

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060420\
 Data File : VX016579.D
 Acq On : 04 Jun 2020 12:14
 Operator : JC/SP
 Sample : L2859-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 05 04:21:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	269743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	431674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	421206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225112	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	153786	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	5.46	113	128089	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	8.70	98	530475	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.12	95	217763	54.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.94%	

Target Compounds

					Qvalue
5) Bromomethane	1.65	94	380	0.230	ug/l 85
10) Methyl Iodide	2.49	142	309	3.154	ug/l # 91
11) Tert butyl alcohol	3.00	59	6316	7.353	ug/l # 94
13) Acrolein	2.24	56	572	1.565	ug/l # 1
14) Allyl chloride	2.76	41	996	0.209	ug/l # 76
15) Acrylonitrile	3.15	53	1146	0.651	ug/l # 31
16) Acetone	2.42	43	1871	1.275	ug/l # 61
18) Methyl Acetate	2.74	43	1554	0.413	ug/l # 57
20) Methylene Chloride	2.84	84	1301	0.428	ug/l # 91
25) 2-Butanone	4.64	43	1438	0.578	ug/l # 72
26) 2,2-Dichloropropane	4.65	77	979	0.231	ug/l # 53
31) Cyclohexane	5.55	56	101906	21.887	ug/l 98
36) 1,1-Dichloropropene	5.63	75	18619	4.556	ug/l # 51
38) Carbon Tetrachloride	5.63	117	25610	5.963	ug/l # 17
39) Methylcyclohexane	7.44	83	129090	29.079	ug/l 97
40) Benzene	6.11	78	14482	1.190	ug/l 95
43) Isopropyl Acetate	6.42	43	3076	0.402	ug/l # 59
45) 1,2-Dichloropropane	7.44	63	1439	0.464	ug/l # 1
48) Methyl methacrylate	7.71	41	7756	2.116	ug/l # 54
51) 4-Methyl-2-Pentanone	8.62	43	5740	1.204	ug/l 91
52) Toluene	8.76	92	9258	1.206	ug/l 99
55) 1,1,2-Trichloroethane	9.24	97	648	0.212	ug/l # 21
56) Ethyl methacrylate	9.14	69	2404	0.484	ug/l # 10
59) 2-Hexanone	9.47	43	4543	1.226	ug/l 88
67) Ethyl Benzene	10.34	91	156396	10.229	ug/l # 71
68) m/p-Xylenes	10.34	106	75399	13.301	ug/l 98
69) o-Xylene	10.68	106	26993	4.917	ug/l 99
73) Isopropylbenzene	11.00	105	3508	0.225	ug/l 93
74) N-amyl acetate	10.93	43	5174	0.721	ug/l # 41
75) 1,1,2,2-Tetrachloroethane	11.26	83	1140	0.292	ug/l # 75
76) 1,2,3-Trichloropropane	11.12	75	104995	21.219	ug/l # 35
79) 2-Chlorotoluene	11.42	91	20688	1.945	ug/l # 45
80) 1,3,5-Trimethylbenzene	11.49	105	103868	7.975	ug/l 99
81) trans-1,4-Dichloro-2-buten	11.12	75	104995	52.196	ug/l # 14

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ClientSampleId :

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

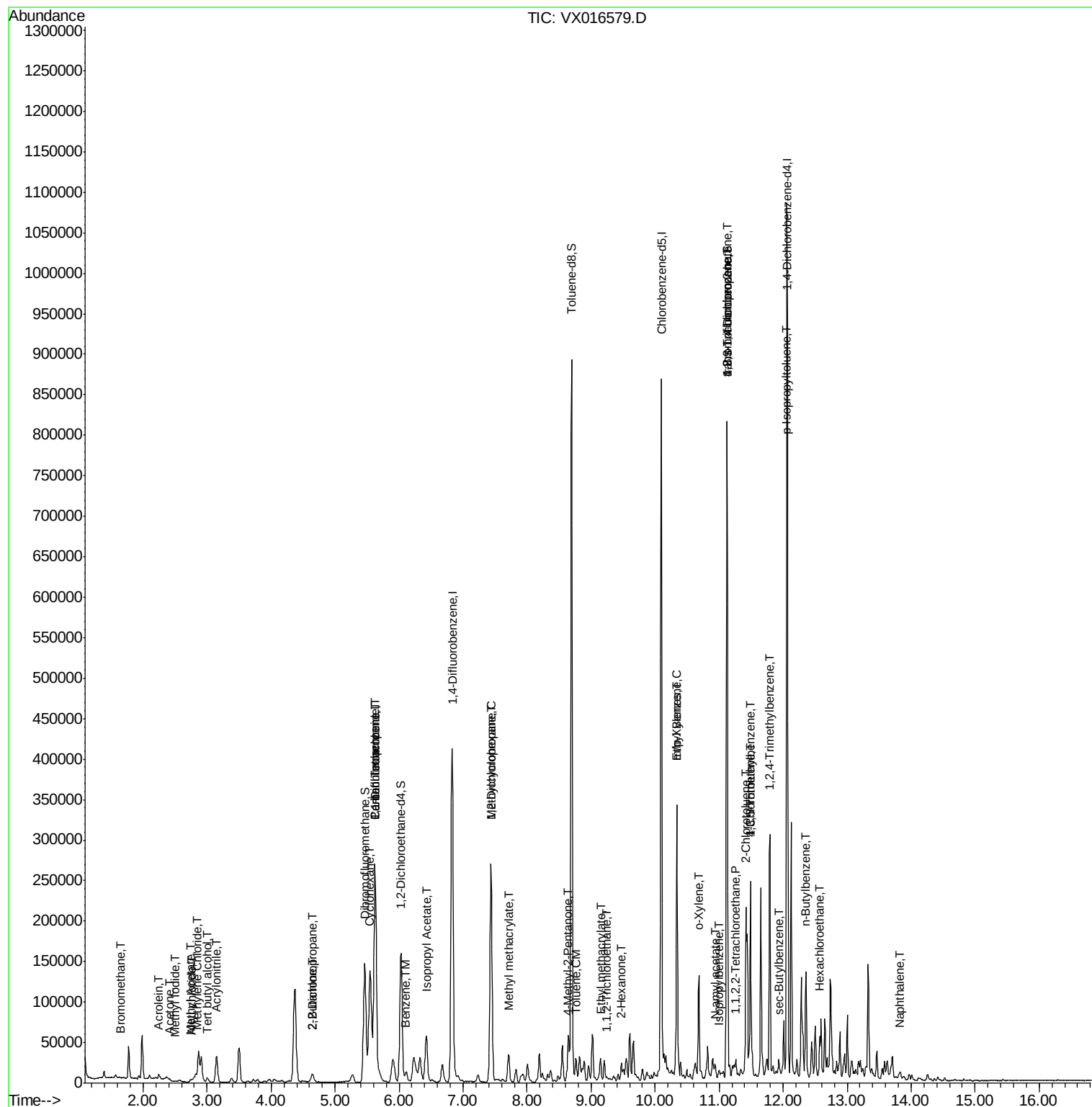
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	11.49	91	10930	0.870	ug/l #	48
84) 1,2,4-Trimethylbenzene	11.79	105	136376	10.354	ug/l	99
85) sec-Butylbenzene	11.93	105	5941	0.426	ug/l	85
86) p-Isopropyltoluene	12.05	119	21963	1.680	ug/l	95
89) n-Butylbenzene	12.36	91	12271	1.127	ug/l #	1
90) Hexachloroethane	12.57	117	2076	0.919	ug/l #	6
95) Naphthalene	13.82	128	5375	0.344	ug/l #	77

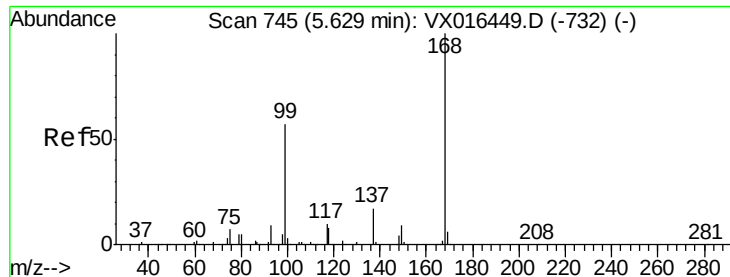
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

Instrument :

MSVOA_X

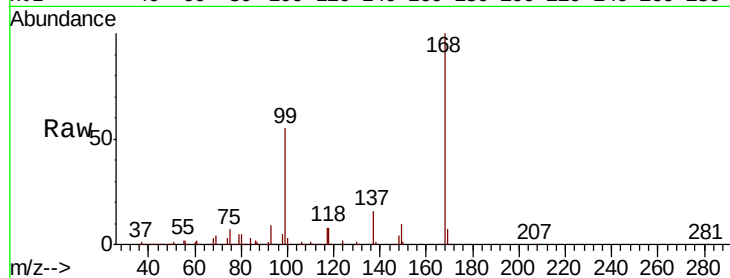
ClientSampleId :

Tot Ion:168 Resp: 269743

Ion Ratio Lower Upper

168 100

99 55.2 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

60000

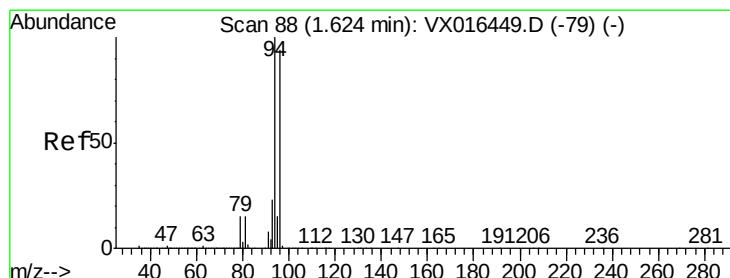
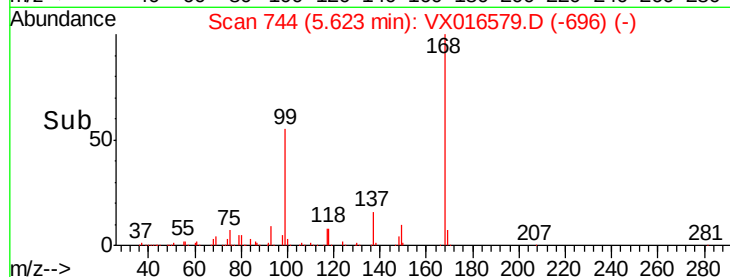
40000

20000

0

Time-->

5.50 5.60 5.70



#5

Bromomethane

Concen: 0.230 ug/l

RT: 1.65 min Scan# 92

Delta R.T. 0.02 min

Lab File: VX016579.D

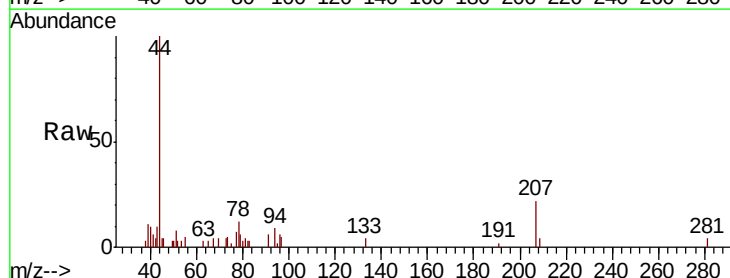
Acq: 04 Jun 2020 12:14

Tgt Ion: 94 Resp: 380

Ion Ratio Lower Upper

94 100

96 79.2 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

300

250

200

150

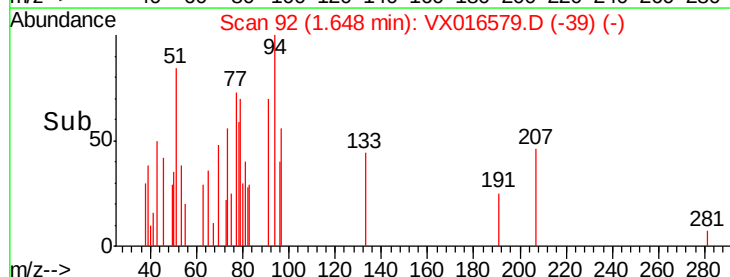
100

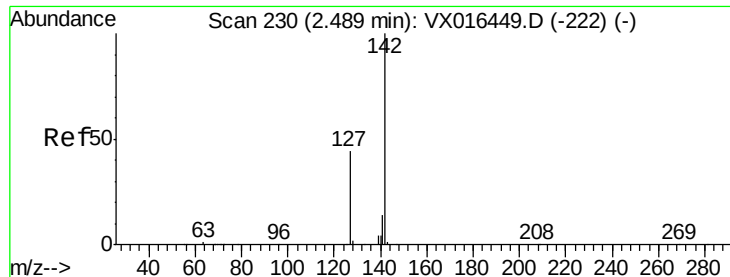
50

0

Time-->

1.60 1.65

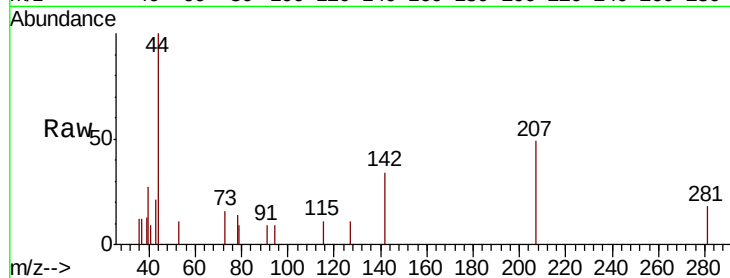




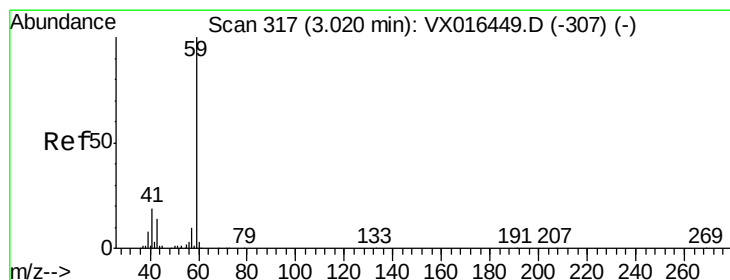
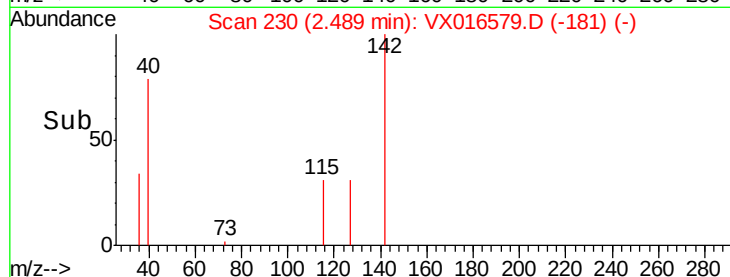
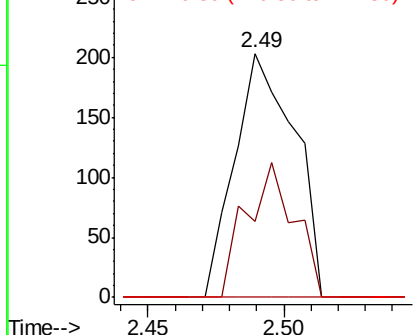
#10
Methvl Iodide
Concen: 3.154 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:142 Resp: 309
Ion Ratio Lower Upper
142 100
127 44.7 35.3 52.9
141 0.0 11.4 17.2#

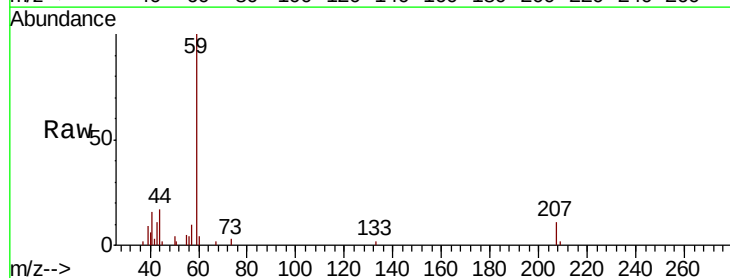


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

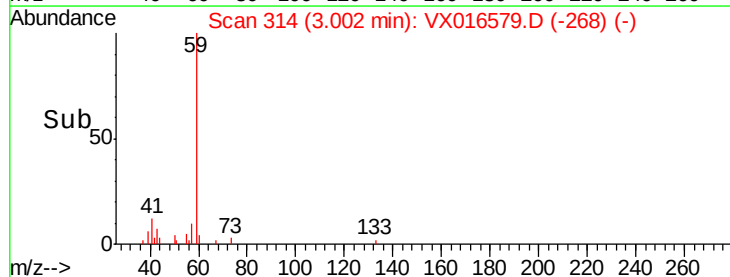
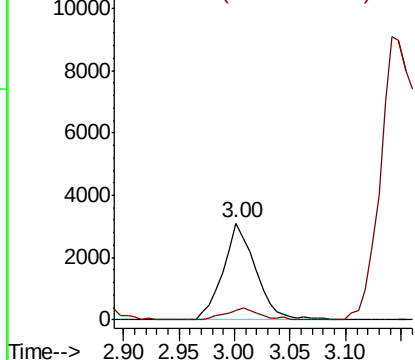


