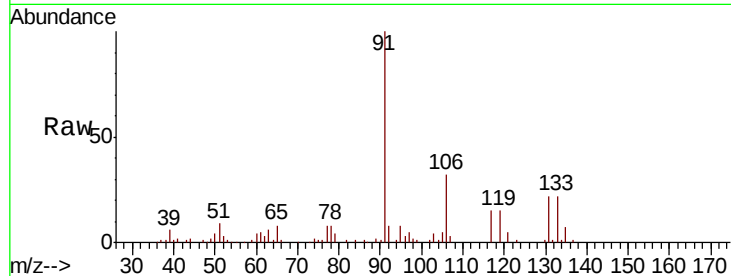




#67
Ethyl Benzene
Concen: 5.376 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

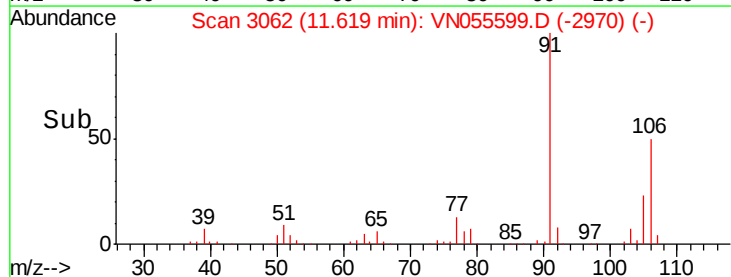
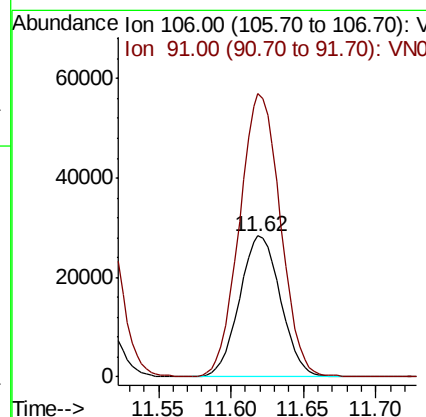
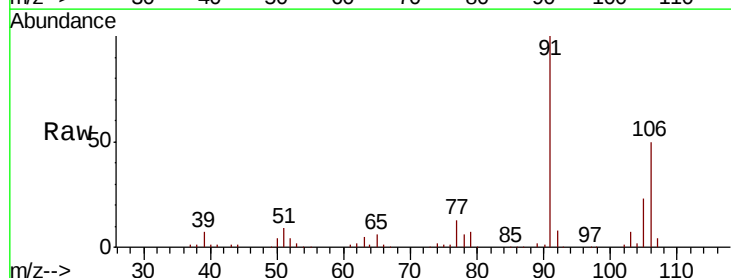
Instrument :
MSVOA_N
ClientSampled :

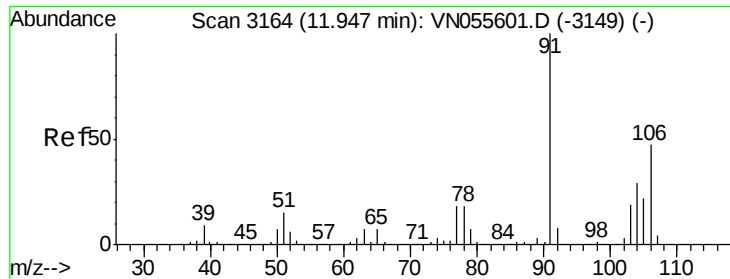
Tot Ion: 91 Resp: 73494
Ion Ratio Lower Upper
91 100
106 32.2 25.2 37.8



#68
m/p-Xylenes
Concen: 10.616 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion: 106 Resp: 55830
Ion Ratio Lower Upper
106 100
91 200.6 160.5 240.7

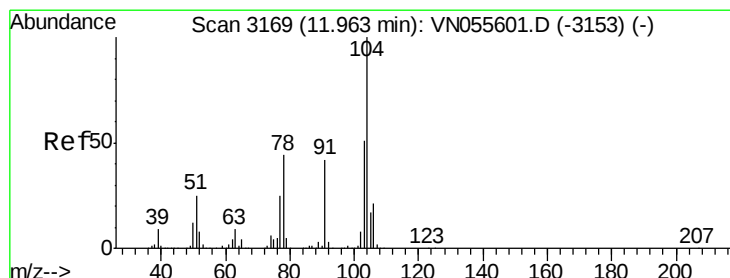
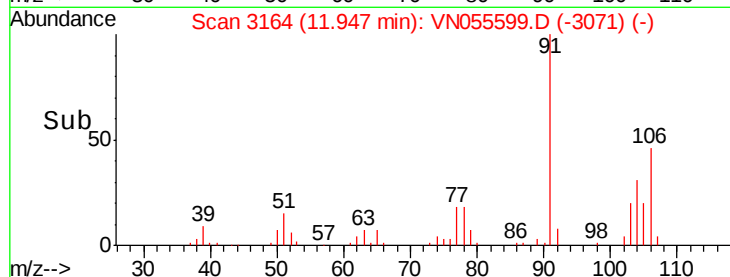
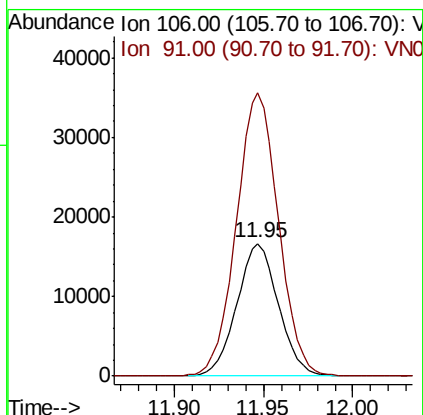
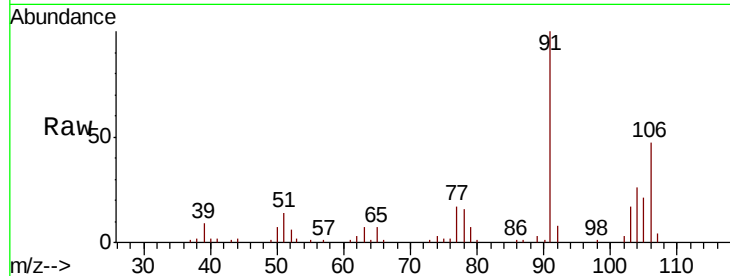




#69
o-Xylene
Concen: 5.340 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

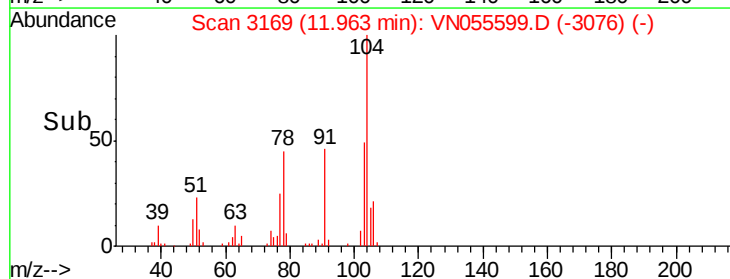
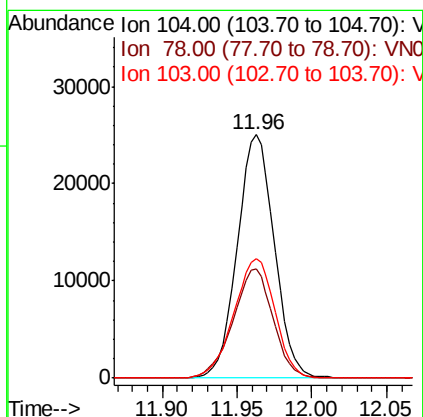
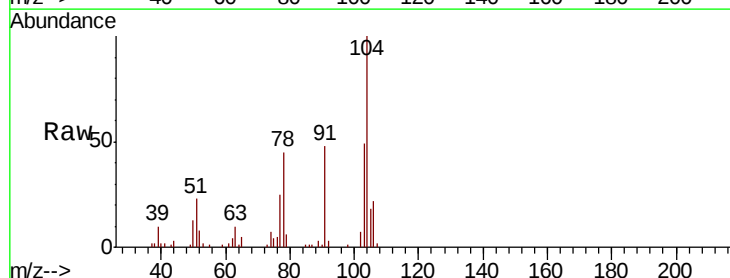
Instrument :
MSVOA_N
ClientSampled :

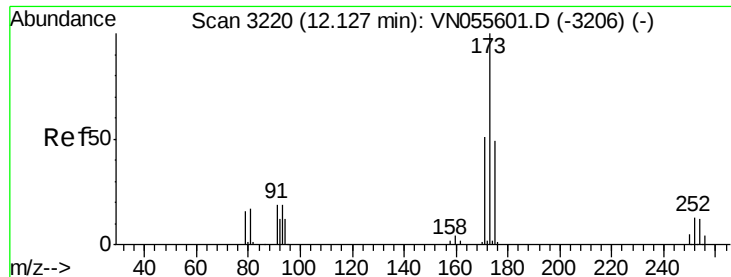
Tot Ion:106 Resp: 27090
Ion Ratio Lower Upper
106 100
91 216.6 106.7 320.2



#70
Styrene
Concen: 5.363 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion:104 Resp: 43100
Ion Ratio Lower Upper
104 100
78 48.4 38.6 58.0
103 54.3 44.4 66.6





#71

Bromoform

Concen: 5.905 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

ClientSampleId :