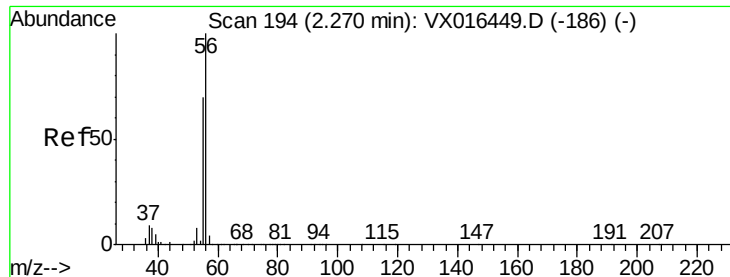
#11
Tert butyl alcohol
Concen: 7.353 ug/l
RT: 3.00 min Scan# 314
Delta R.T. -0.02 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

Tgt Ion: 59 Resp: 6316
Ion Ratio Lower Upper
59 100
57 12.5 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 1.565 ug/l

RT: 2.24 min Scan# 189

Delta R.T. -0.03 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

Instrument :

MSVOA_X

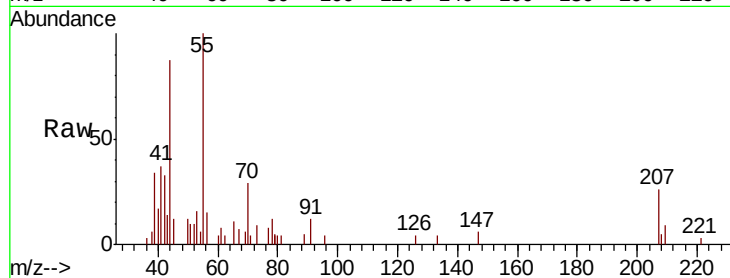
ClientSampled :

Tot Ion: 56 Resp: 572

Ion Ratio Lower Upper

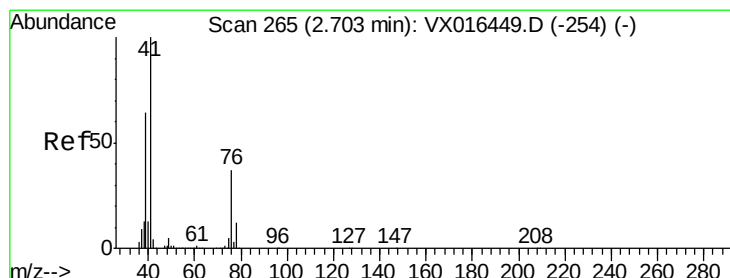
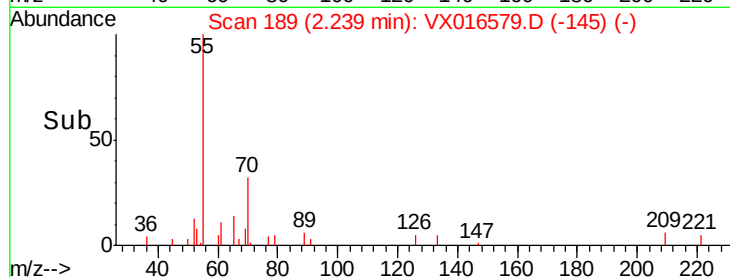
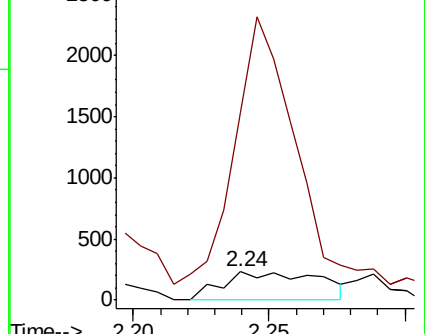
56 100

55 612.4 58.3 87.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.209 ug/l

RT: 2.76 min Scan# 274

Delta R.T. 0.05 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

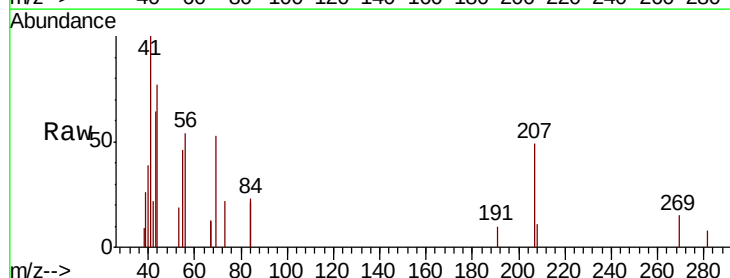
Tgt Ion: 41 Resp: 996

Ion Ratio Lower Upper

41 100

39 56.2 47.7 71.5

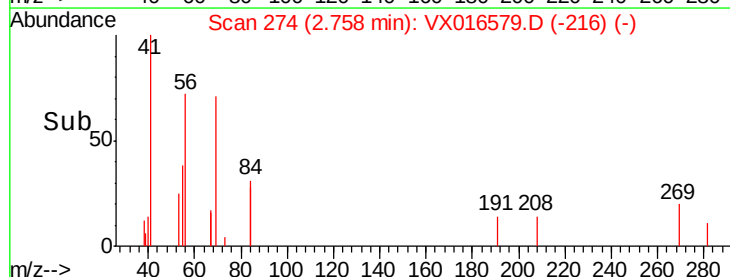
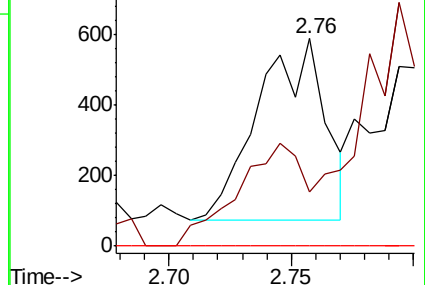
76 0.0 26.6 40.0#

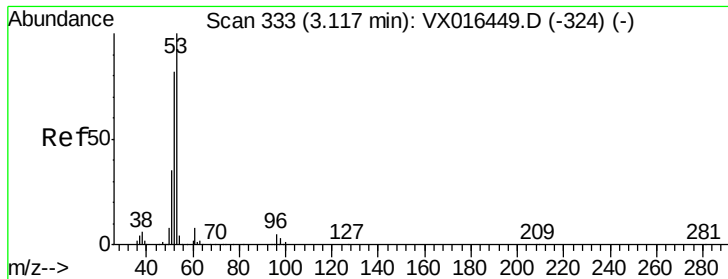


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 0.651 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.03 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

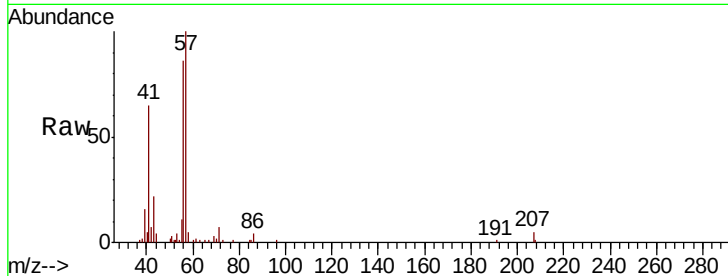
Tot Ion: 53 Resp: 1146

Ion Ratio Lower Upper

53 100

52 12.5 66.7 100.1#

51 62.4 28.6 43.0#



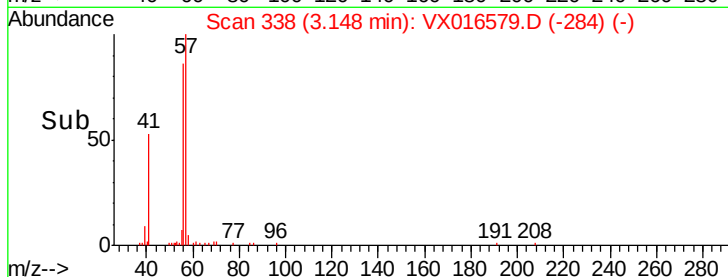
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

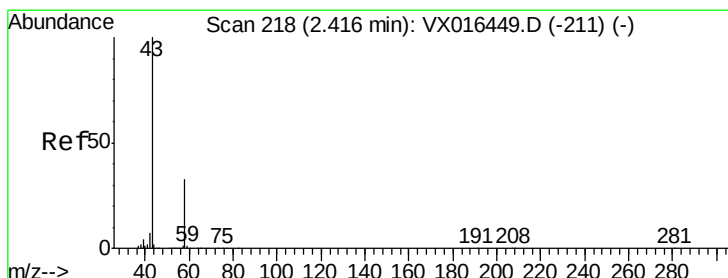
Ion 51.00 (50.70 to 51.70): VX0

3.15

Time-->



Time-->



#16

Acetone

Concen: 1.275 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016579.D

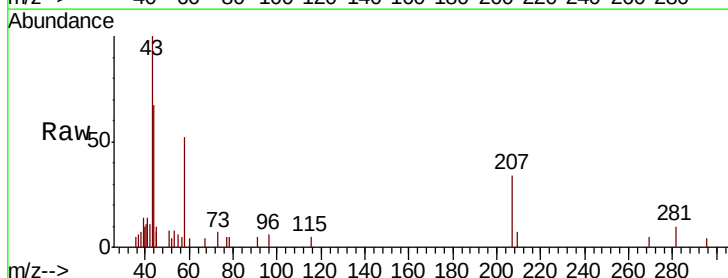
Acq: 04 Jun 2020 12:14

Tgt Ion: 43 Resp: 1871

Ion Ratio Lower Upper

43 100

58 54.8 26.1 39.1#

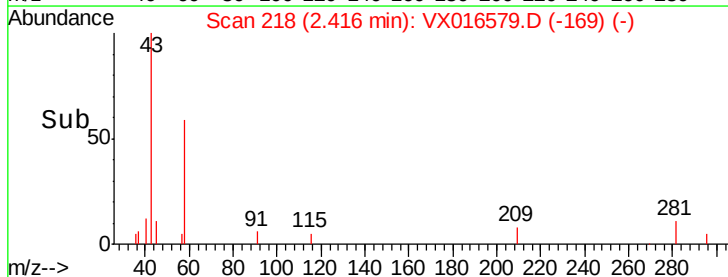


Abundance Ion 43.00 (42.70 to 43.70): VX0

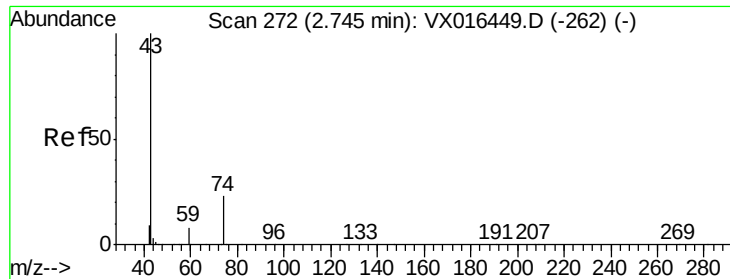
Ion 58.00 (57.70 to 58.70): VX0

2.42

Time-->



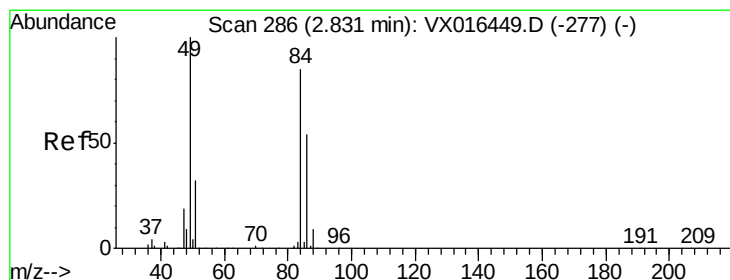
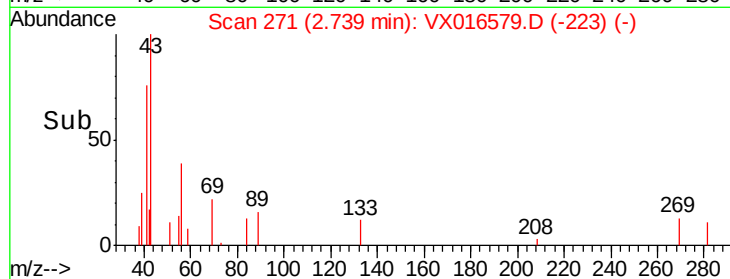
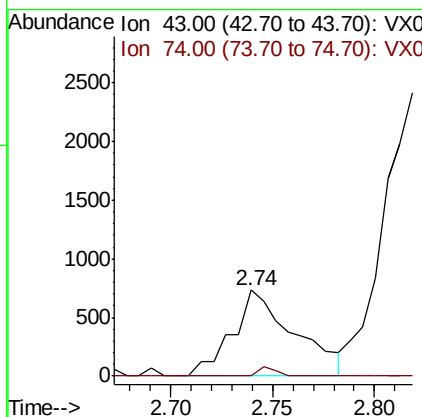
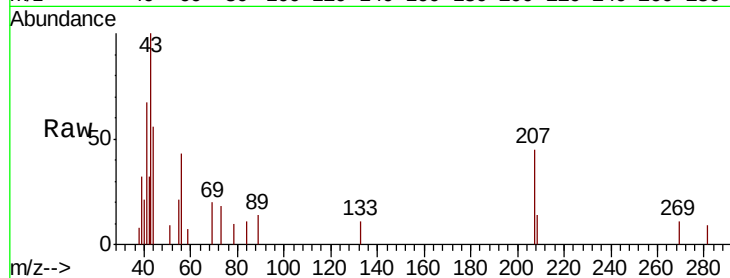
Time-->



#18
Methyl Acetate
Concen: 0.413 ug/l
RT: 2.74 min Scan# 271
Delta R.T. -0.01 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

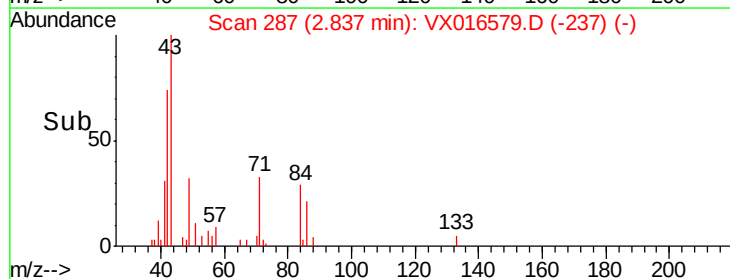
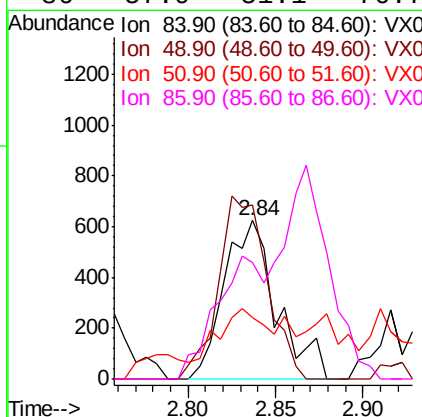
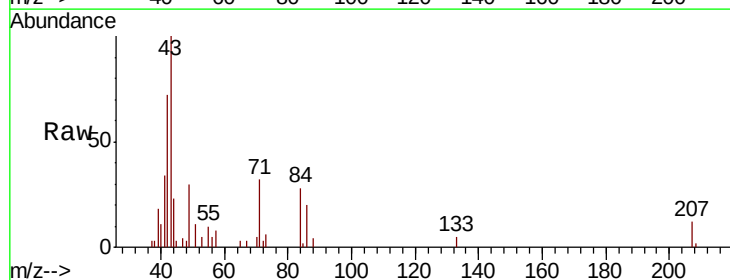
Instrument :
MSVOA_X
ClientSampled :

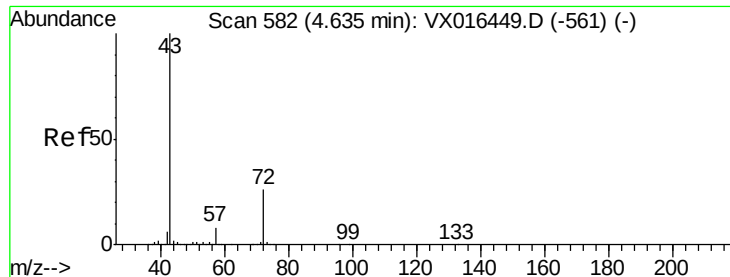
Tot Ion: 43 Resp: 1554
Ion Ratio Lower Upper
43 100
74 3.1 19.7 29.5#



#20
Methylene Chloride
Concen: 0.428 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

Tgt Ion: 84 Resp: 1301
Ion Ratio Lower Upper
84 100
49 109.9 94.5 141.7
51 27.7 30.2 45.4#
86 57.9 51.1 76.7





#25

2-Butanone

Concen: 0.578 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

Instrument :

MSVOA_X

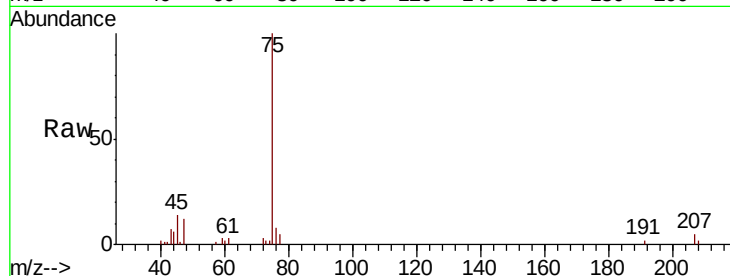
ClientSampleId :

Tot Ion: 43 Resp: 1438

Ion Ratio Lower Upper

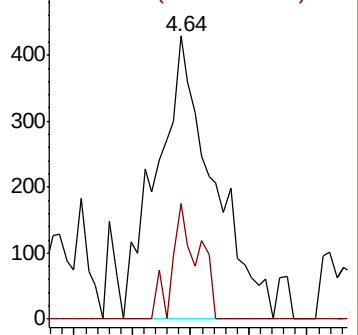
43 100

72 40.8 21.0 31.6#

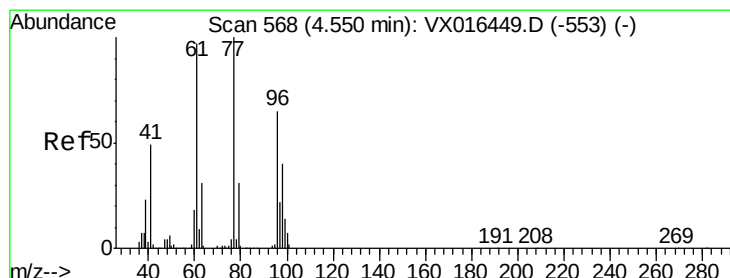
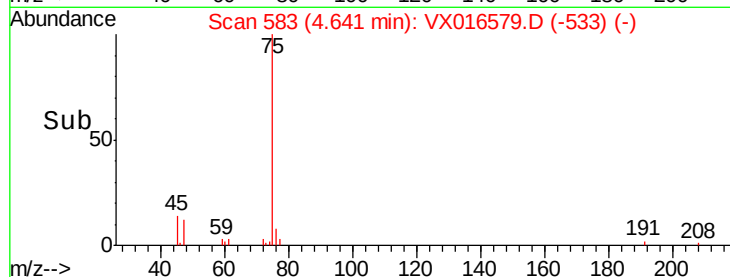


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 0.231 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.10 min

Lab File: VX016579.D

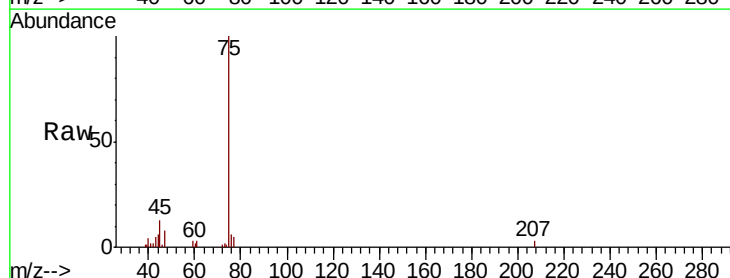
Acq: 04 Jun 2020 12:14

Tgt Ion: 77 Resp: 979

Ion Ratio Lower Upper

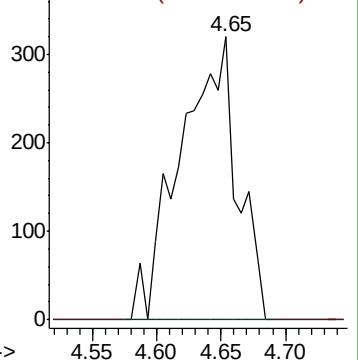
77 100

97 0.0 11.5 34.4#

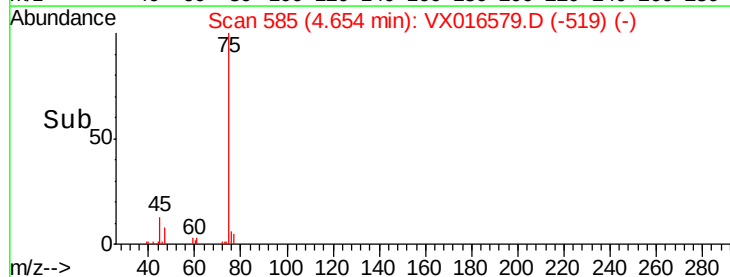


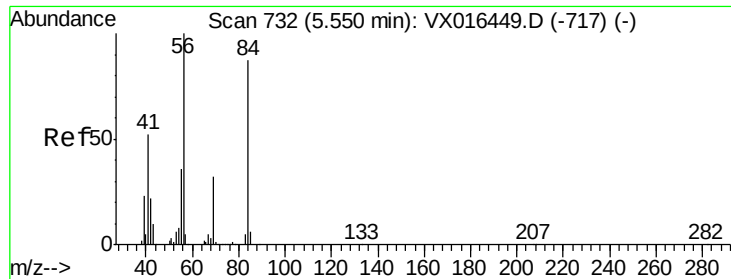
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->

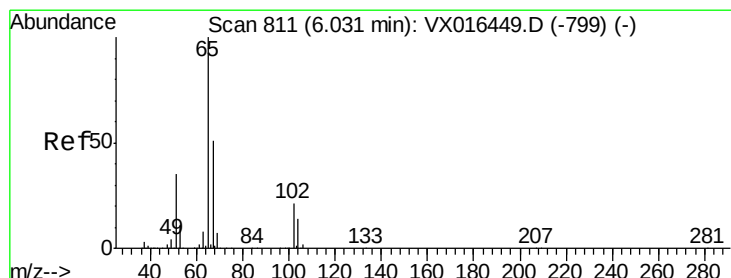
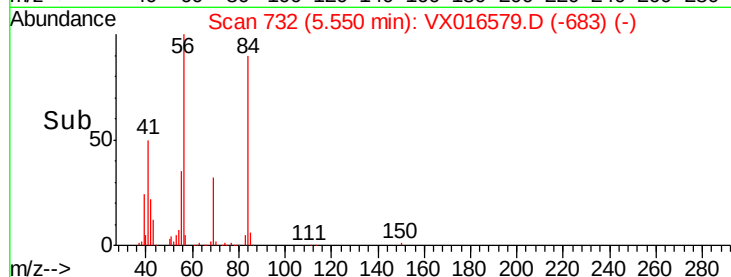
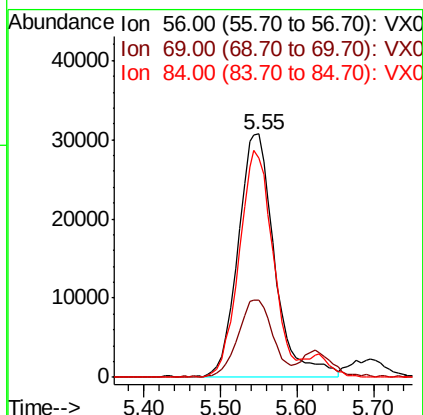
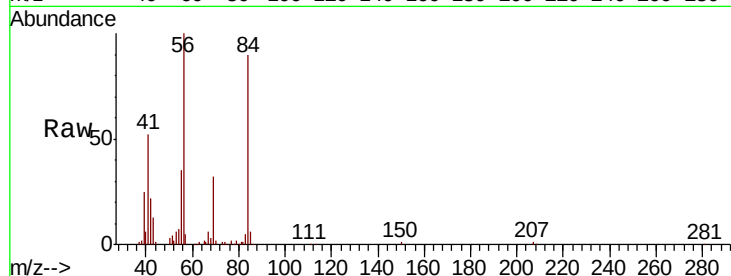




#31
Cyclohexane
Concen: 21.887 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

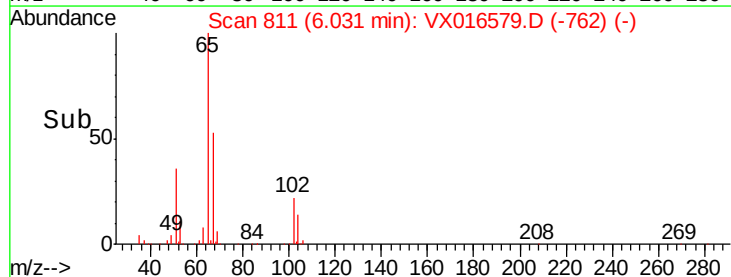
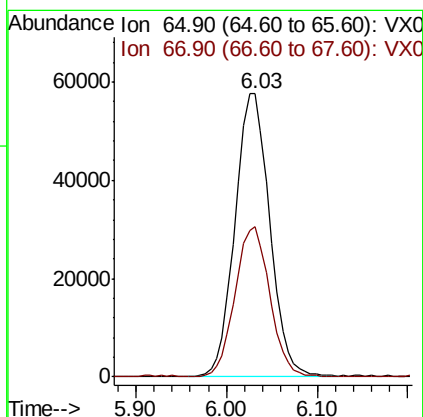
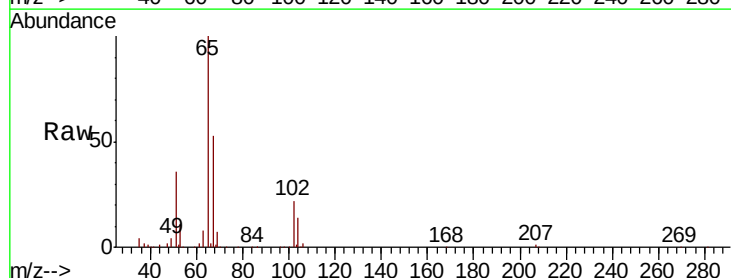
Instrument :
MSVOA_X
ClientSampleId :

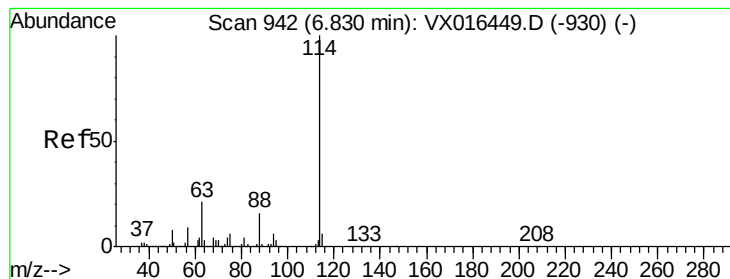
Tot Ion: 56 Resp: 101906
Ion Ratio Lower Upper
56 100
69 31.5 25.7 38.5
84 90.2 70.0 105.0



#33
1,2-Dichloroethane-d4
Concen: 45.908 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

Tgt Ion: 65 Resp: 153786
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

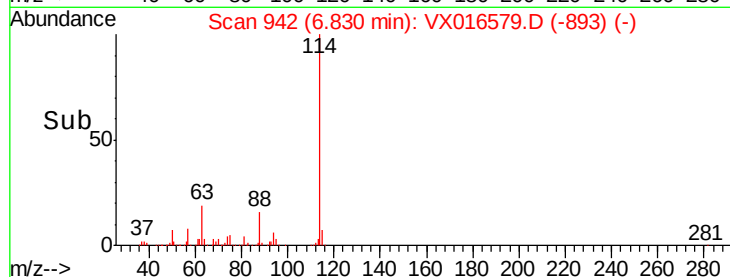
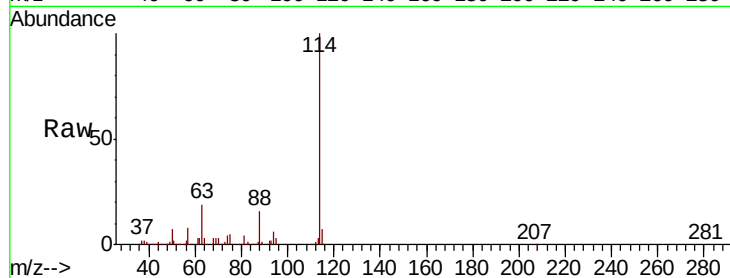
Tot Ion:114 Resp: 431674

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.6

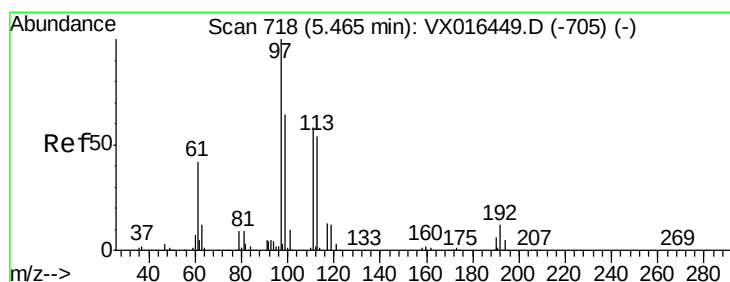
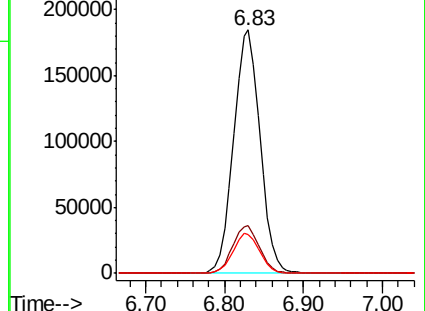
88 16.0 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.190 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

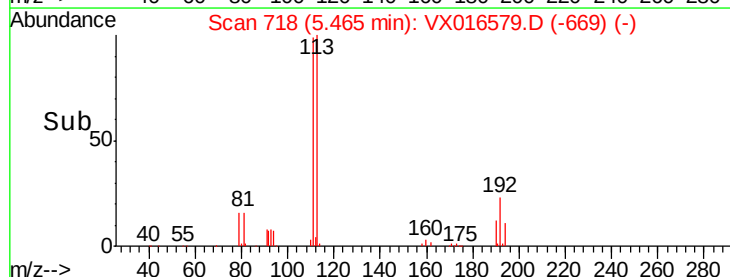
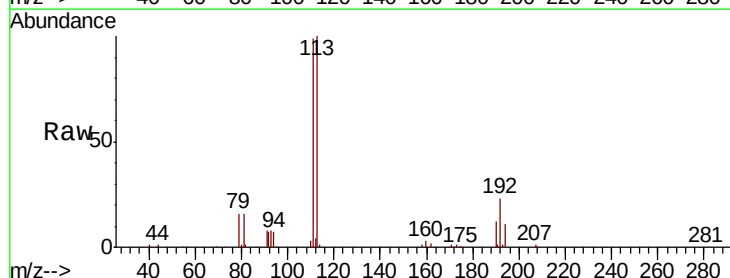
Tgt Ion:113 Resp: 128089

Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.6

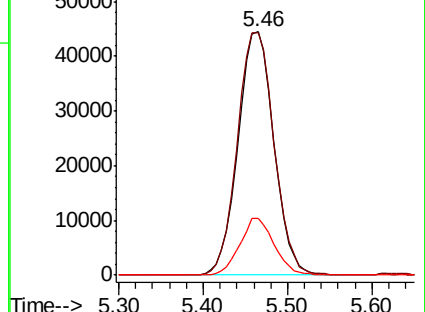
192 22.3 17.7 26.5

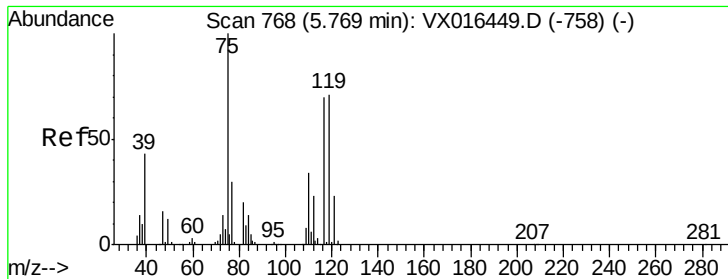


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

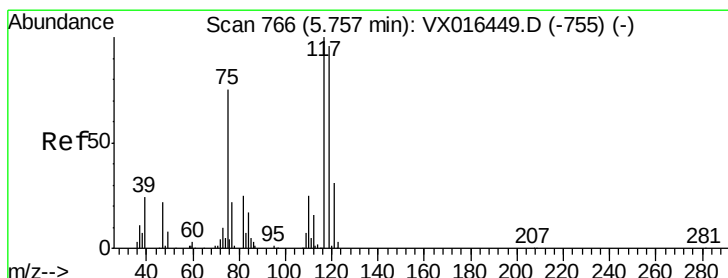
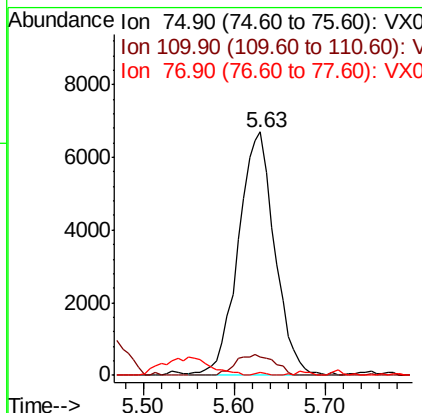
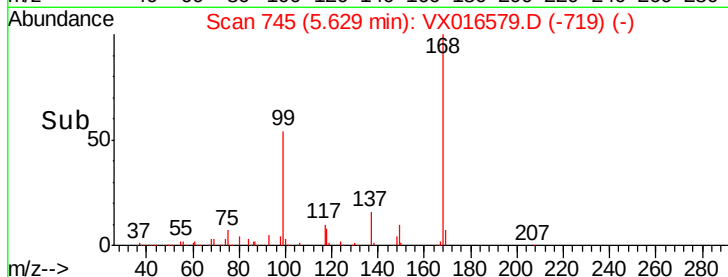
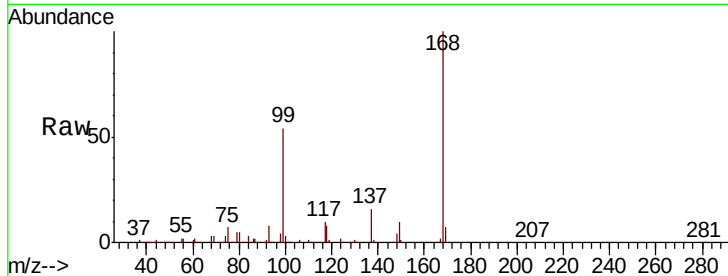