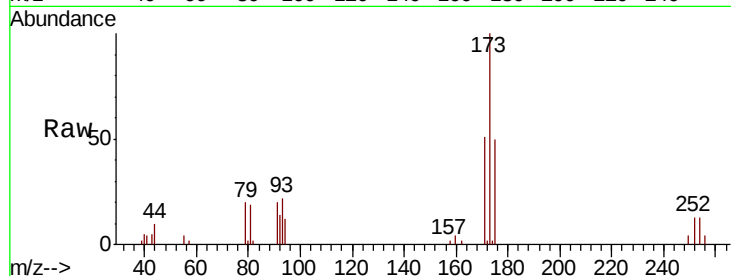
Tot Ion:173 Resp: 13463

Ion Ratio Lower Upper

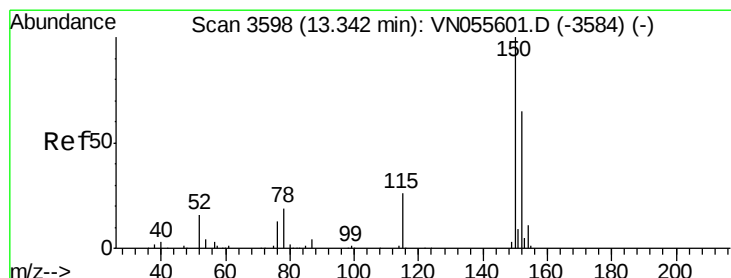
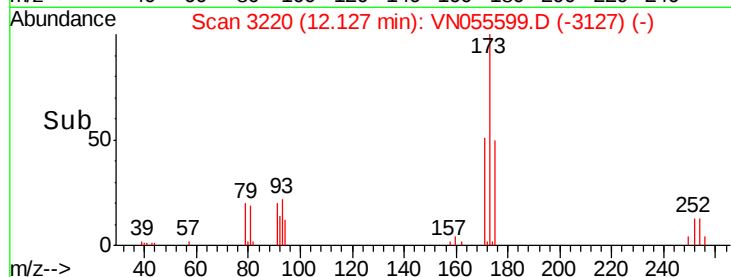
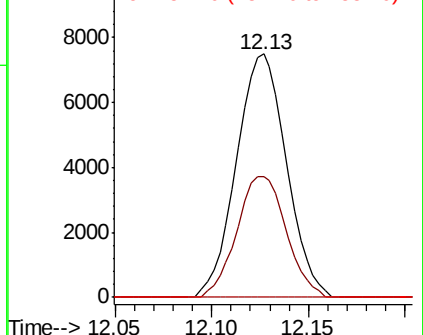
173 100

175 49.0 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: VN055599.D

Acq: 17 May 2019 9:53

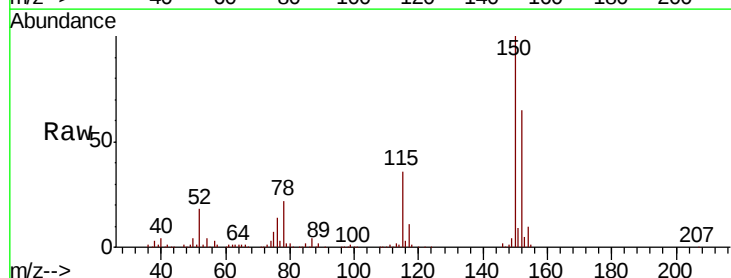
Tgt Ion:152 Resp: 155367

Ion Ratio Lower Upper

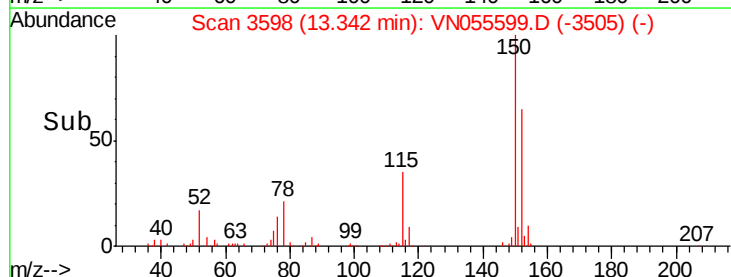
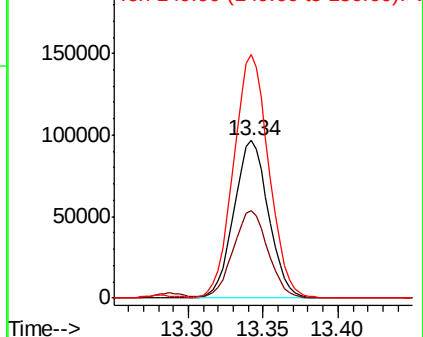
152 100

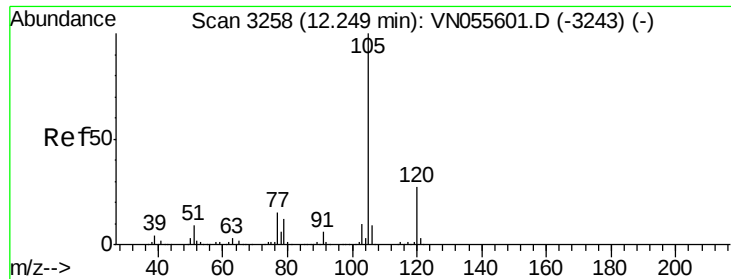
115 56.0 28.1 84.2

150 158.0 0.0 348.0



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





#73

Isopropylbenzene

Concen: 6.651 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

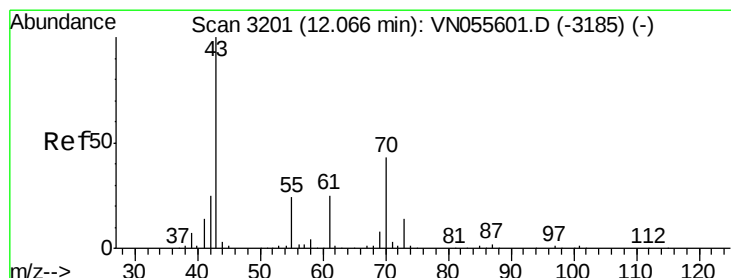
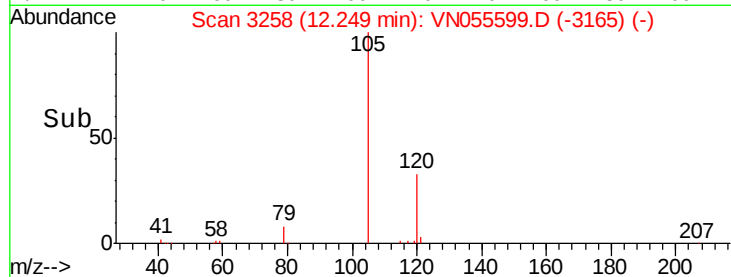
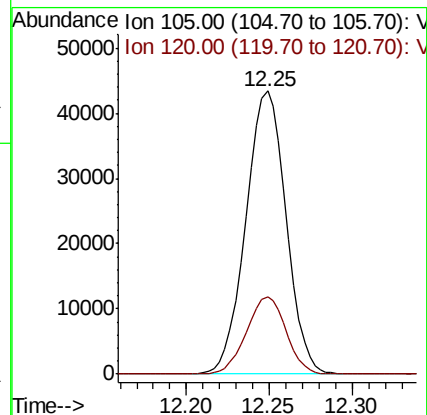
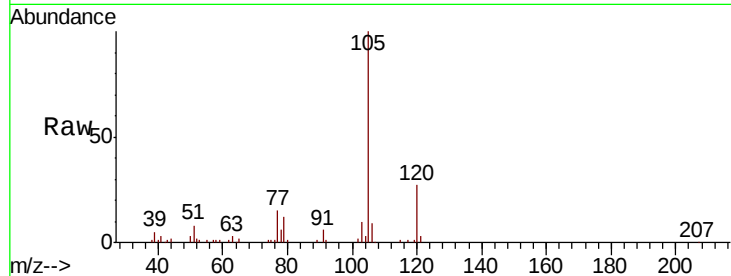
ClientSampleId :

Tot Ion:105 Resp: 73200

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 8.445 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Tgt Ion: 43 Resp: 23730

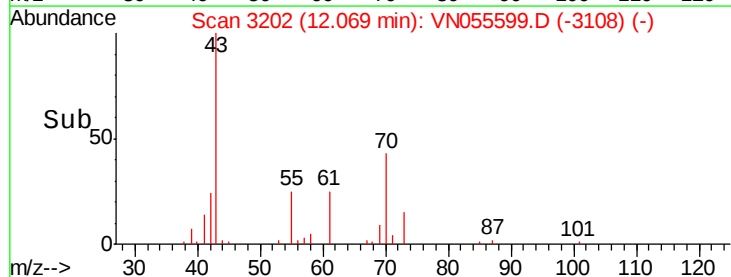
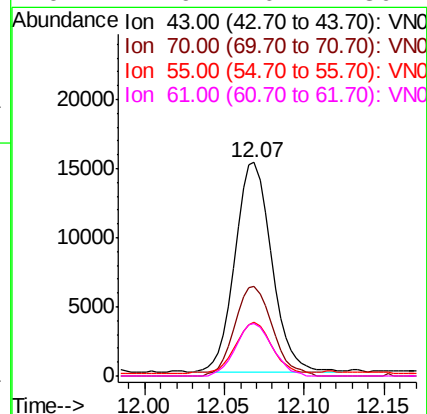
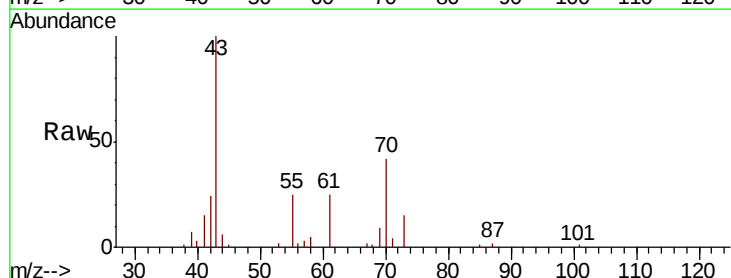
Ion Ratio Lower Upper