#36
 1,1-Dichloropropene
 Concen: 4.556 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016579.D
 Acq: 04 Jun 2020 12:14

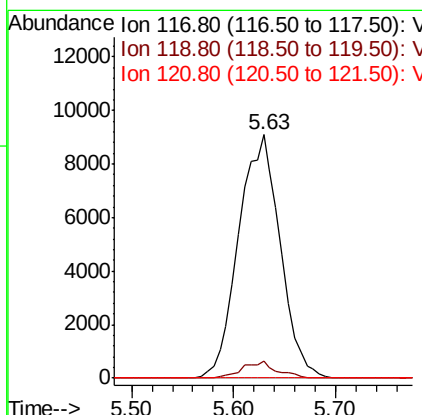
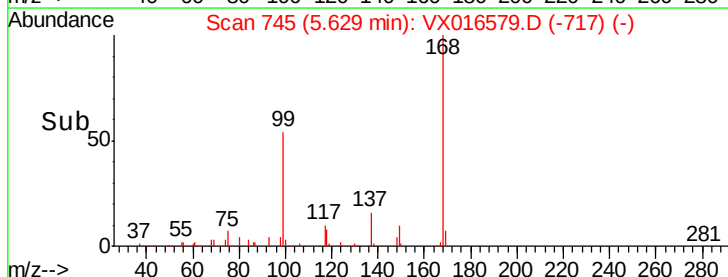
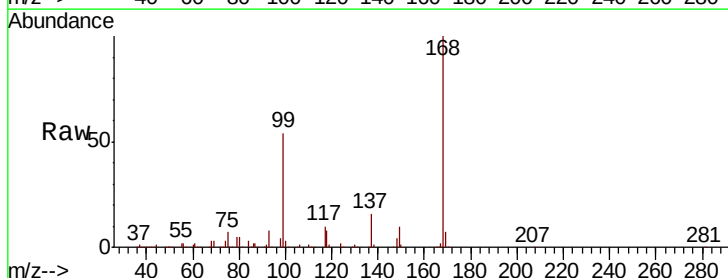
Instrument :
 MSVOA_X
 ClientSampleId :

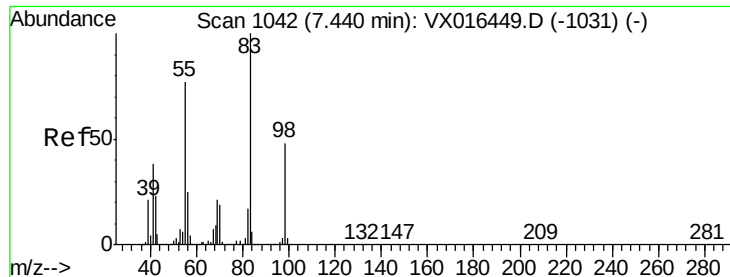
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.4	52.3#
77	0.4	24.2	36.4#



#38
 Carbon Tetrachloride
 Concen: 5.963 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX016579.D
 Acq: 04 Jun 2020 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.8	76.3	114.5#
121	0.0	24.6	37.0#

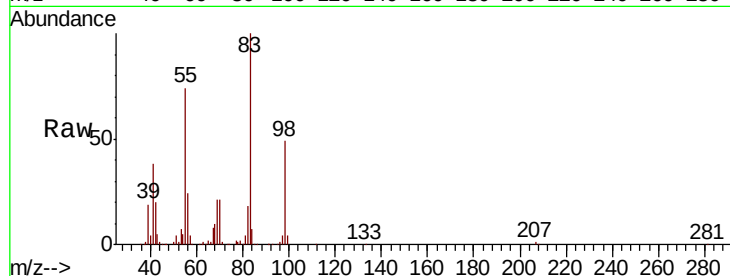




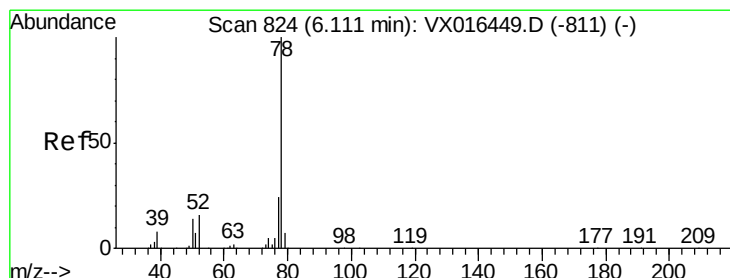
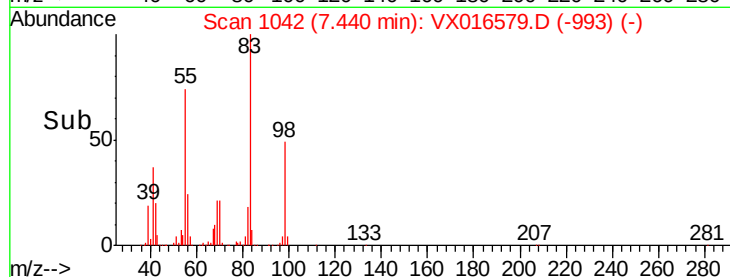
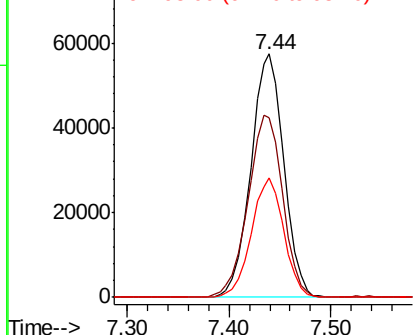
#39
Methylvlcyclohexane
Concen: 29.079 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 129090
Ion Ratio Lower Upper
83 100
55 73.6 61.7 92.5
98 48.9 38.7 58.1

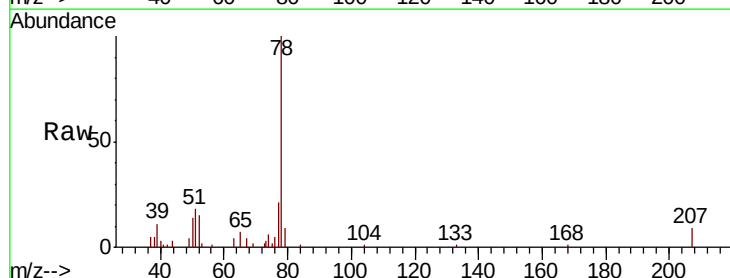


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

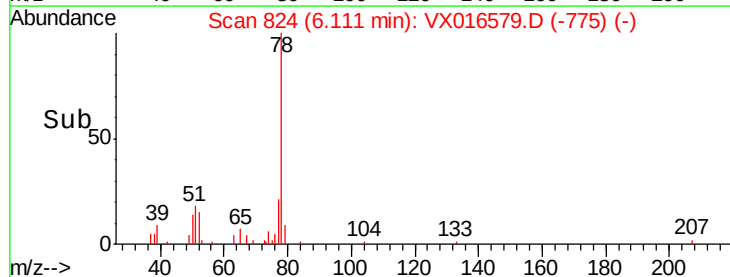
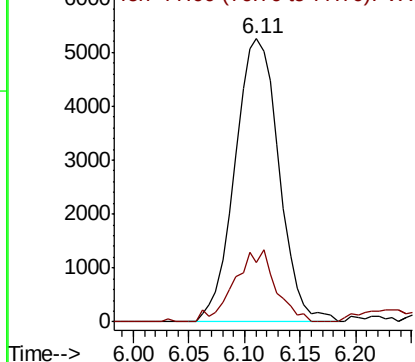


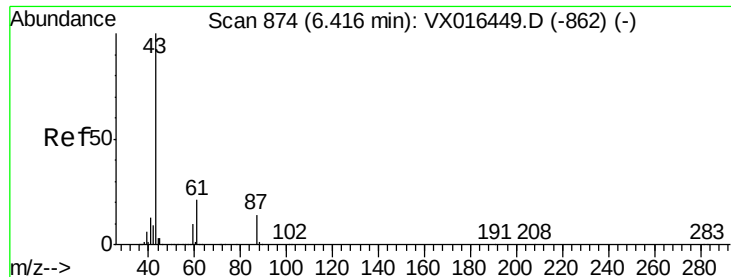
#40
Benzene
Concen: 1.190 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

Tgt Ion: 78 Resp: 14482
Ion Ratio Lower Upper
78 100
77 21.2 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 0.402 ug/l

RT: 6.42 min Scan# 875

Delta R.T. 0.01 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

Instrument :

MSVOA_X

ClientSampled :

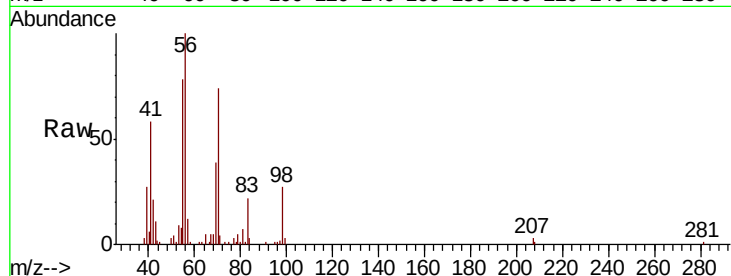
Tot Ion: 43 Resp: 3076

Ion Ratio Lower Upper

43 100

61 0.0 16.8 25.2#

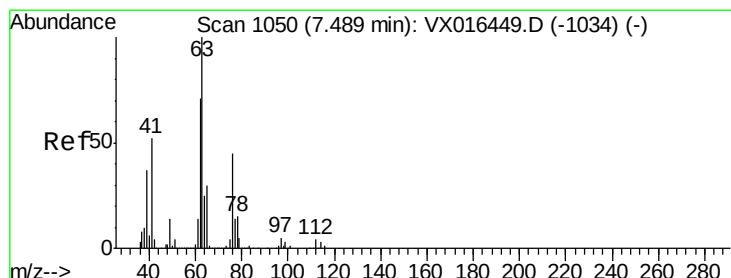
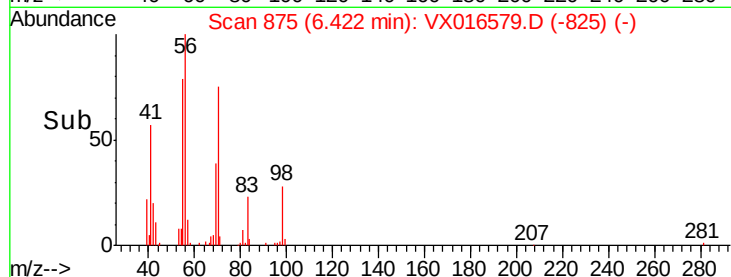
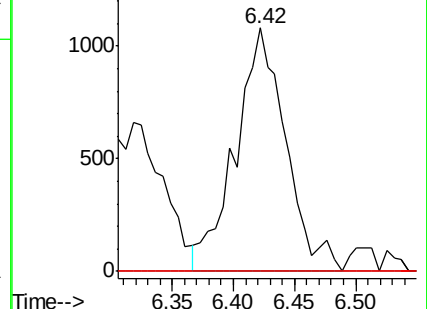
87 0.0 11.2 16.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 0.464 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.05 min

Lab File: VX016579.D

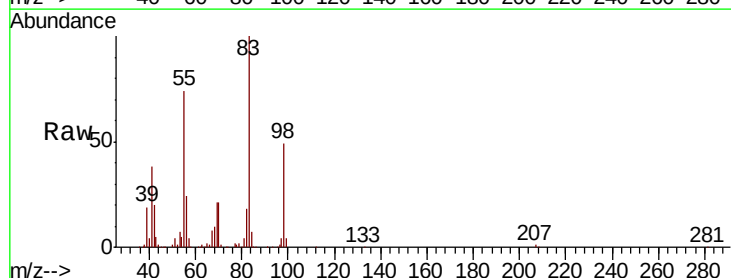
Acq: 04 Jun 2020 12:14

Tgt Ion: 63 Resp: 1439

Ion Ratio Lower Upper

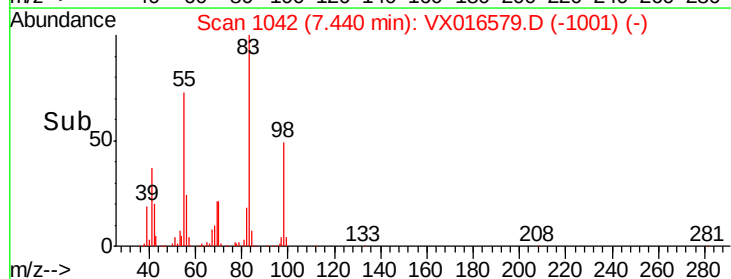
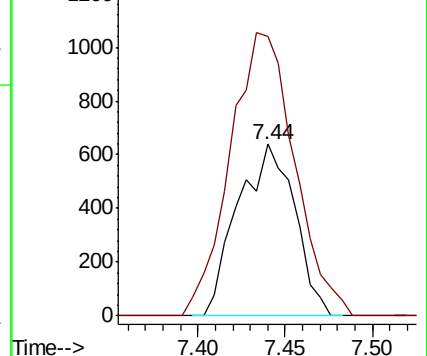
63 100

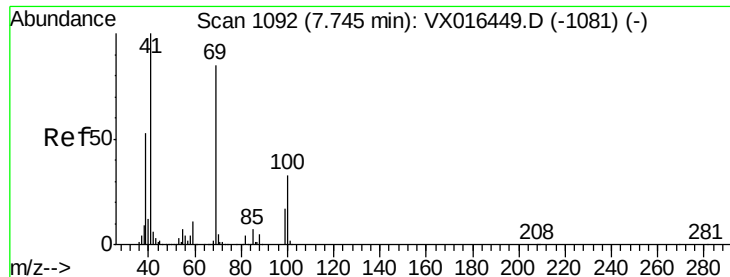
65 154.1 24.2 36.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#48

Methvl methacrylate

Concen: 2.116 ug/l

RT: 7.71 min Scan# 1086

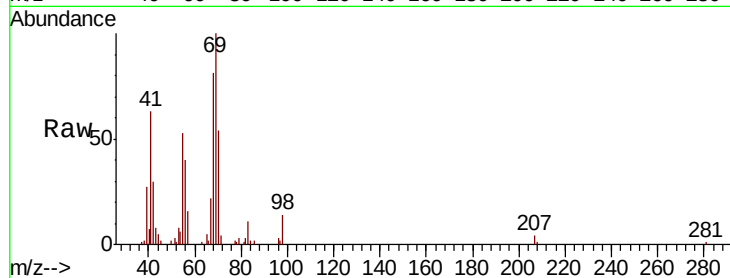
Delta R.T. -0.04 min

Lab File: VX016579.D

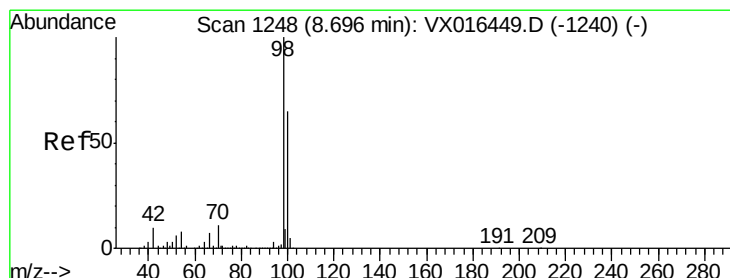
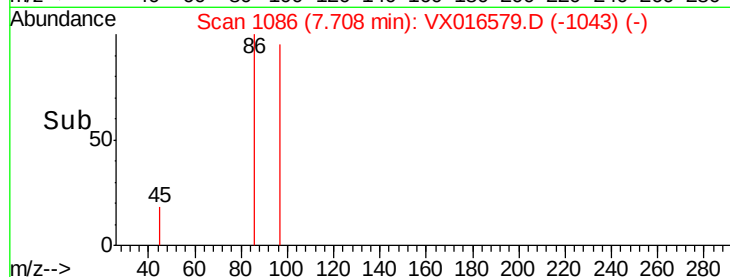
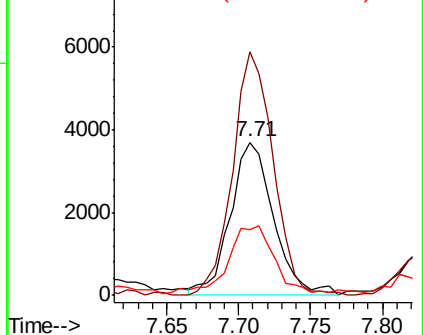
Acq: 04 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	7756
Ion	Ratio	Lower	Upper
41	100		
69	148.8	68.6	102.8#
39	45.9	42.4	63.6



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#50

Toluene-d8

Concen: 51.276 ug/l

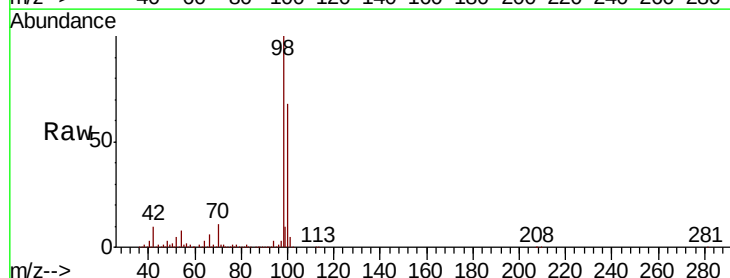
RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

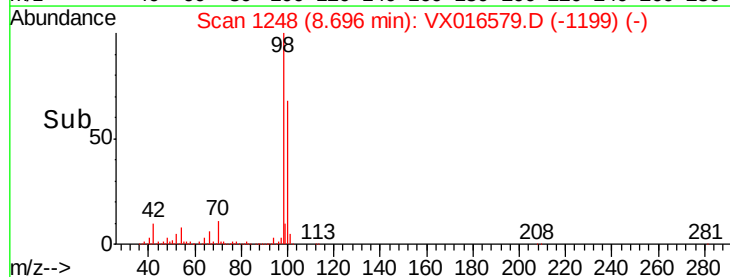
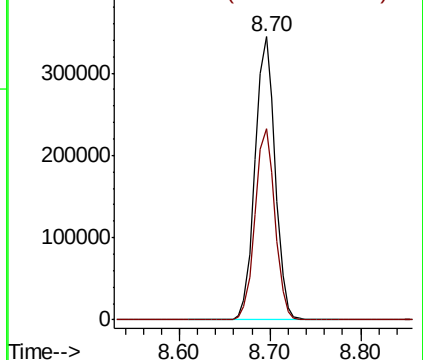
Lab File: VX016579.D

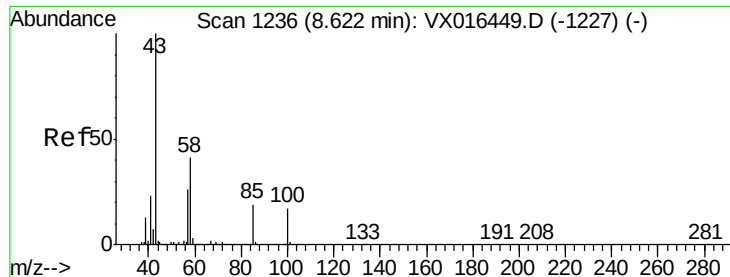
Acq: 04 Jun 2020 12:14

Tgt Ion:	98	Resp:	530475
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

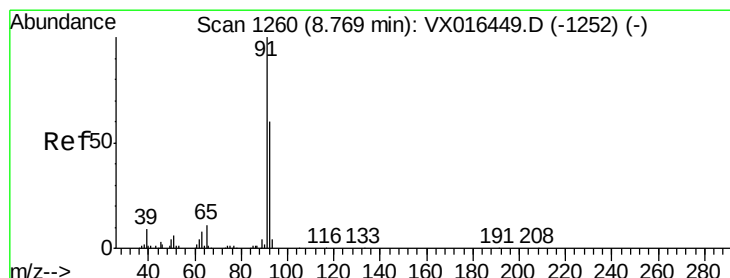
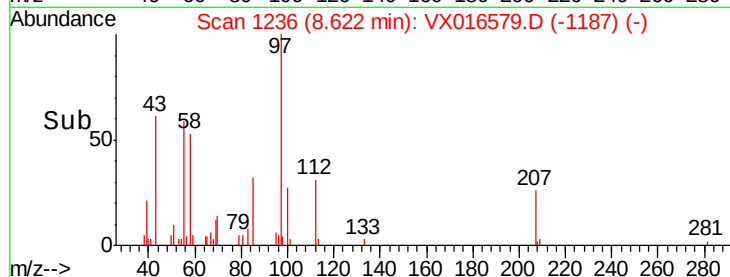
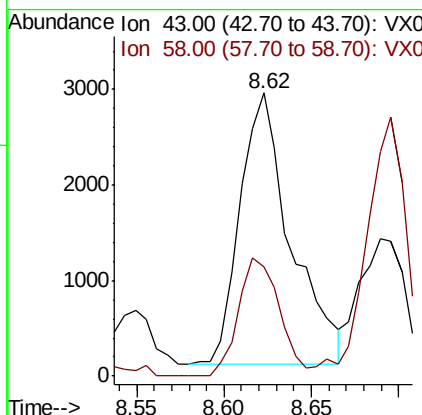
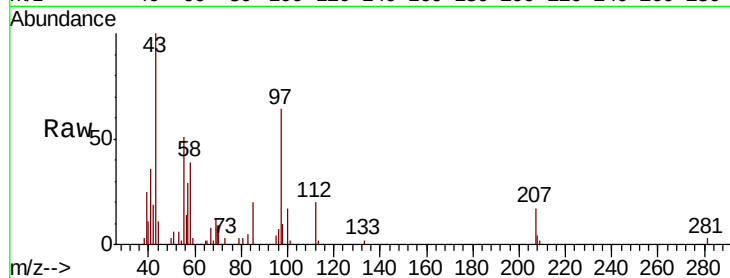




#51
 4-Methyl-2-Pentanone
 Concen: 1.204 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016579.D
 Acq: 04 Jun 2020 12:14

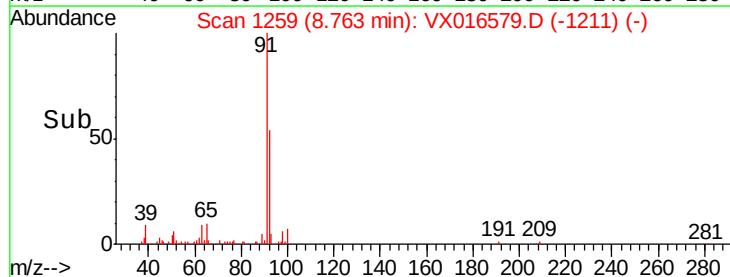
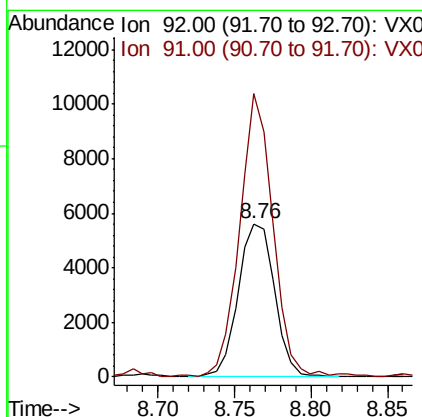
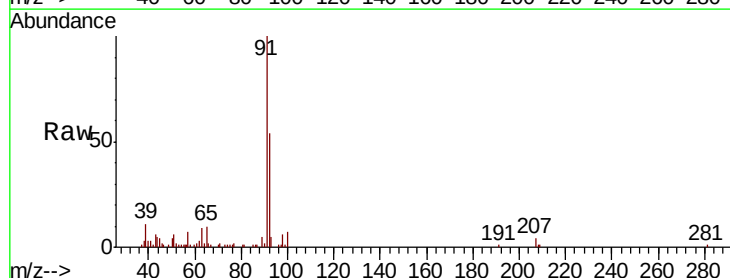
Instrument :
 MSVOA_X
 ClientSampleId :

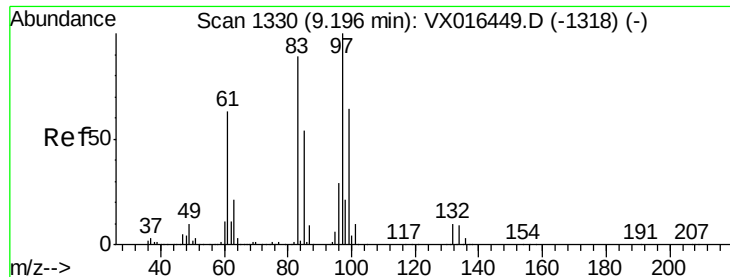
Tot Ion: 43 Resp: 5740
 Ion Ratio Lower Upper
 43 100
 58 35.7 33.0 49.6



#52
 Toluene
 Concen: 1.206 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016579.D
 Acq: 04 Jun 2020 12:14

Tgt Ion: 92 Resp: 9258
 Ion Ratio Lower Upper
 92 100
 91 170.6 135.0 202.4

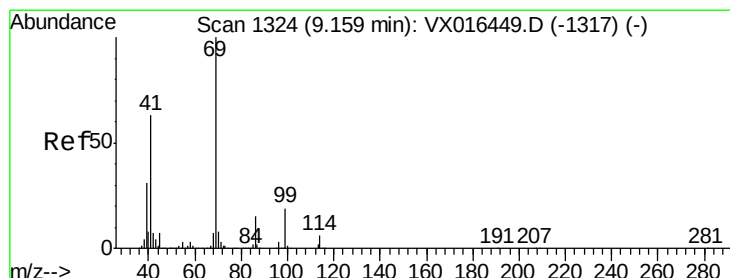
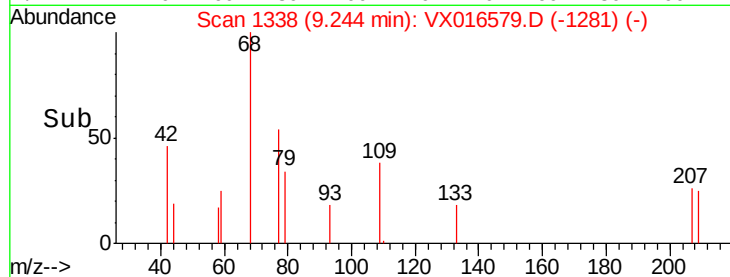
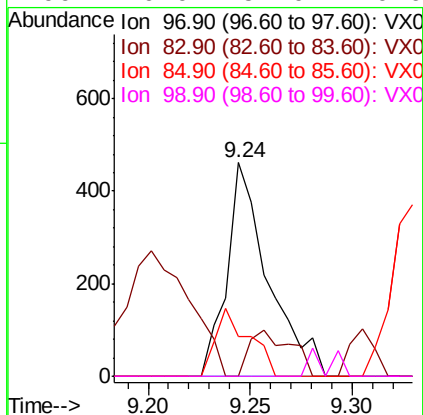
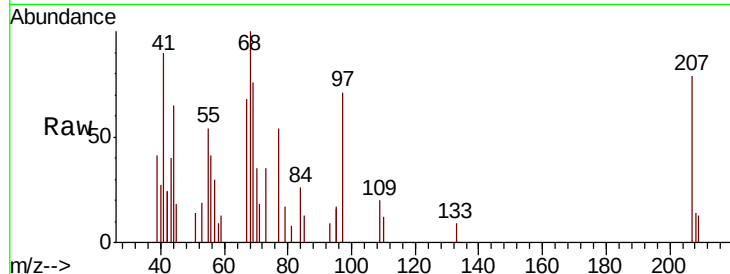




#55
 1,1,2-Trichloroethane
 Concen: 0.212 ug/l
 RT: 9.24 min Scan# 1338
 Delta R.T. 0.05 min
 Lab File: VX016579.D
 Acq: 04 Jun 2020 12:14

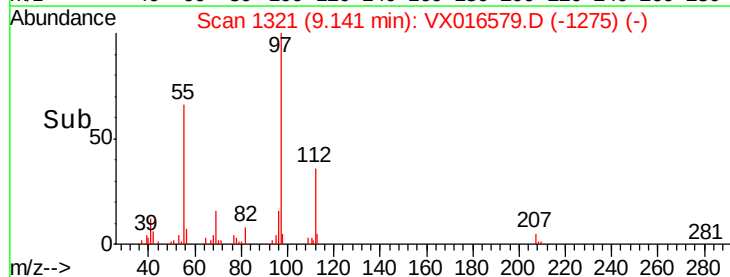
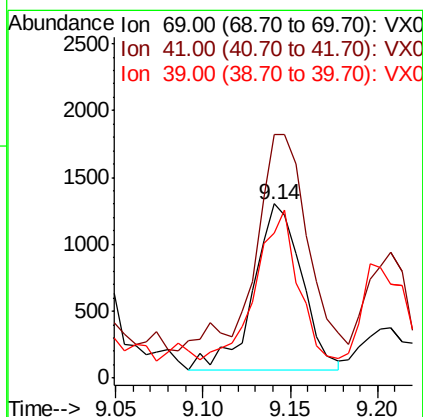
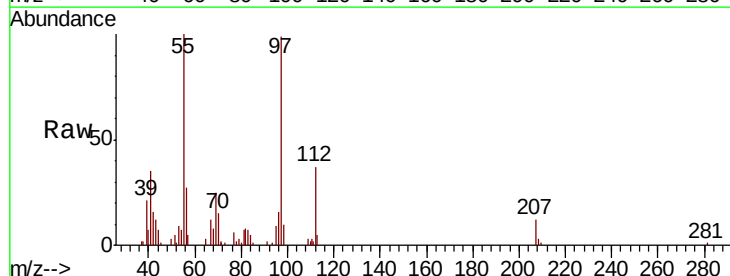
Instrument :
 MSVOA_X
 ClientSampleId :

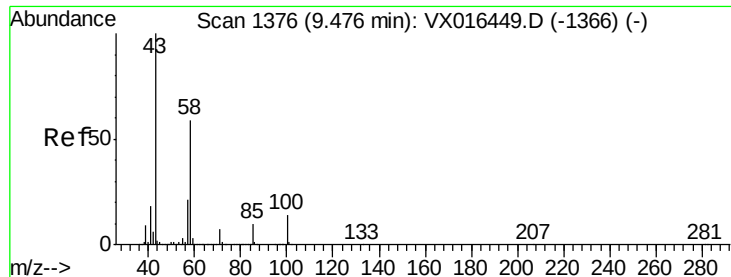
Tot Ion: 97 Resp: 648
 Ion Ratio Lower Upper
 97 100
 83 0.0 70.9 106.3#
 85 18.8 43.4 65.2#
 99 0.0 51.0 76.6#



#56
 Ethyl methacrylate
 Concen: 0.484 ug/l
 RT: 9.14 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: VX016579.D
 Acq: 04 Jun 2020 12:14

Tgt Ion: 69 Resp: 2404
 Ion Ratio Lower Upper
 69 100
 41 138.0 50.7 76.1#
 39 75.9 25.8 38.6#

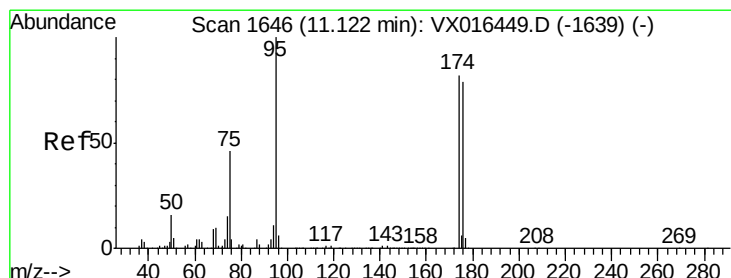
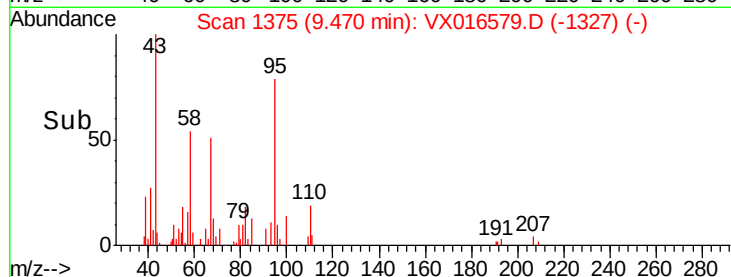
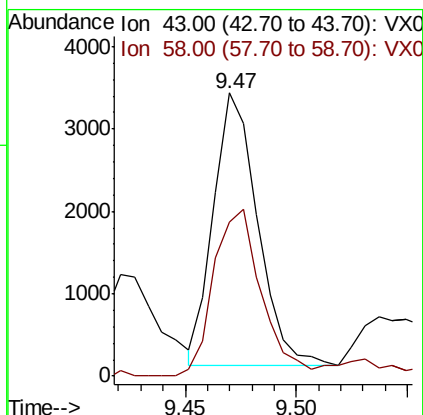
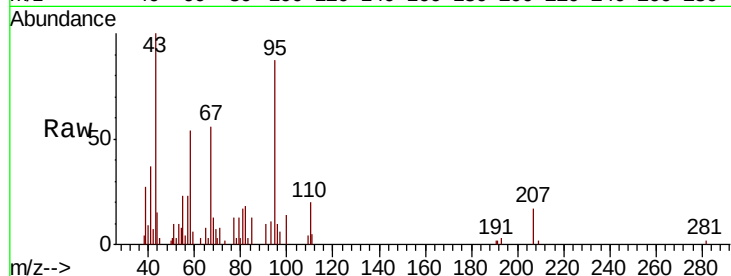




#59
2-Hexanone
Concen: 1.226 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