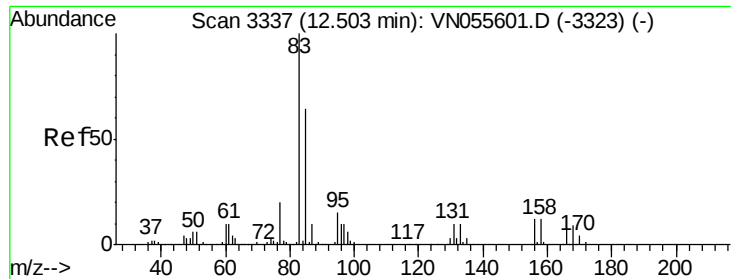
43 100

70 43.8 35.0 52.6

55 22.9 18.9 28.3

61 24.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 7.883 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

ClientSampleId :

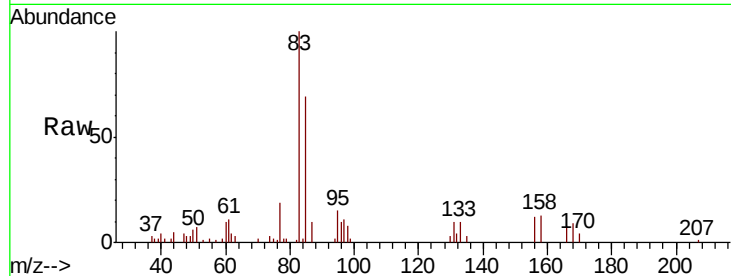
Tot Ion: 83 Resp: 21667

Ion Ratio Lower Upper

83 100

131 9.6 5.3 16.1

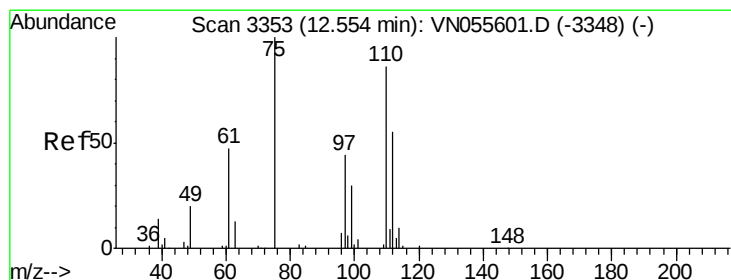
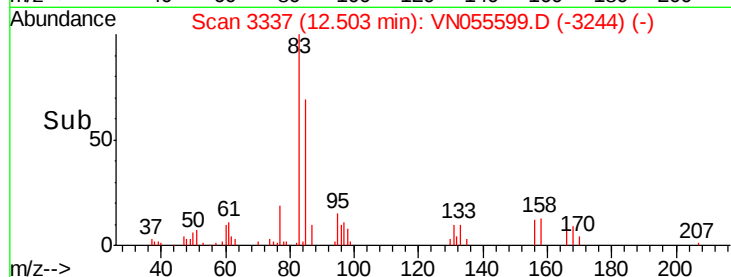
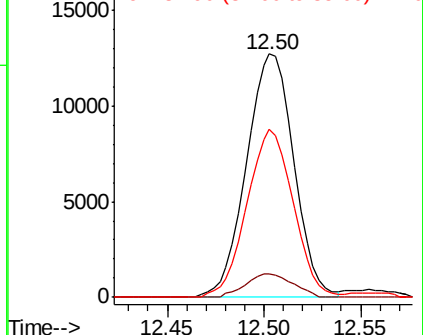
85 67.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN055599.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN055599.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN055599.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 11.095 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN055599.D

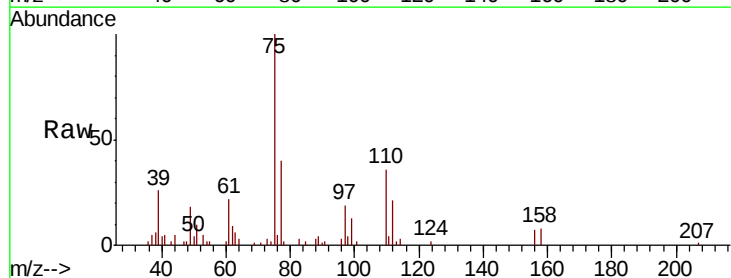
Acq: 17 May 2019 9:53

Tgt Ion: 75 Resp: 26485

Ion Ratio Lower Upper

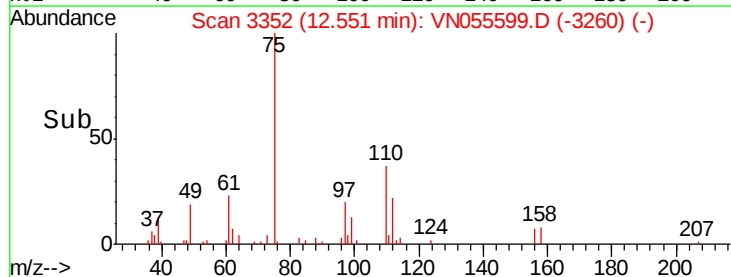
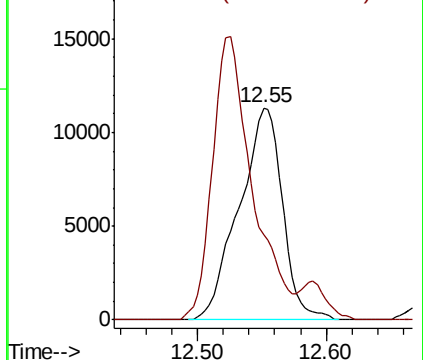
75 100

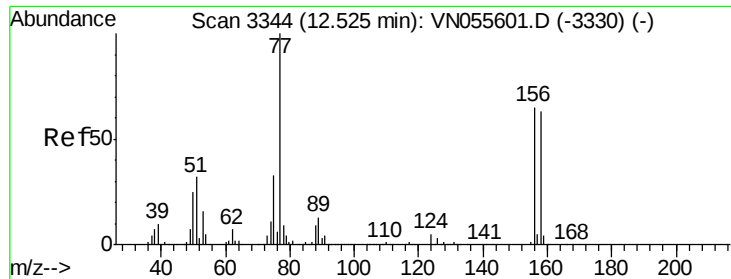
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055599.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055599.D (-3260) (-)





#77

Bromobenzene

Concen: 5.772 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

ClientSampled :

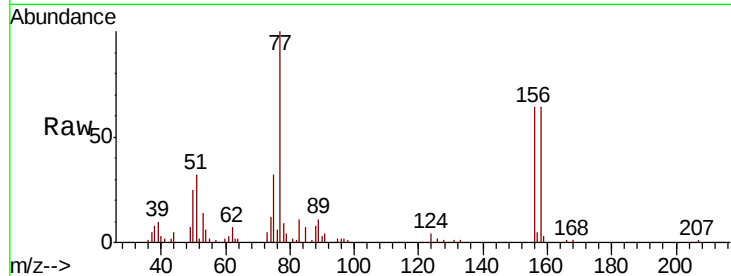
Tot Ion:156 Resp: 16980

Ion Ratio Lower Upper

156 100

77 190.5 94.5 283.5

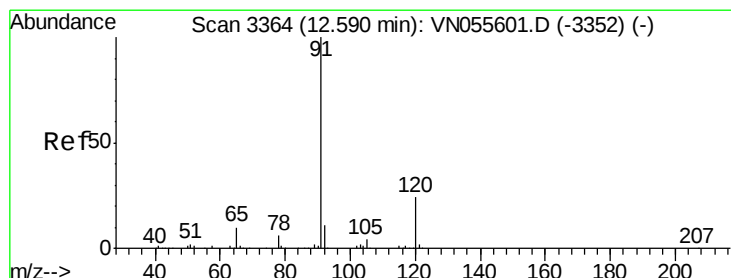
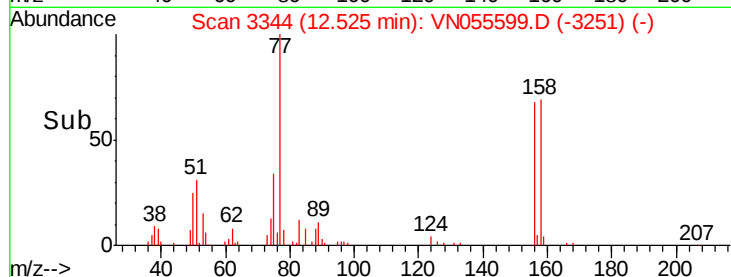
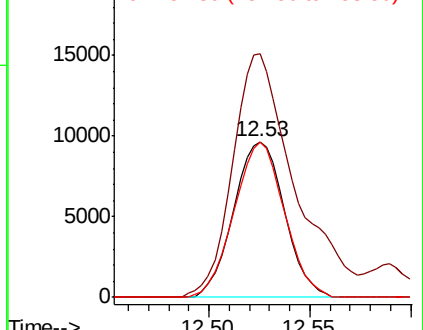
158 98.7 49.0 147.2



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: 6.215 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055599.D