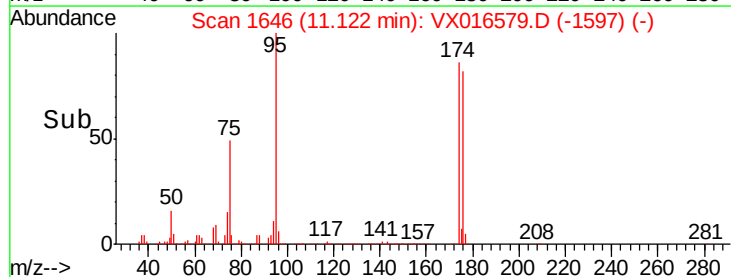
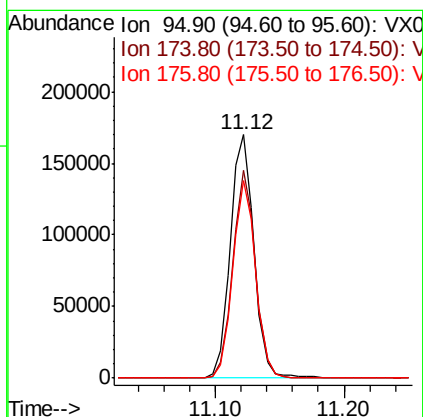
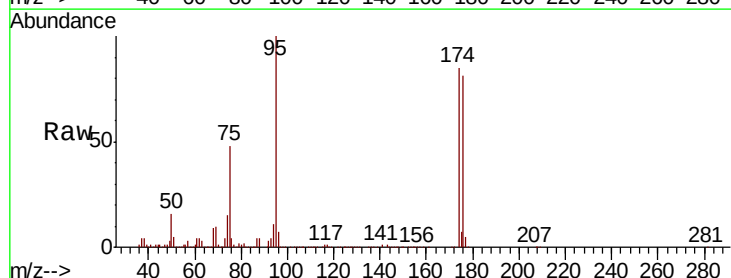
Instrument :
MSVOA_X
ClientSampleId :

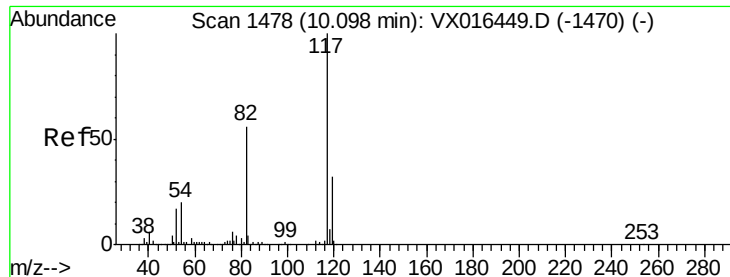
Tot Ion: 43 Resp: 4543
Ion Ratio Lower Upper
43 100
58 66.5 28.8 86.4



#62
4-Bromofluorobenzene
Concen: 54.475 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

Tgt Ion: 95 Resp: 217763
Ion Ratio Lower Upper
95 100
174 81.7 0.0 163.0
176 78.8 0.0 156.8

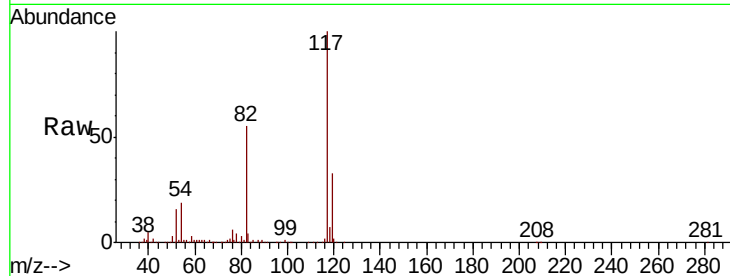




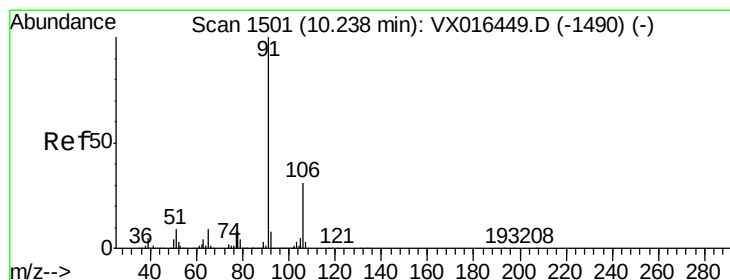
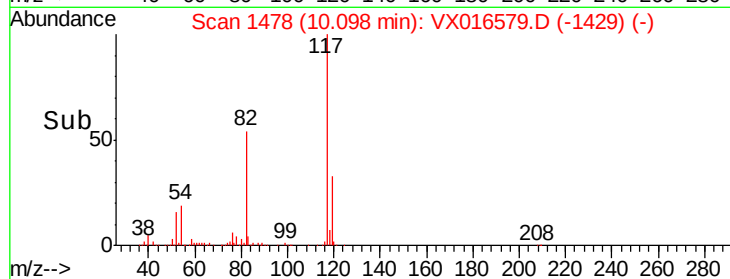
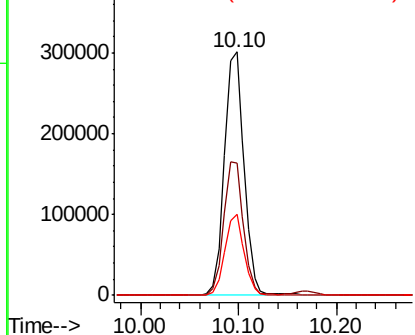
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 421206
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.6
119 33.4 25.8 38.8

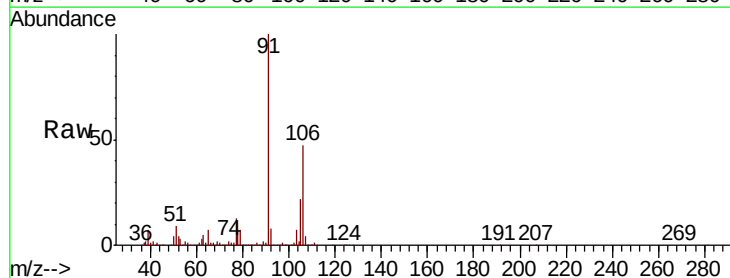


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

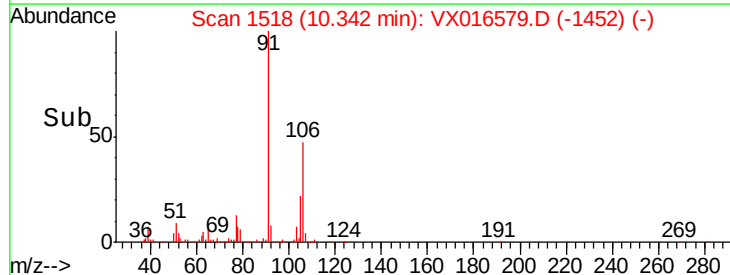
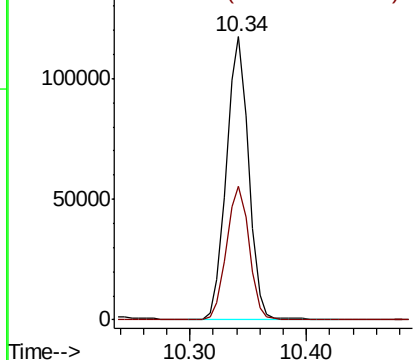


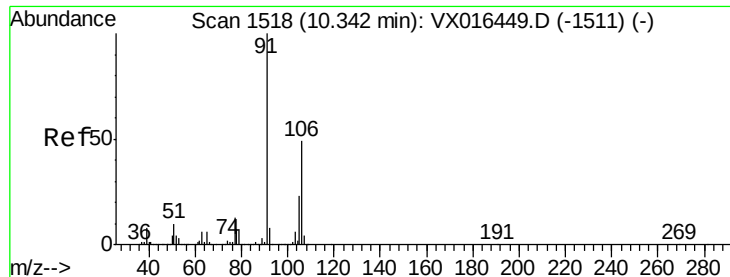
#67
Ethyl Benzene
Concen: 10.229 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.10 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

Tgt Ion: 91 Resp: 156396
Ion Ratio Lower Upper
91 100
106 47.4 25.0 37.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V

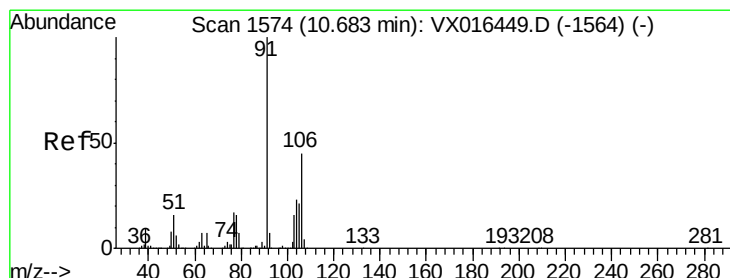
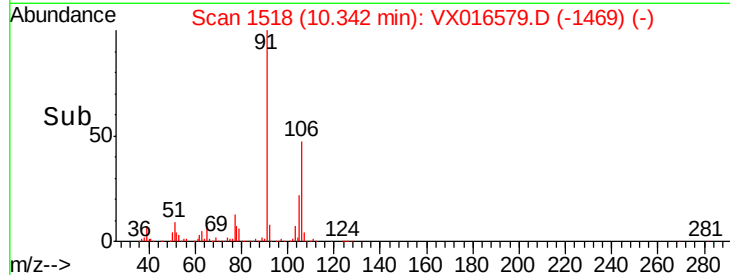
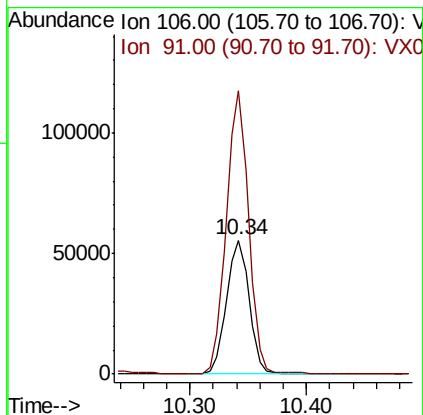
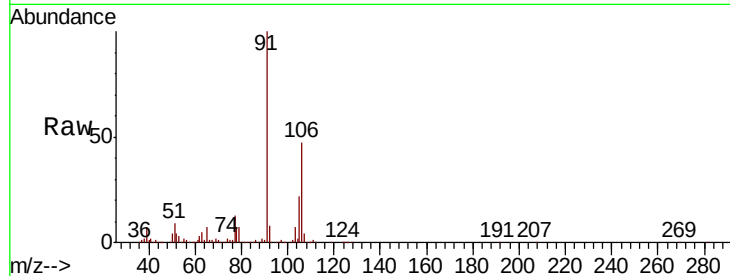




#68
m/p-Xylenes
Concen: 13.301 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

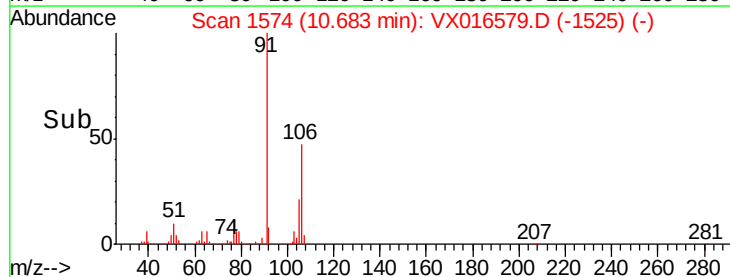
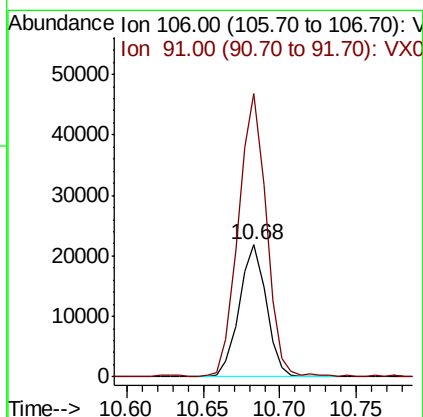
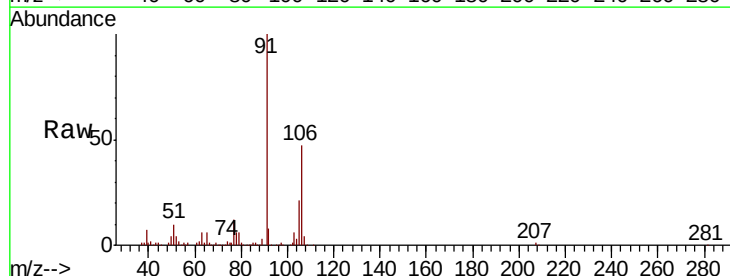
Instrument :
MSVOA_X
ClientSampleId :

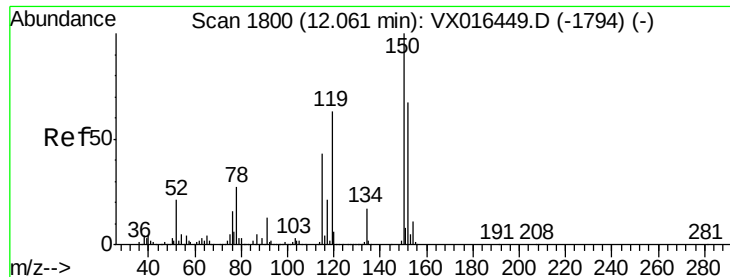
Tot Ion:106 Resp: 75399
Ion Ratio Lower Upper
106 100
91 207.4 163.8 245.8



#69
o-Xylene
Concen: 4.917 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

Tgt Ion:106 Resp: 26993
Ion Ratio Lower Upper
106 100
91 217.9 109.6 328.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

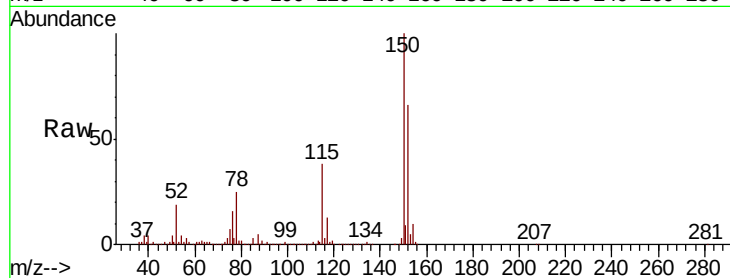
Tot Ion:152 Resp: 225112

Ion Ratio Lower Upper

152 100

115 59.4 39.9 119.6

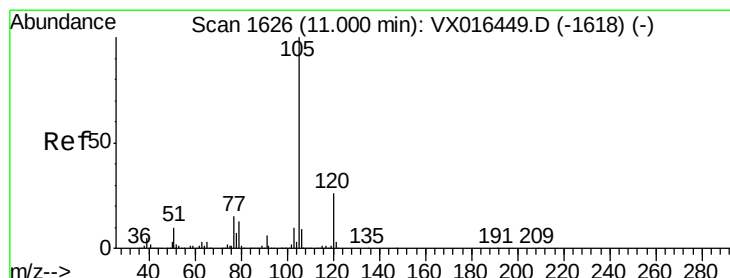
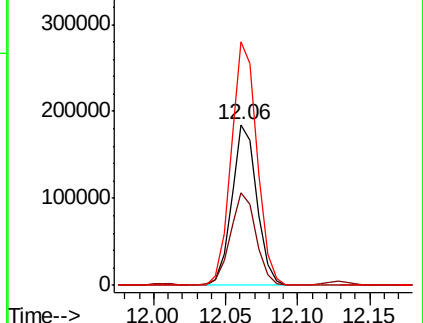
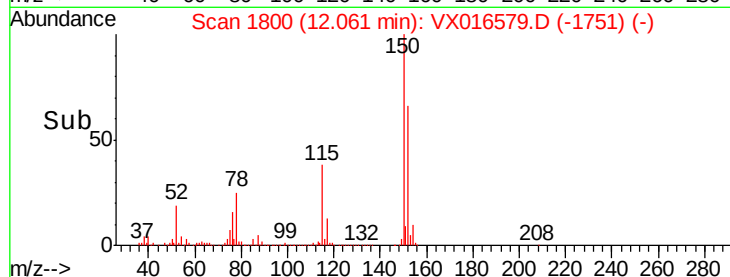
150 156.1 0.0 341.0



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: 0.225 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016579.D

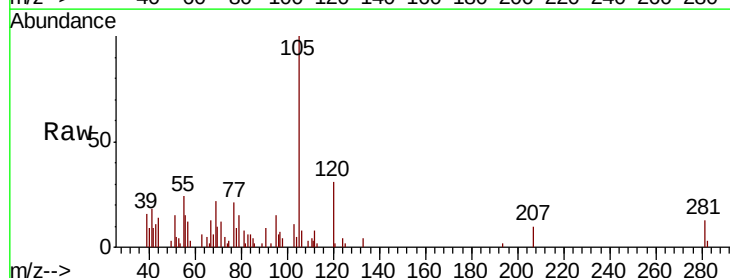
Acq: 04 Jun 2020 12:14

Tgt Ion:105 Resp: 3508

Ion Ratio Lower Upper

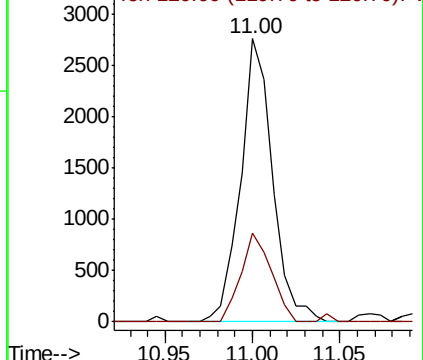
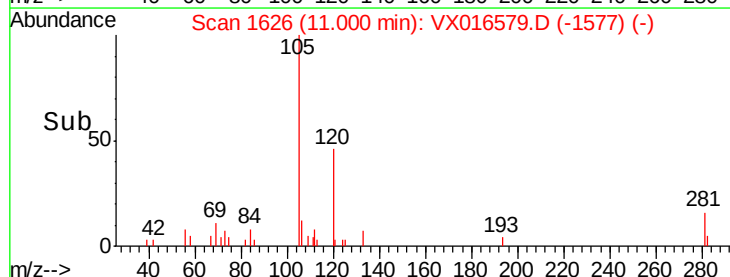
105 100

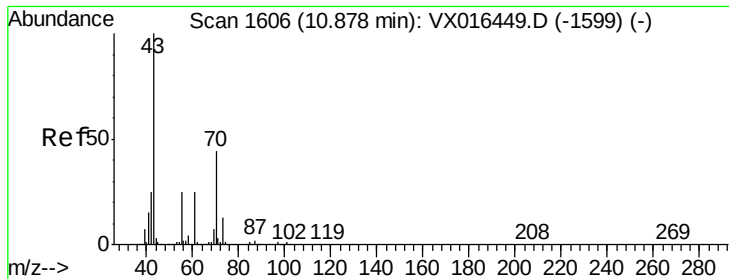
120 29.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.721 ug/l

RT: 10.93 min Scan# 1615

Delta R.T. 0.05 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 5174

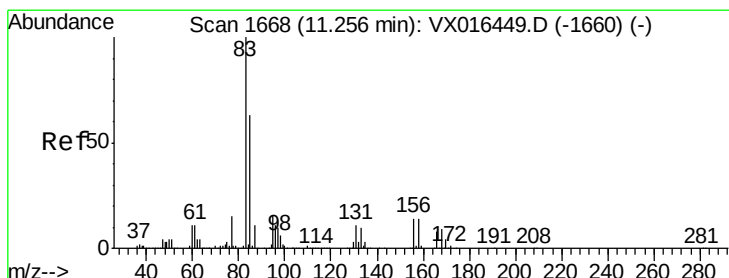
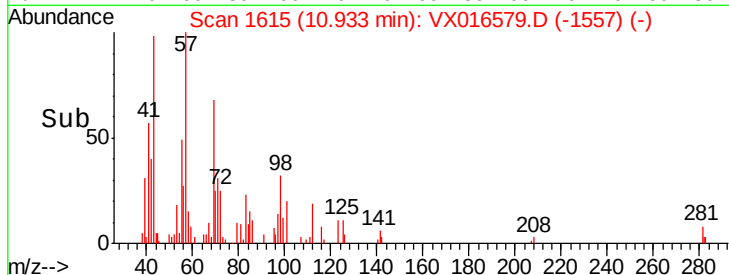
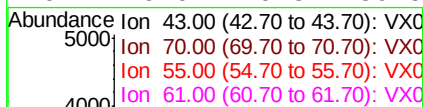
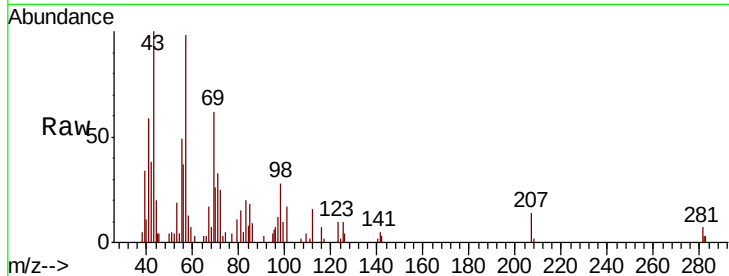
Ion Ratio Lower Upper

43 100

70 0.0 36.1 54.1#

55 0.0 20.2 30.4#

61 0.0 20.3 30.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 0.292 ug/l

RT: 11.26 min Scan# 1669

Delta R.T. 0.01 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

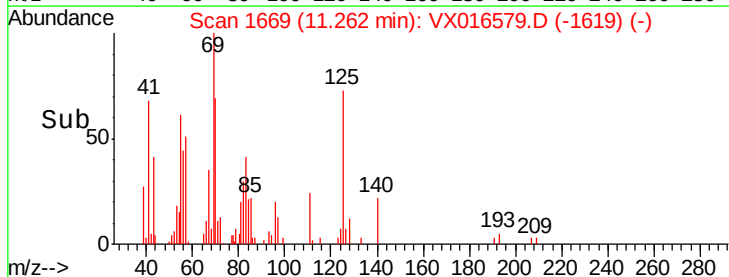
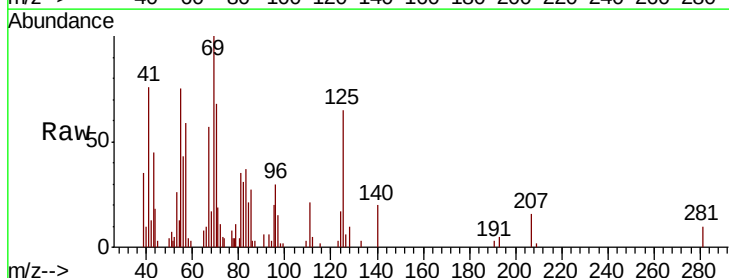
Tgt Ion: 83 Resp: 1140

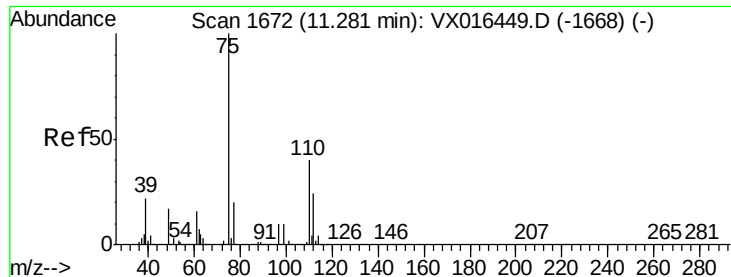
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 83.7 32.0 96.2





#76

1,2,3-Trichloropropane

Concen: 21.219 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

Instrument :

MSVOA_X

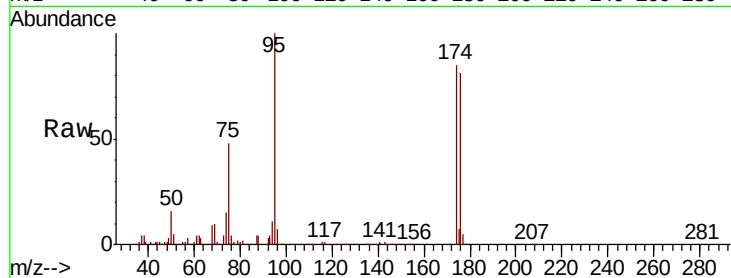
ClientSampleId :

Tot Ion: 75 Resp: 104995

Ion Ratio Lower Upper

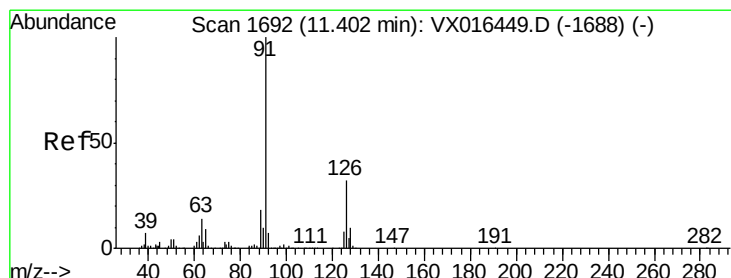
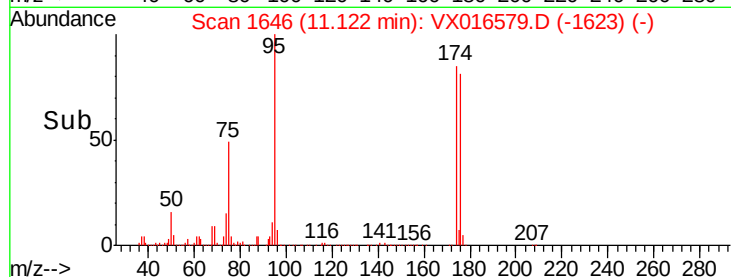
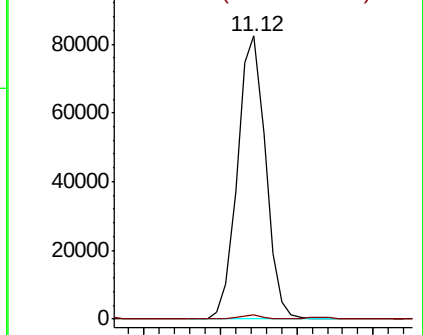
75 100

77 1.2 21.3 63.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#79

2-Chlorotoluene

Concen: 1.945 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX016579.D

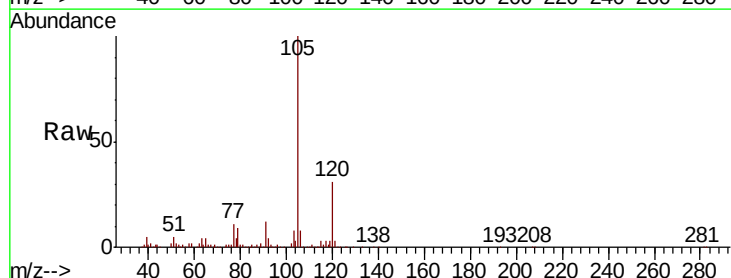
Acq: 04 Jun 2020 12:14

Tgt Ion: 91 Resp: 20688

Ion Ratio Lower Upper

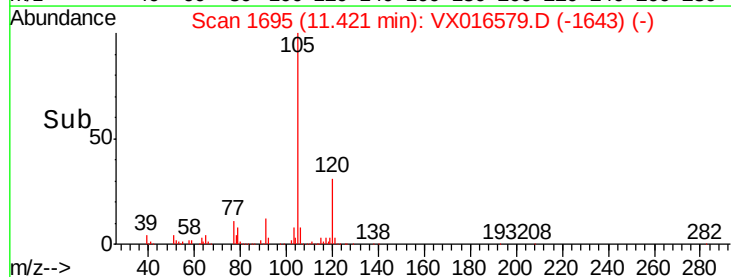
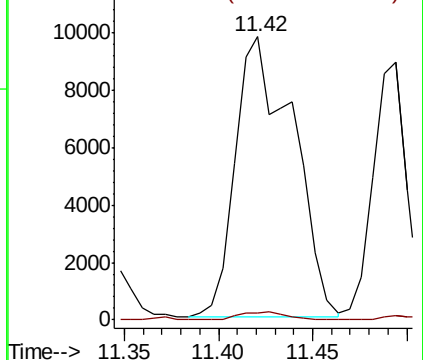
91 100

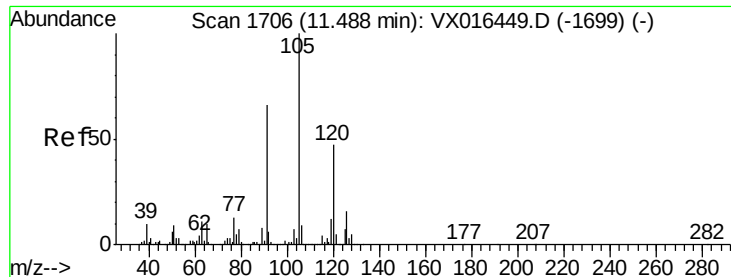
126 2.1 16.8 50.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 7.975 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

Instrument :

MSVOA_X

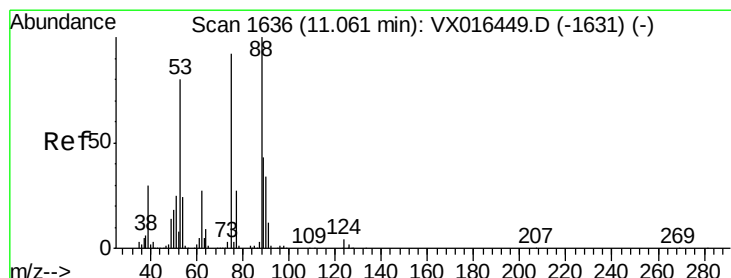
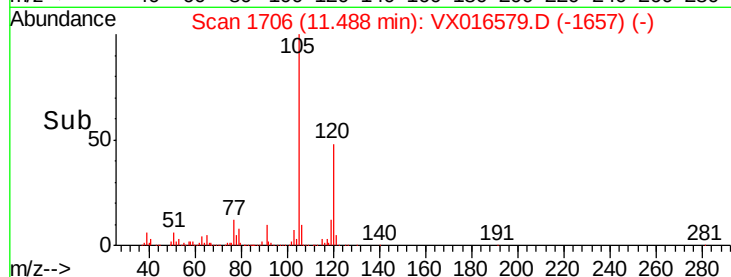
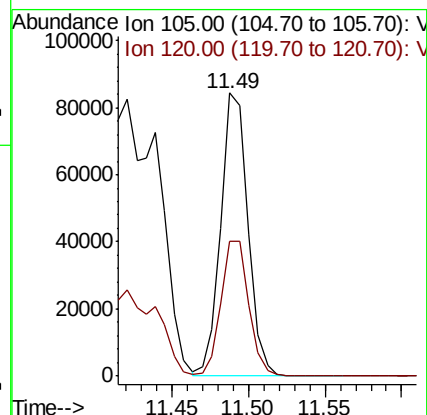
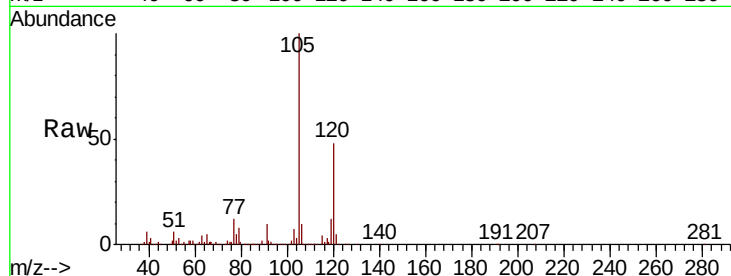
ClientSampled :

Tot Ion:105 Resp: 103868

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 52.196 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

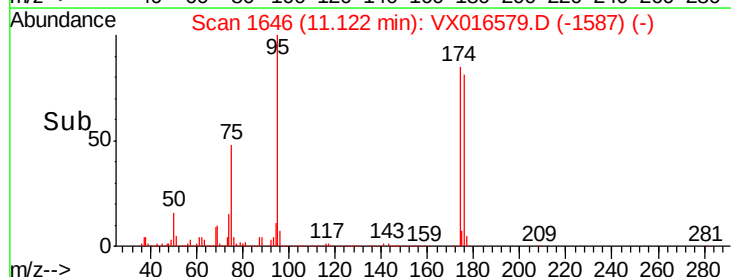
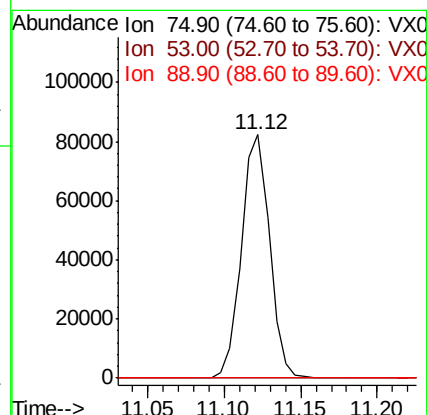
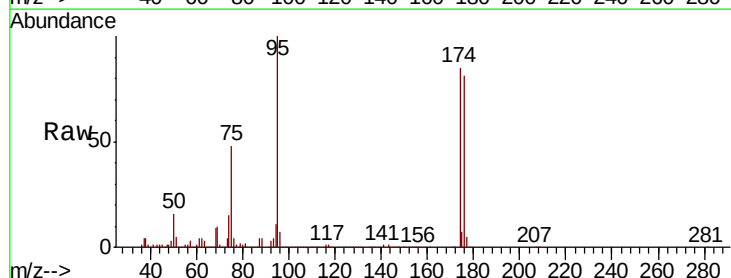
Tgt Ion: 75 Resp: 104995

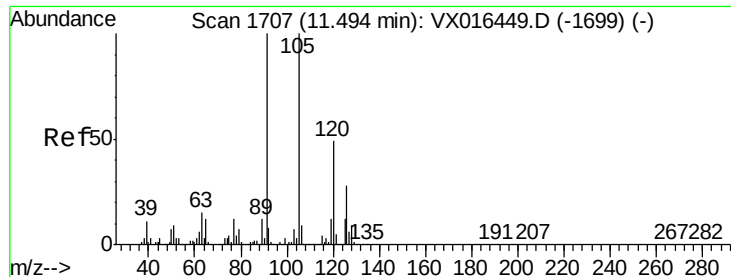
Ion Ratio Lower Upper

75 100

53 0.4 71.3 106.9#

89 0.0 36.6 55.0#





#82

4-Chlorotoluene

Concen: 0.870 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

Instrument :