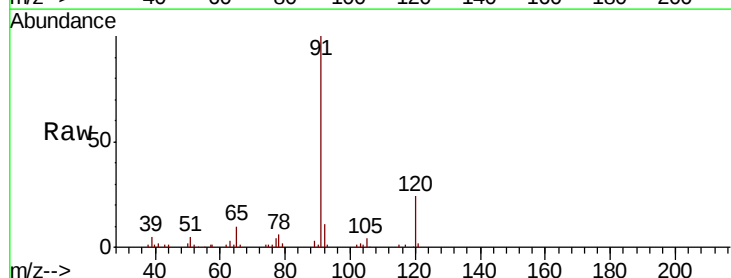
Acq: 17 May 2019 9:53

Tgt Ion: 91 Resp: 76113

Ion Ratio Lower Upper

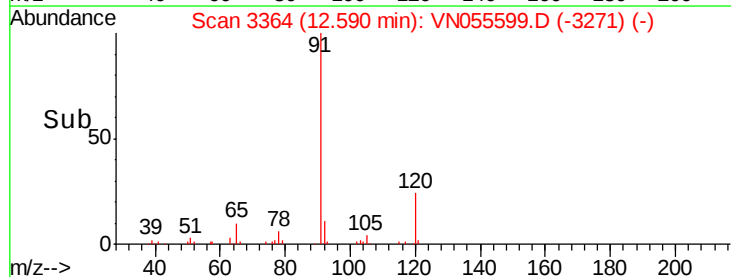
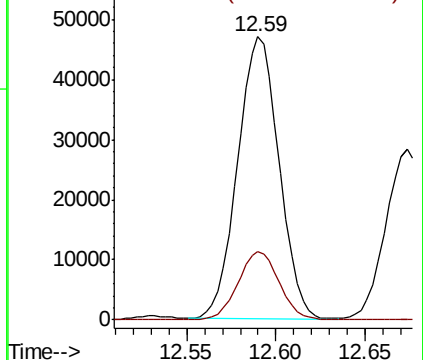
91 100

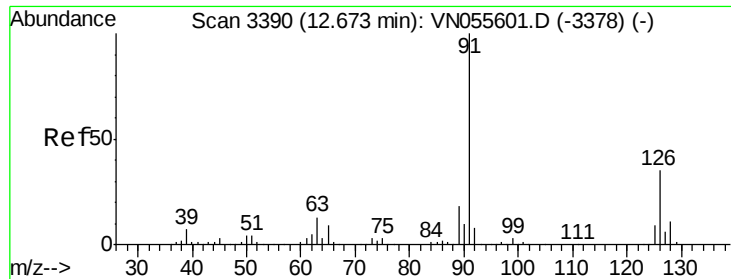
120 23.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

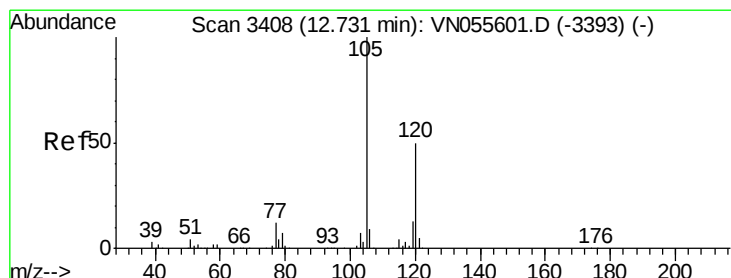
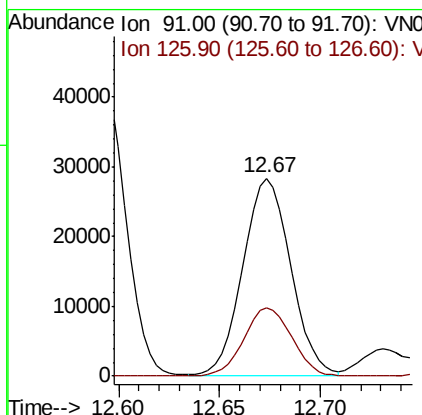
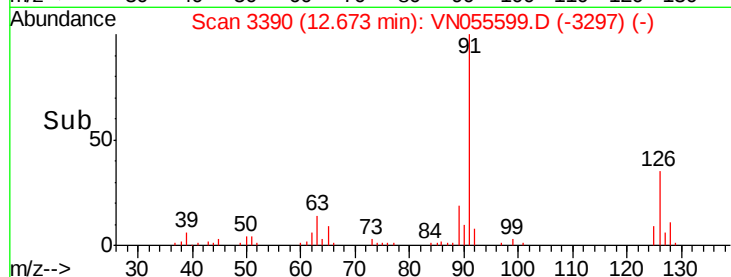
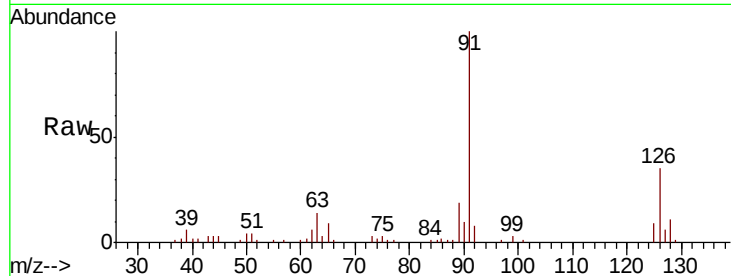




#79
 2-Chlorotoluene
 Concen: 6.339 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

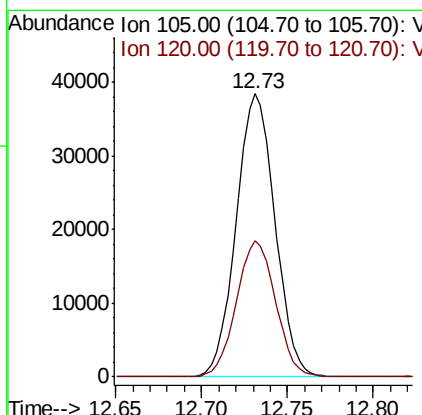
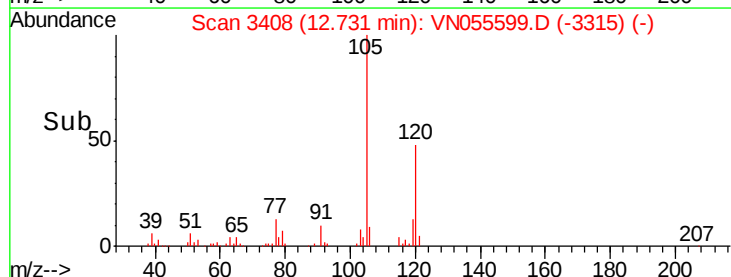
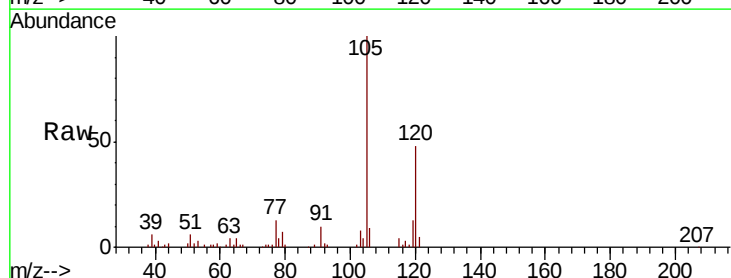
Instrument :
 MSVOA_N
 ClientSampled :

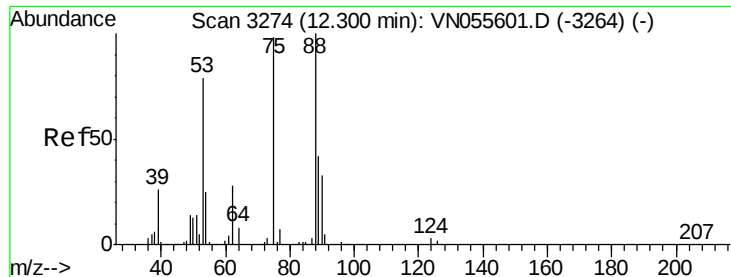
Tot Ion: 91 Resp: 46929
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.8 53.4



#80
 1,3,5-Trimethylbenzene
 Concen: 6.616 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

Tgt Ion: 105 Resp: 60386
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.6 74.0

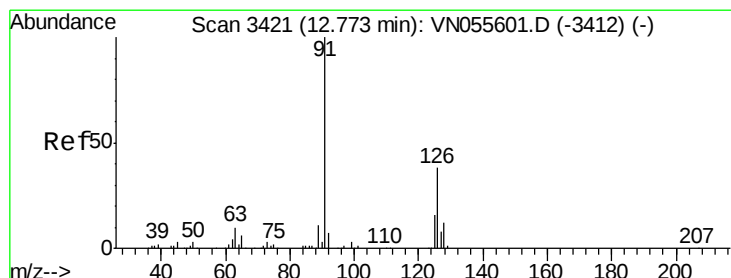
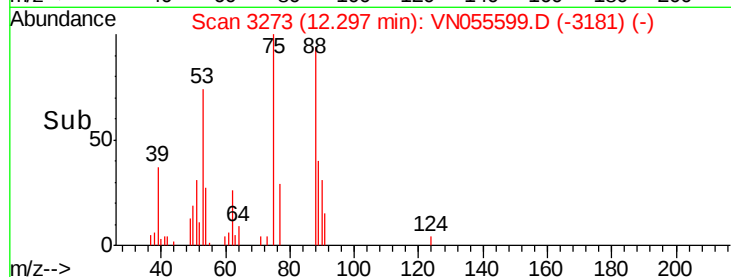
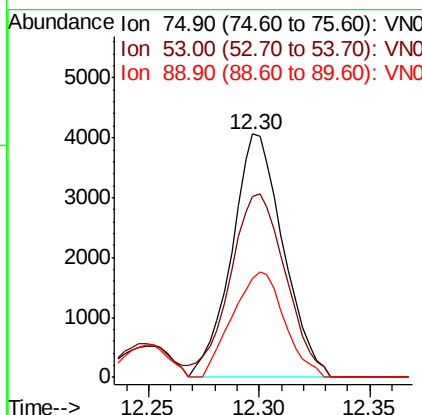
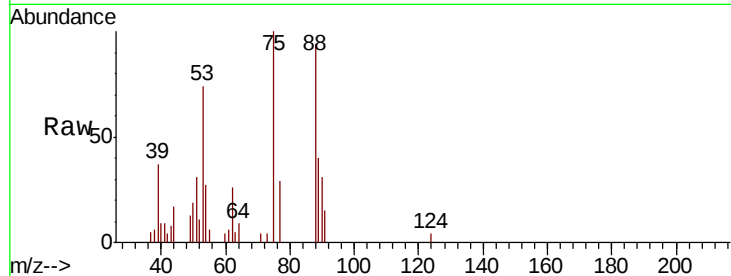