MSVOA_X

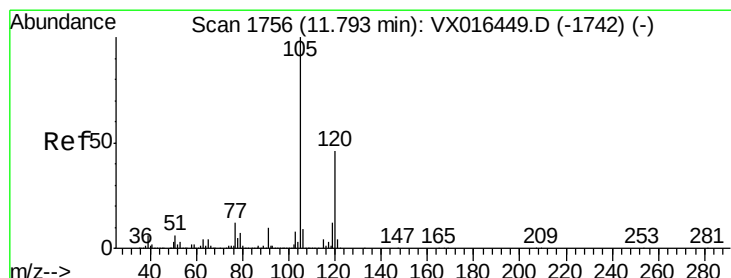
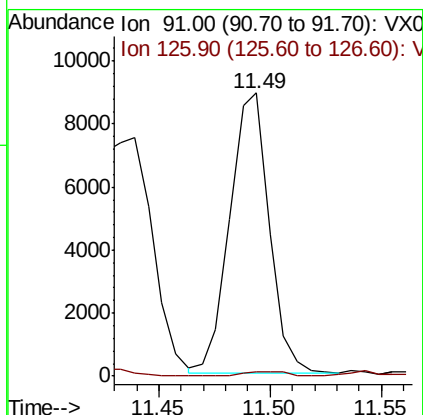
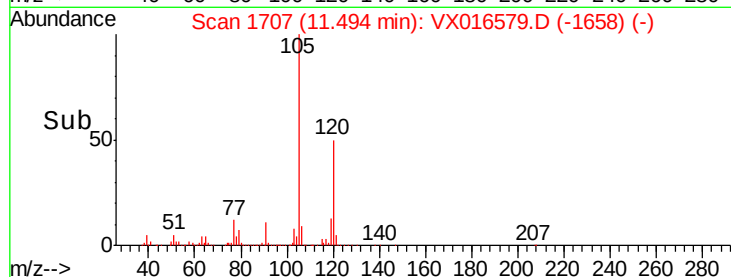
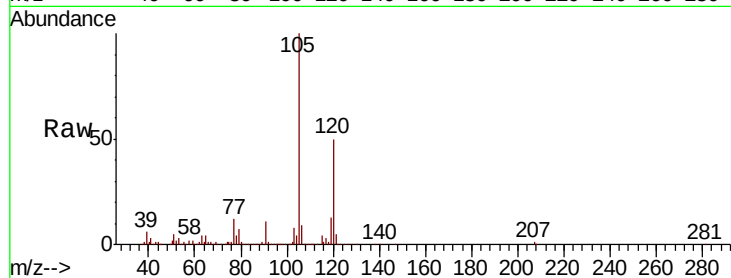
ClientSampleId :

Tot Ion: 91 Resp: 10930

Ion Ratio Lower Upper

91 100

126 1.7 14.7 44.1#



#84

1,2,4-Trimethylbenzene

Concen: 10.354 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016579.D

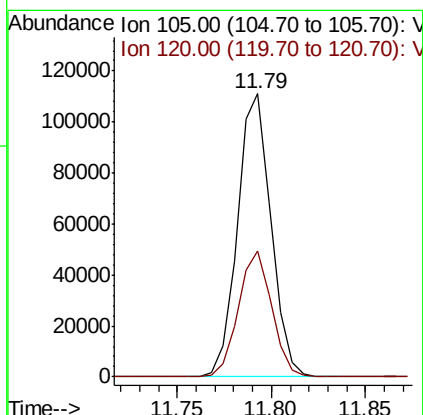
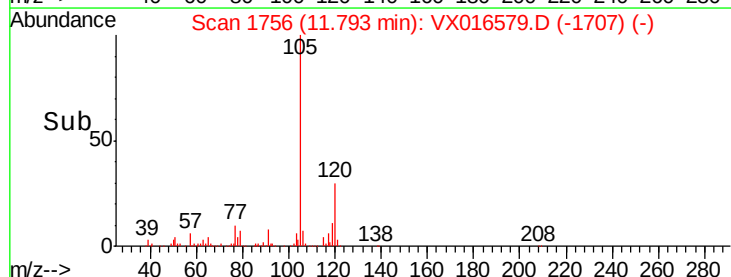
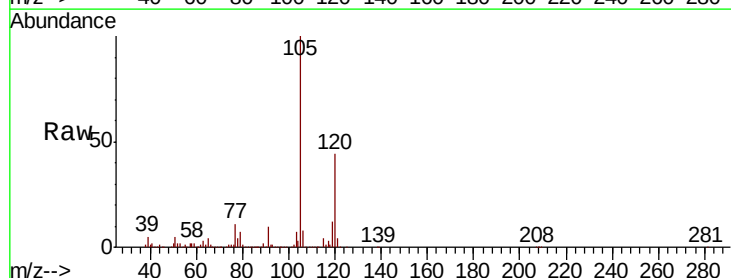
Acq: 04 Jun 2020 12:14

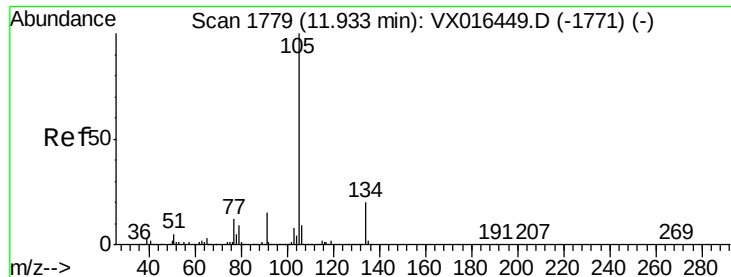
Tgt Ion: 105 Resp: 136376

Ion Ratio Lower Upper

105 100

120 44.5 22.6 67.7





#85

sec-Butylbenzene

Concen: 0.426 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

Instrument :

MSVOA_X

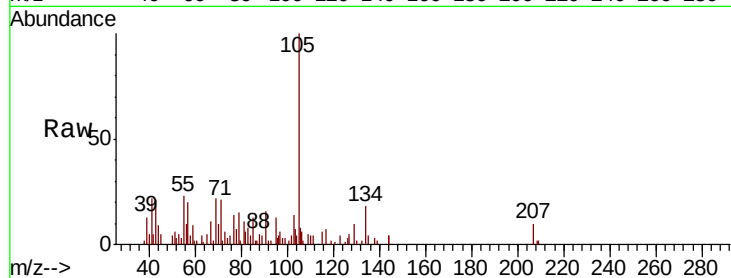
ClientSampled :

Tot Ion:105 Resp: 5941

Ion Ratio Lower Upper

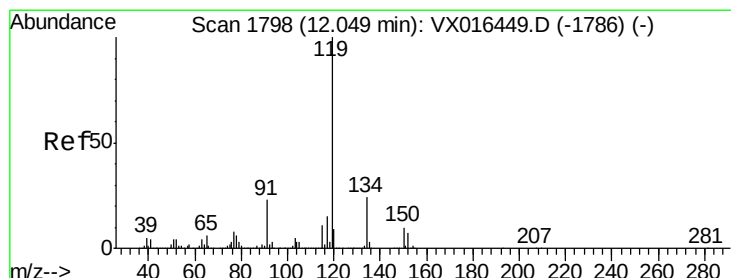
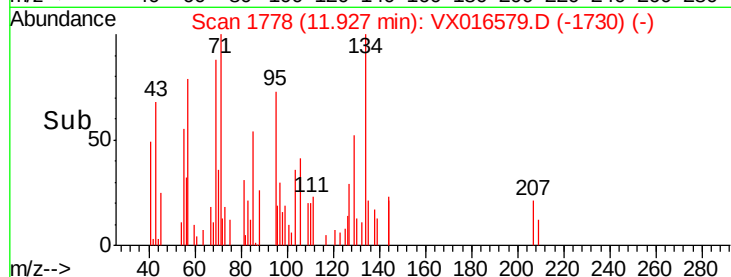
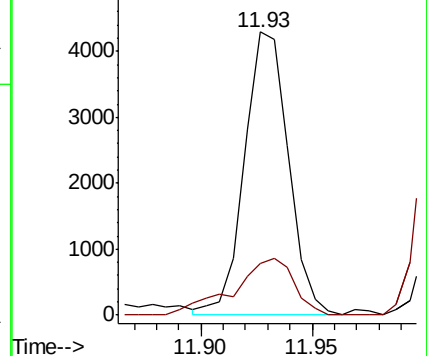
105 100

134 27.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.680 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

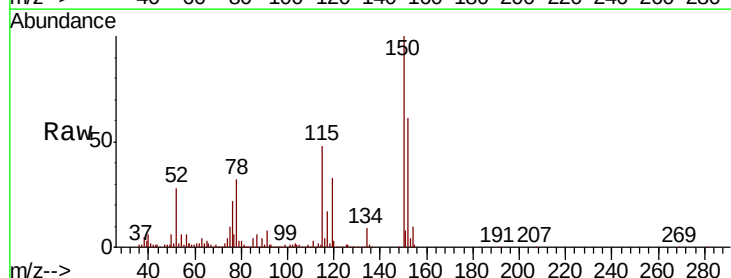
Tgt Ion:119 Resp: 21963

Ion Ratio Lower Upper

119 100

134 27.1 12.7 38.0

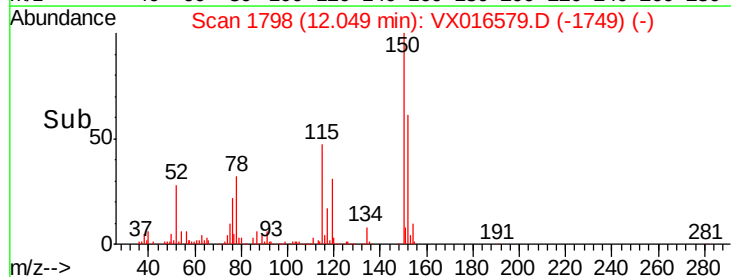
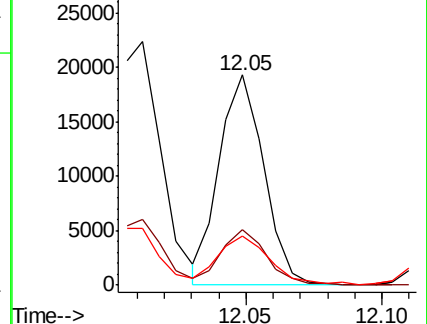
91 26.2 11.7 35.0

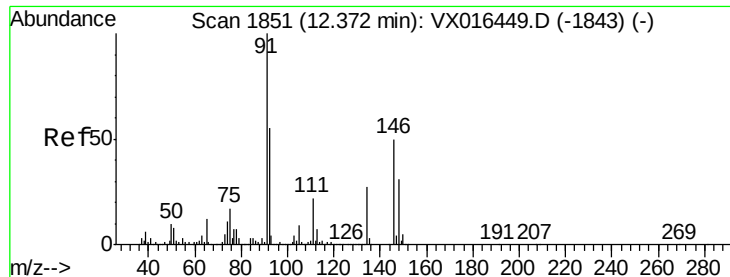


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

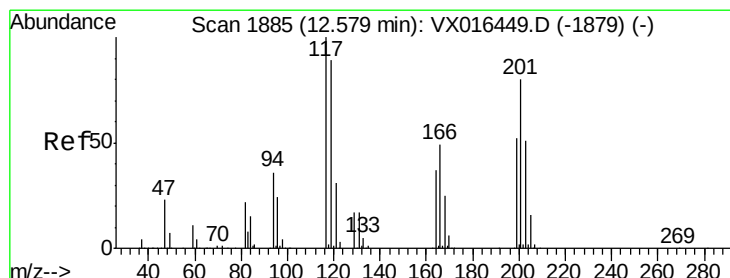
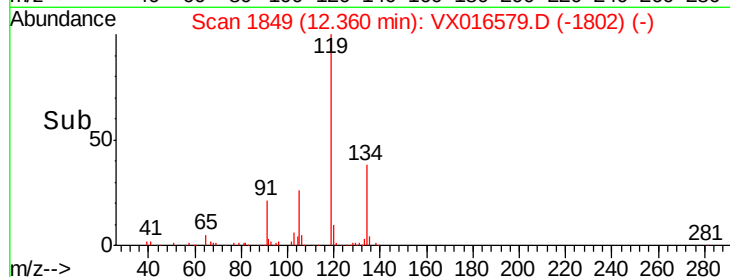
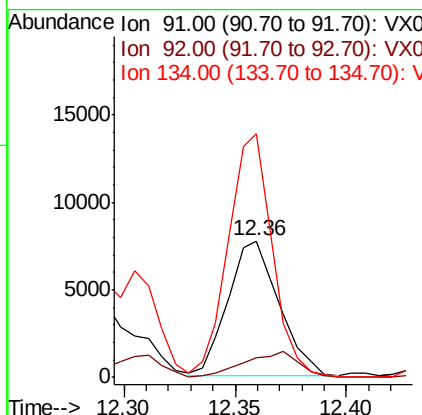
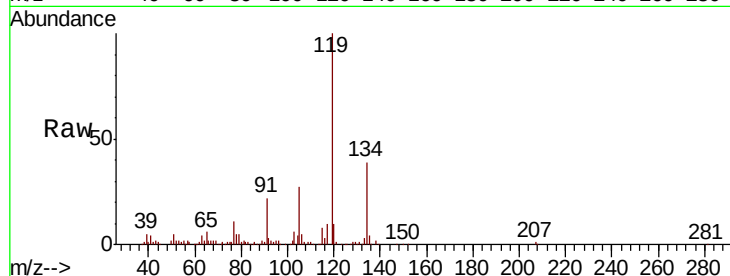




#89
n-Butylbenzene
Concen: 1.127 ug/l
RT: 12.36 min Scan# 1849
Delta R.T. -0.01 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

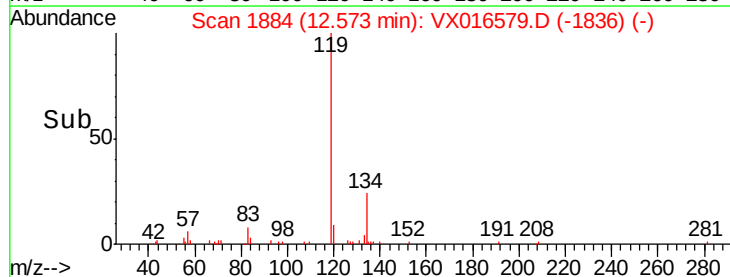
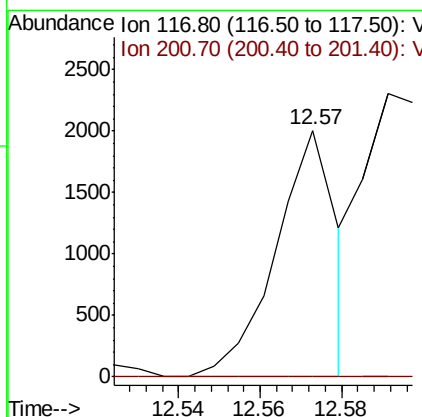
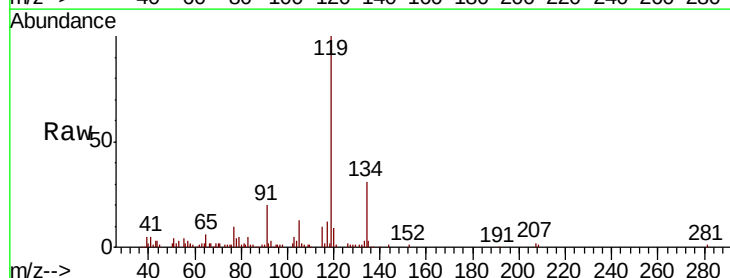
Instrument :
MSVOA_X
ClientSampled :

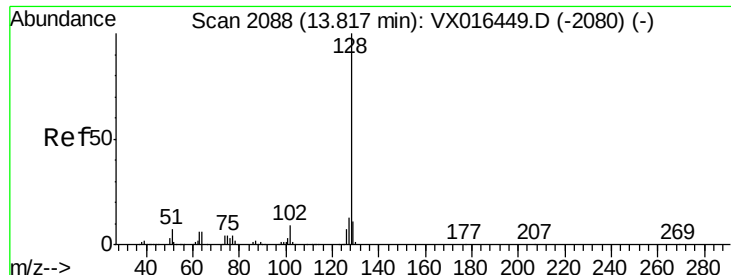
Tot Ion: 91 Resp: 12271
Ion Ratio Lower Upper
91 100
92 20.1 27.2 81.5#
134 156.3 13.1 39.3#



#90
Hexachloroethane
Concen: 0.919 ug/l
RT: 12.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: VX016579.D
Acq: 04 Jun 2020 12:14

Tgt Ion: 117 Resp: 2076
Ion Ratio Lower Upper
117 100
201 0.0 43.1 129.3#





#95

Naphthalene

Concen: 0.344 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

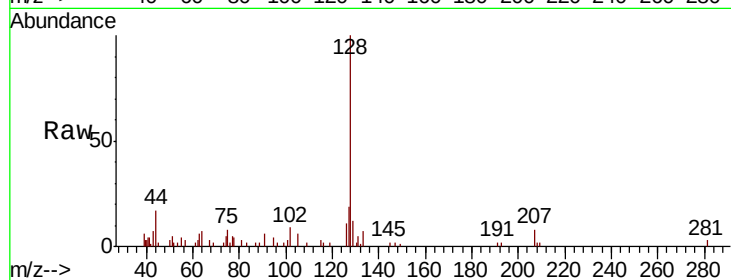
Lab File: VX016579.D

Acq: 04 Jun 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :



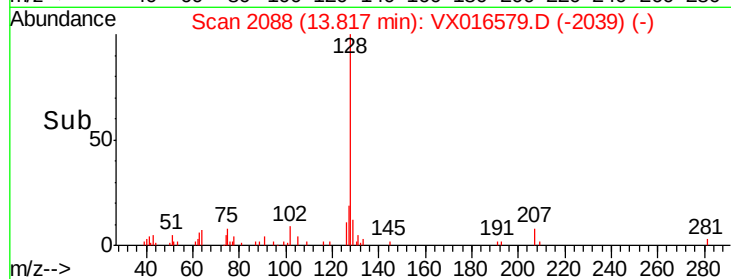
Tot Ion:128 Resp: 5375

Ion Ratio Lower Upper

128 100

127 20.4 10.6 15.8#

129 22.1 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

5000 Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