#81
trans-1,4-Dichloro-2-butene
Concen: 8.497 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. -0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

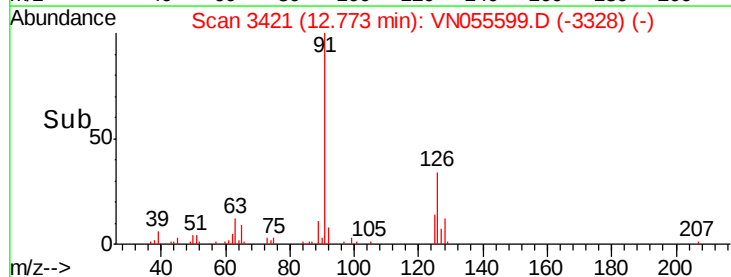
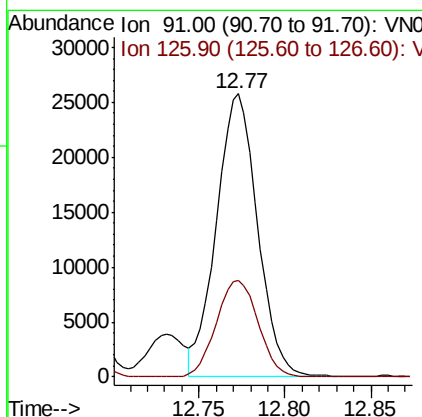
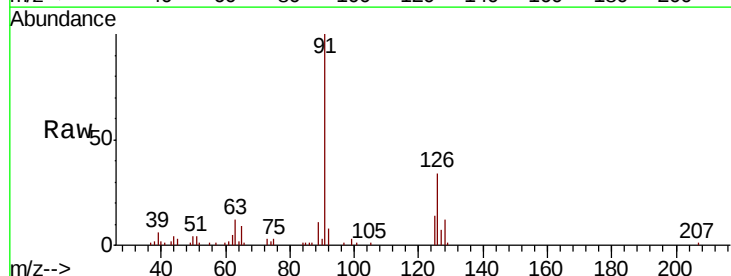
Instrument :
MSVOA_N
ClientSampled :

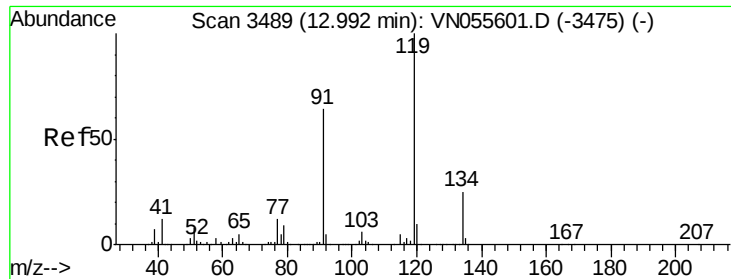
Tot Ion: 75 Resp: 6565
Ion Ratio Lower Upper
75 100
53 81.3 65.1 97.7
89 43.8 36.4 54.6



#82
4-Chlorotoluene
Concen: 5.862 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion: 91 Resp: 43169
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.6

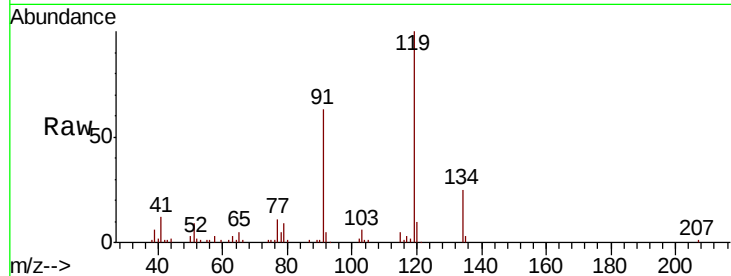




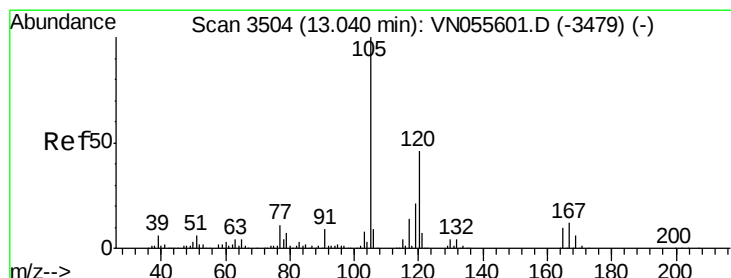
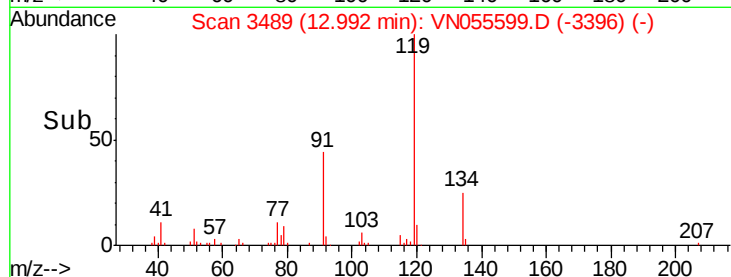
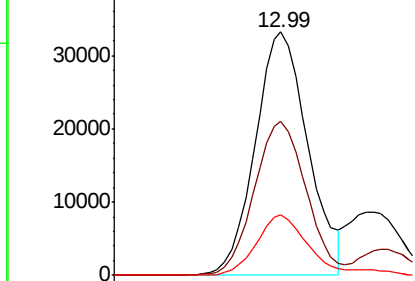
#83
tert-Butylbenzene
Concen: 6.724 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 54862
Ion Ratio Lower Upper
119 100
91 62.4 31.3 93.8
134 25.2 13.2 39.6

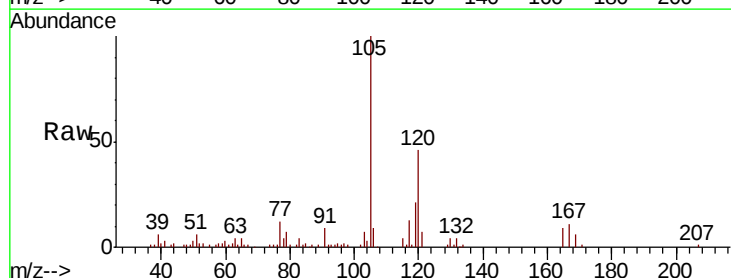


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

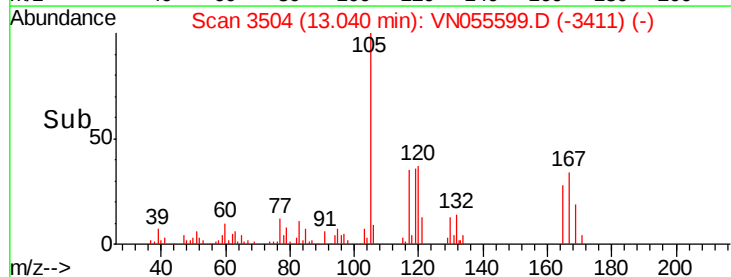
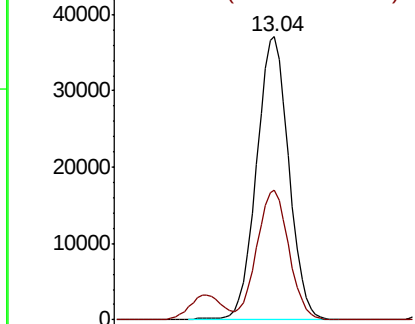


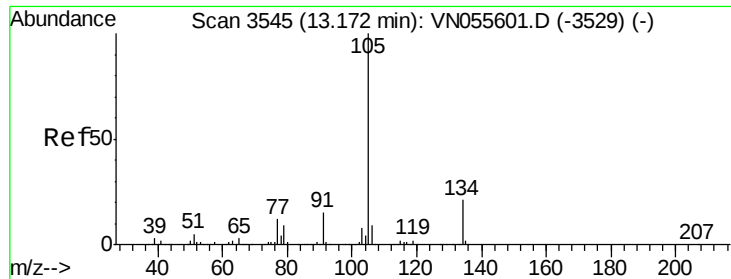
#84
1,2,4-Trimethylbenzene
Concen: 6.503 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion:105 Resp: 59270
Ion Ratio Lower Upper
105 100
120 45.6 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: 6.248 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

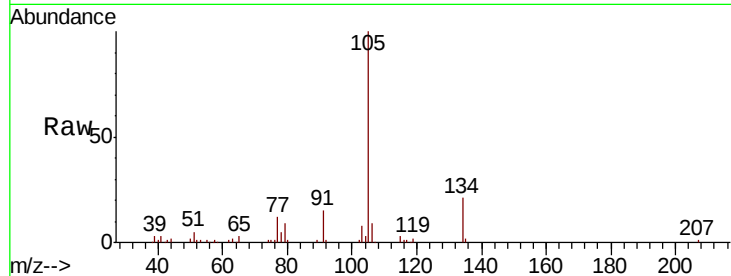
ClientSampled :

Tot Ion:105 Resp: 68251

Ion Ratio Lower Upper

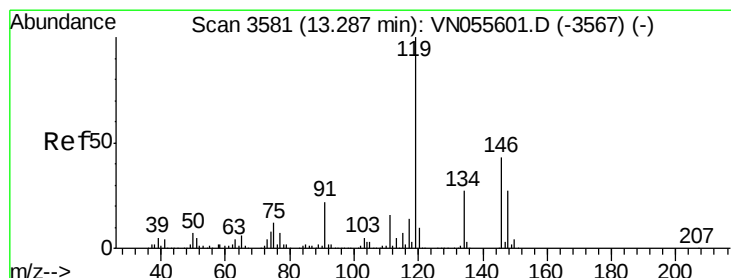
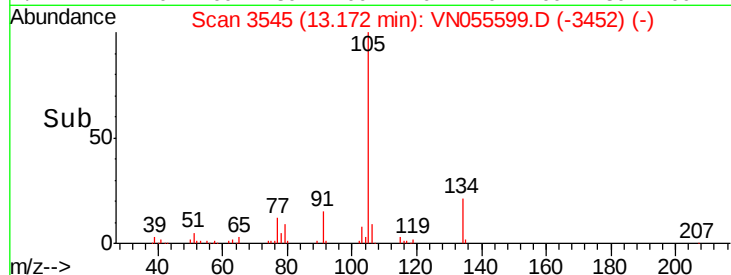
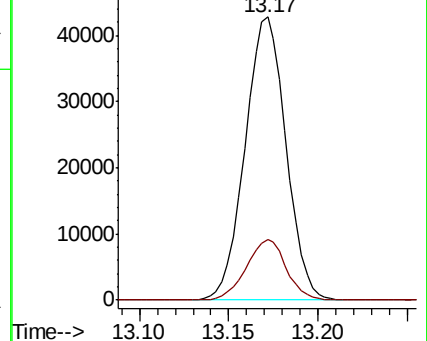
105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 6.393 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

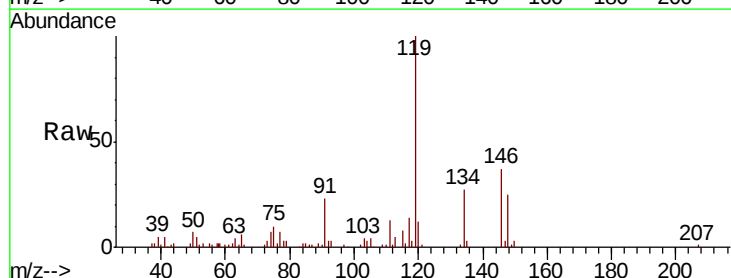
Tgt Ion:119 Resp: 61029

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

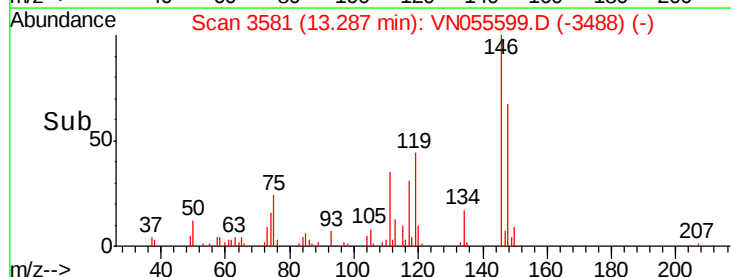
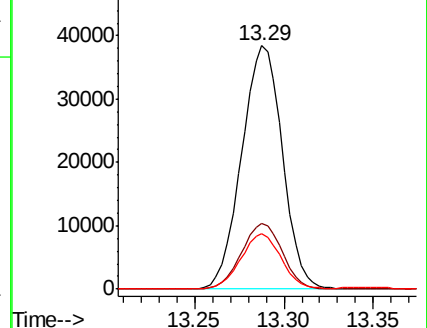
91 22.5 11.0 33.0

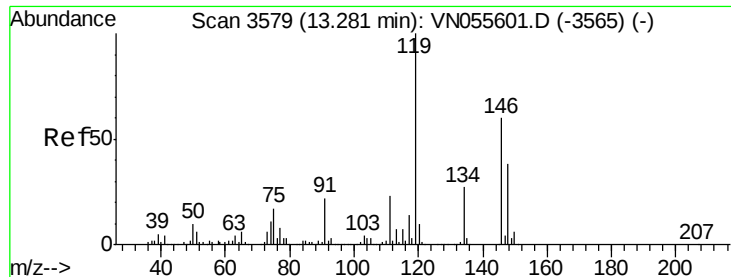


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

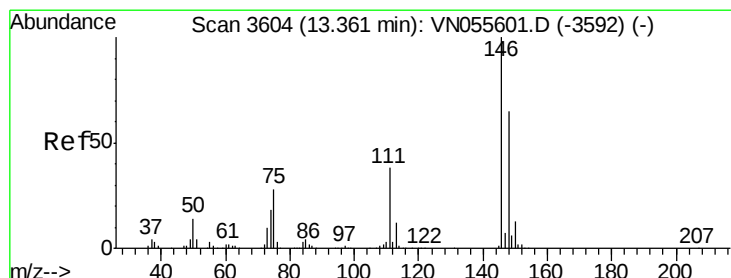
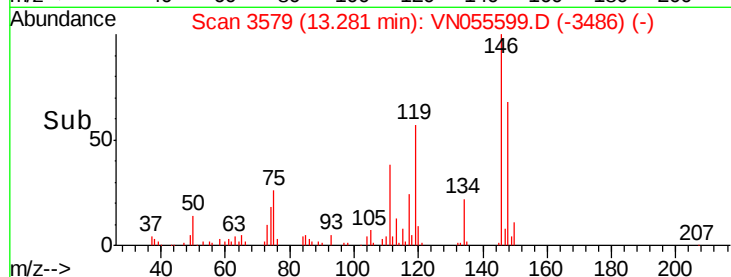
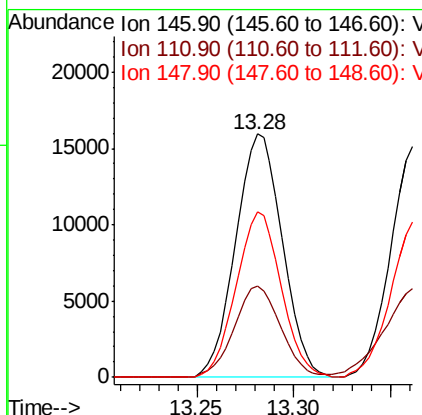
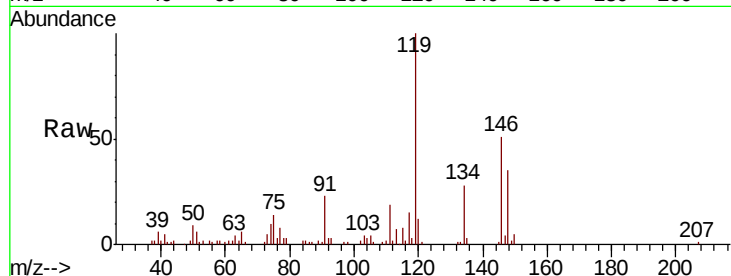




#87
 1,3-Dichlorobenzene
 Concen: 5.230 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

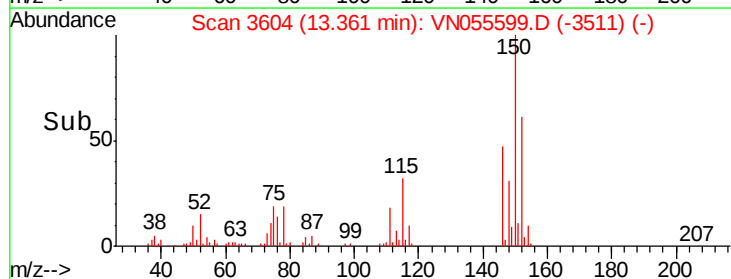
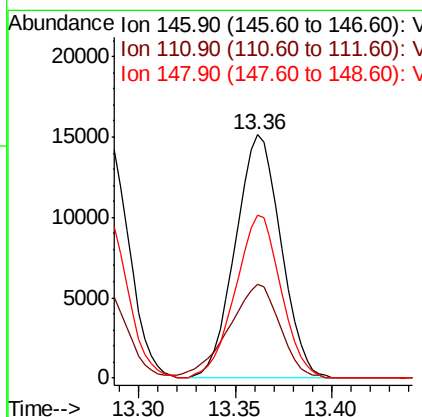
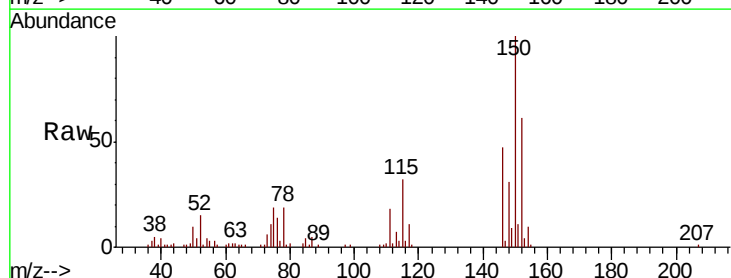
Instrument :
 MSVOA_N
 ClientSampleId :

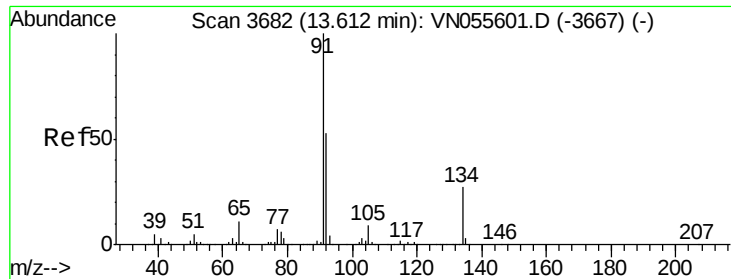
Tot Ion:146 Resp: 26757
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.9
 148 65.4 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 4.842 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

Tgt Ion:146 Resp: 24907
 Ion Ratio Lower Upper
 146 100
 111 43.4 18.8 56.4
 148 66.9 32.4 97.0





#89

n-Butylbenzene

Concen: 5.940 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

ClientSampleId :

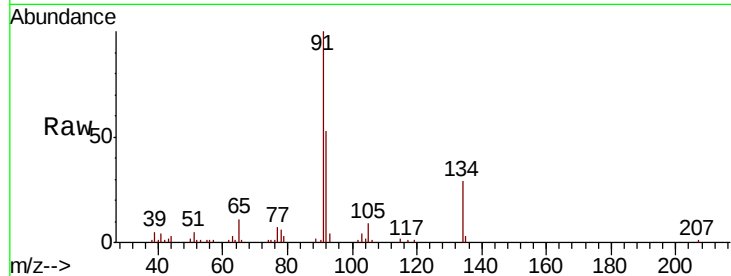
Tot Ion: 91 Resp: 46495

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 27.3 13.7 41.1

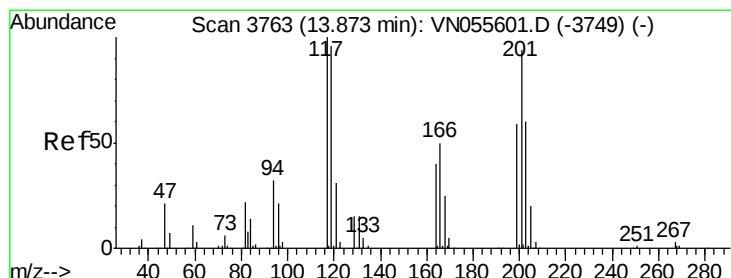
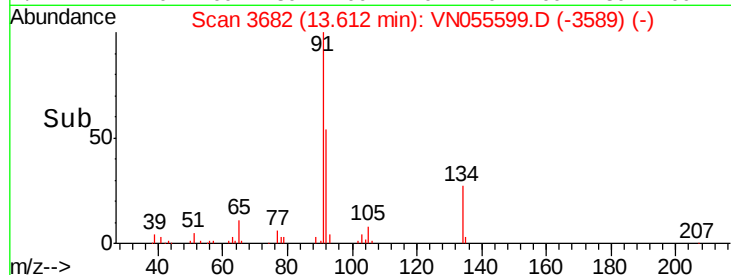


Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055601.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055601.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 6.440 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN055599.D

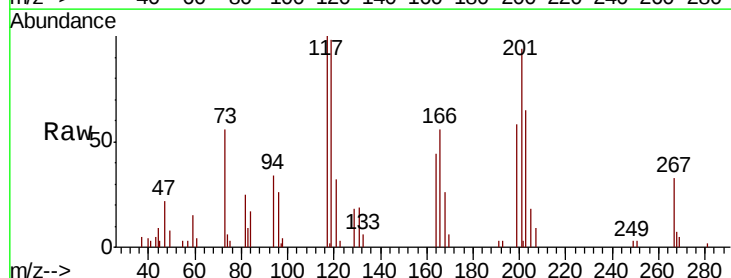
Acq: 17 May 2019 9:53

Tgt Ion: 117 Resp: 11972

Ion Ratio Lower Upper

117 100

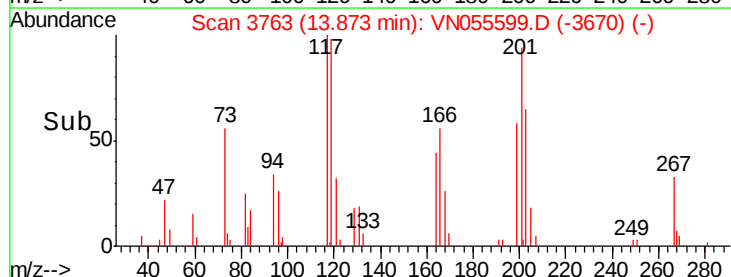
201 94.8 47.1 141.3

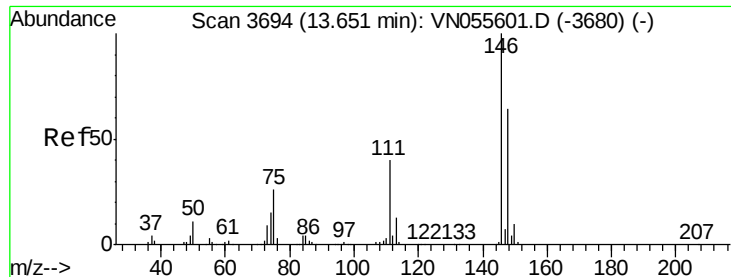


Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055601.D (-3749) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 5.505 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

Instrument :

MSVOA_N

ClientSampleId :

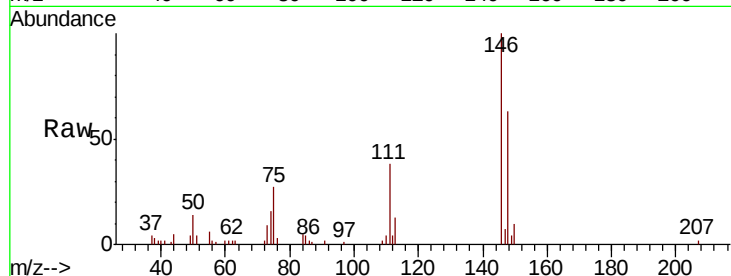
Tot Ion:146 Resp: 27687

Ion Ratio Lower Upper

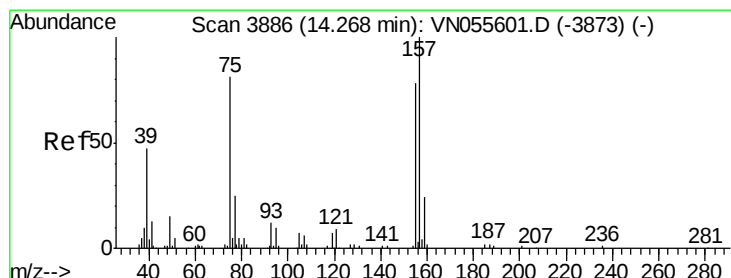
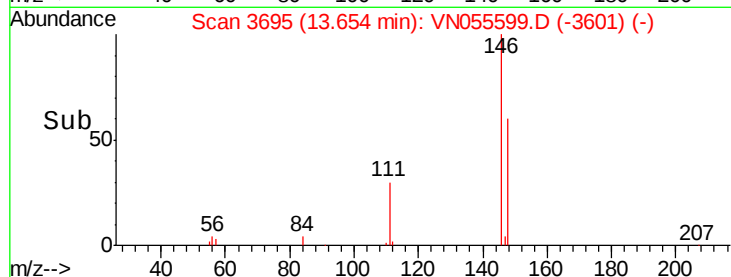
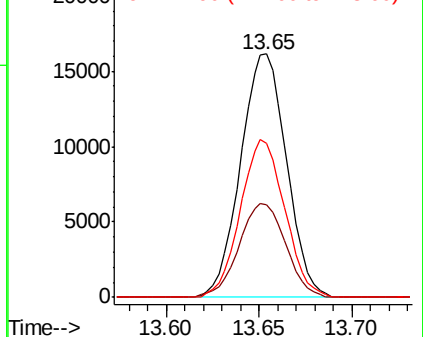
146 100

111 39.2 19.7 59.0

148 62.7 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: 8.863 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN055599.D

Acq: 17 May 2019 9:53

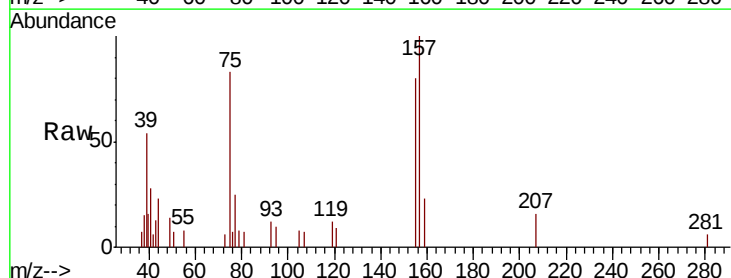
Tgt Ion: 75 Resp: 3843

Ion Ratio Lower Upper

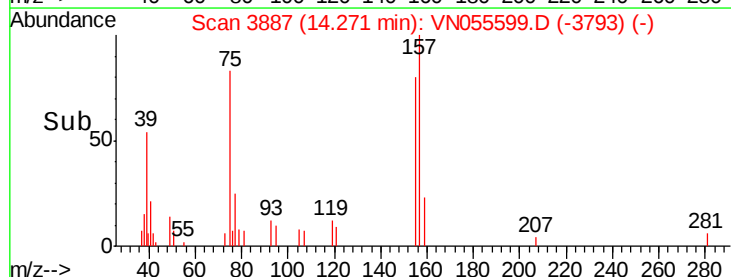
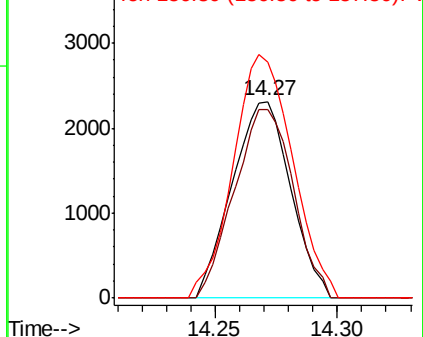
75 100

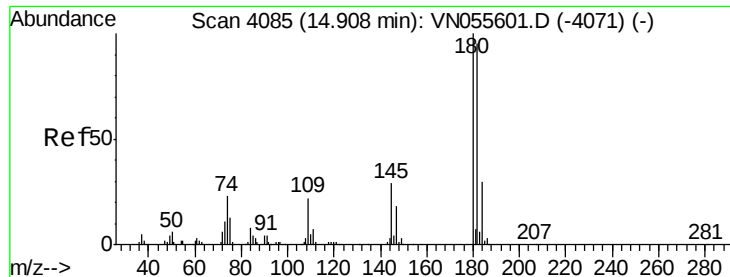
155 96.9 48.4 145.0

157 125.9 62.3 186.8



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

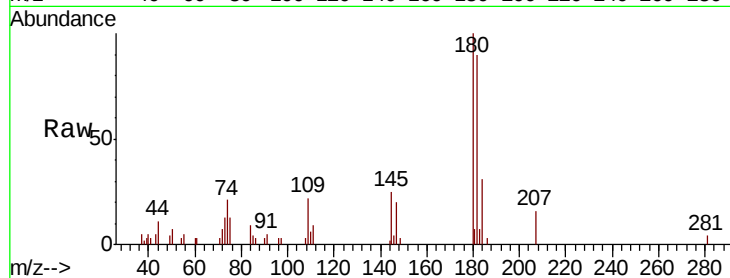




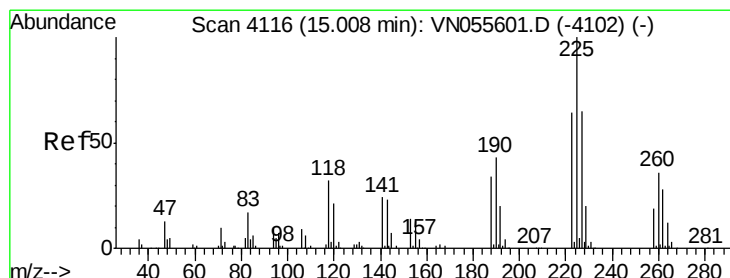
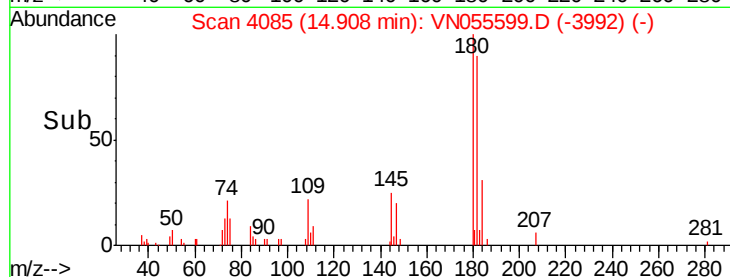
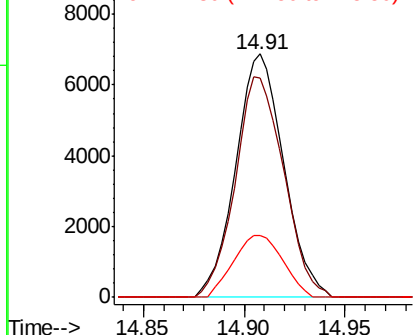
#93
 1,2,4-Trichlorobenzene
 Concen: 4.356 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 11449
 Ion Ratio Lower Upper
 180 100
 182 91.4 47.9 143.6
 145 26.2 14.3 42.9

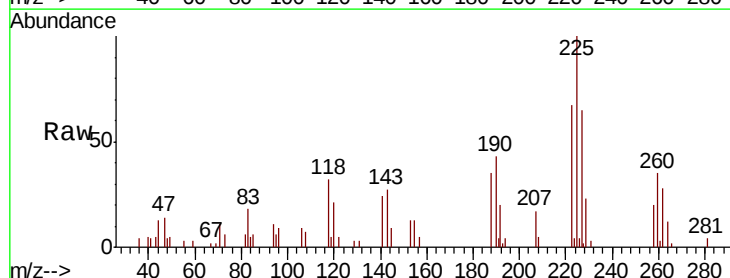


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

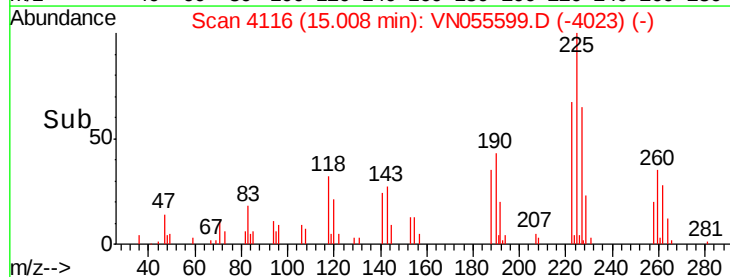
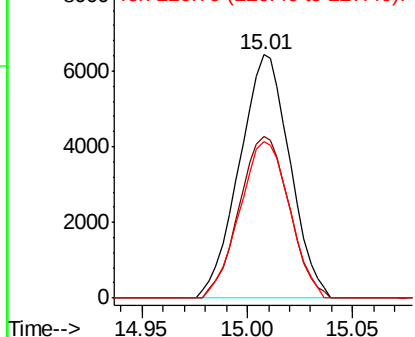


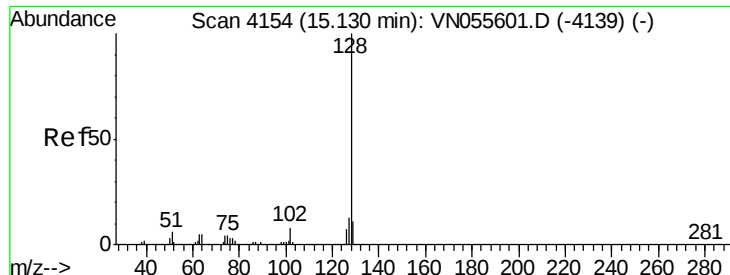
#94
 Hexachlorobutadiene
 Concen: 5.119 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055599.D
 Acq: 17 May 2019 9:53

Tgt Ion:225 Resp: 10693
 Ion Ratio Lower Upper
 225 100
 223 65.7 31.6 94.7
 227 63.6 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

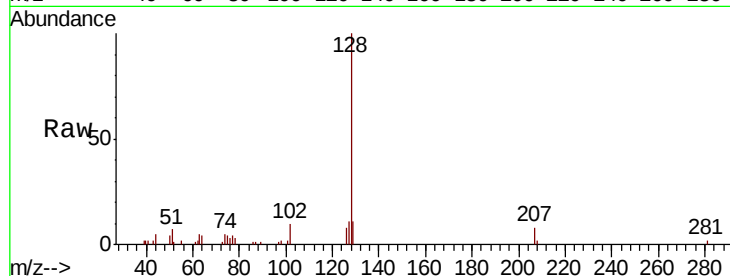




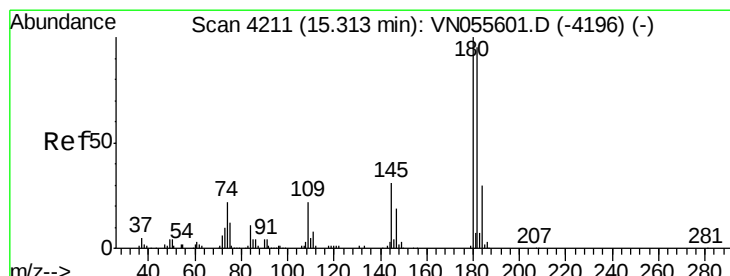
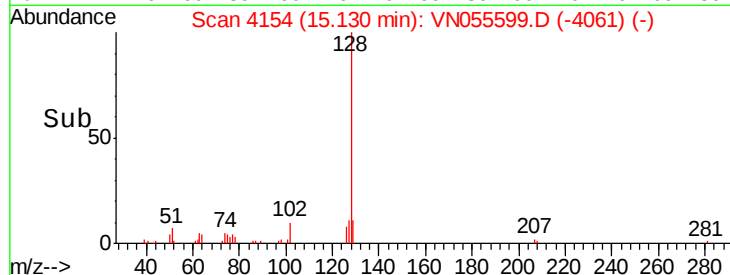
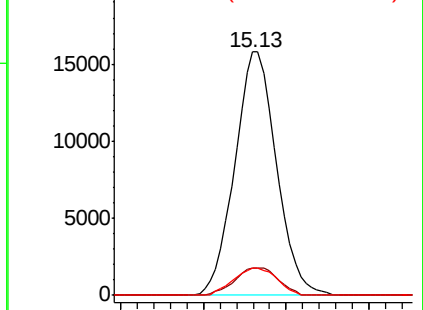
#95
Naphthalene
Concen: 5.219 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 27577
Ion Ratio Lower Upper
128 100
127 11.8 10.2 15.4
129 11.5 8.6 12.8

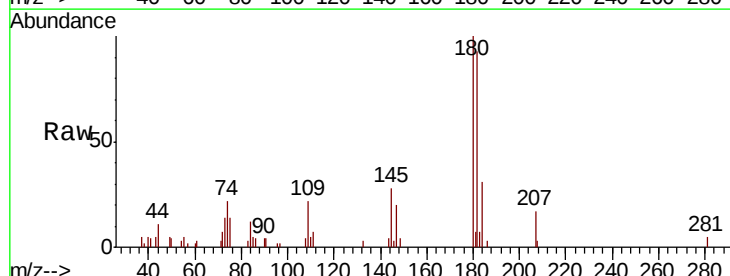


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 4.904 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055599.D
Acq: 17 May 2019 9:53

Tgt Ion:180 Resp: 12568
Ion Ratio Lower Upper
180 100
182 97.1 47.9 143.6
145 30.1 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

