

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020272.D
 Acq On : 22 Dec 2020 00:36
 Operator : JC/MD
 Sample : PB133709ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 05:15:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

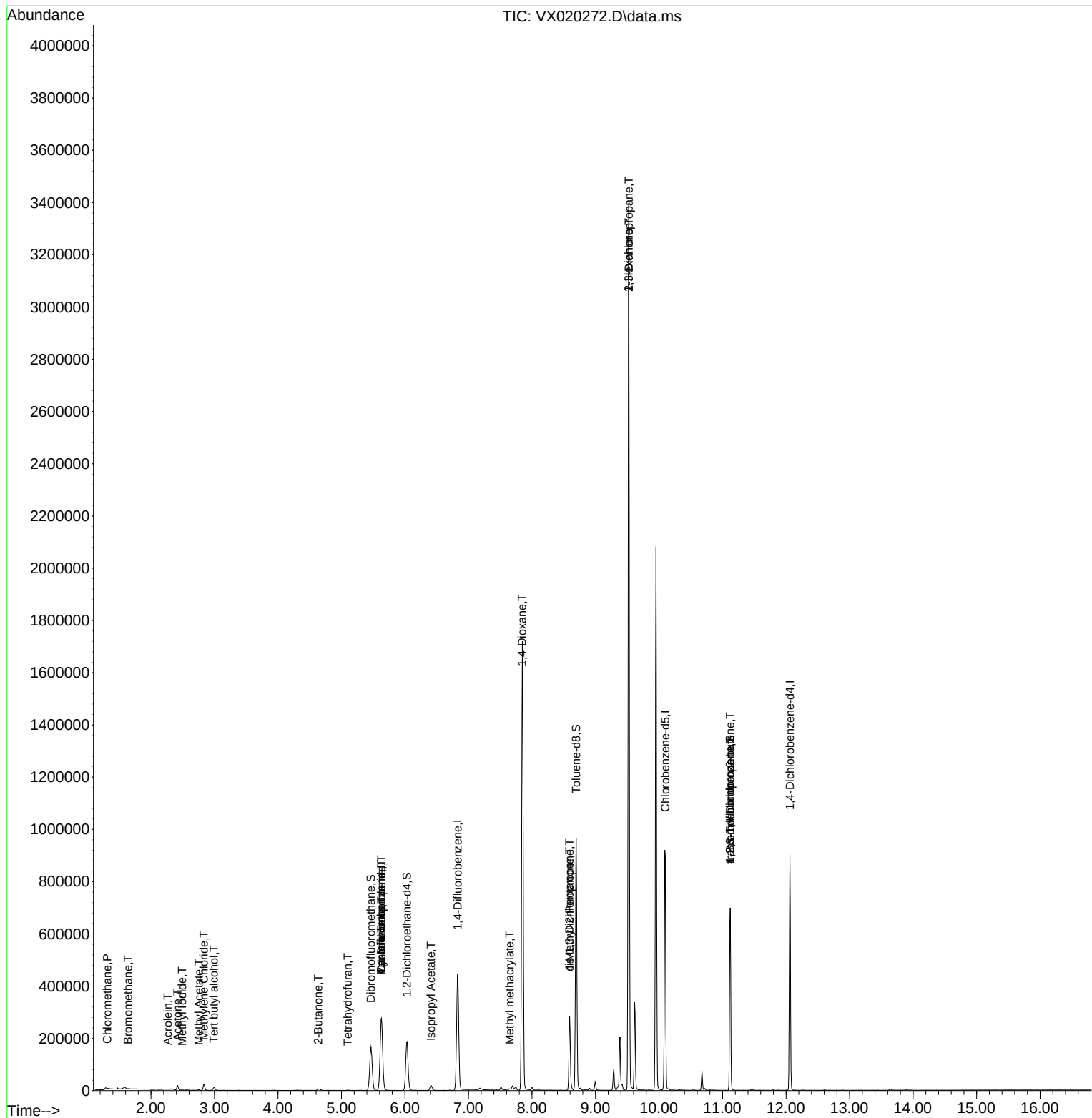
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.623	168	264373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	446687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	429072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	179889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	178275	50.31	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.62%	
35) Dibromofluoromethane	5.465	113	142698	49.94	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.88%	
50) Toluene-d8	8.696	98	564521	51.32	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.64%	
62) 4-Bromofluorobenzene	11.122	95	195868	46.53	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 93.06%	
Target Compounds						Qvalue
3) Chloromethane	1.313	50	695	0.21	ug/l	# 81
5) Bromomethane	1.636	94	731	0.63	ug/l	96
10) Methyl Iodide	2.489	142	122	3.32	ug/l	# 71
11) Tert butyl alcohol	2.989	59	6879	8.67	ug/l	# 76
13) Acrolein	2.264	56	141	0.28	ug/l	# 37
16) Acetone	2.416	43	18063	11.18	ug/l	98
18) Methyl Acetate	2.752	43	2830	0.79	ug/l	92
20) Methylene Chloride	2.831	84	10391	2.85	ug/l	96
25) 2-Butanone	4.635	43	7287	3.10	ug/l	99
29) Tetrahydrofuran	5.099	42	1015	0.69	ug/l	# 72
31) Cyclohexane	5.629	56	5378	1.10	ug/l	# 1
36) 1,1-Dichloropropene	5.629	75	21012	4.76	ug/l	# 49
38) Carbon Tetrachloride	5.629	117	26297	6.26	ug/l	# 17
43) Isopropyl Acetate	6.409	43	24470	3.38	ug/l	99
48) Methyl methacrylate	7.647	41	7245	2.04	ug/l	# 10
49) 1,4-Dioxane	7.842	88	272	3.27	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.592	43	88629	19.77	ug/l	# 47
54) cis-1,3-Dichloropropene	8.592	75	45557	8.33	ug/l	# 63
57) 1,3-Dichloropropane	9.525	76	29362	4.99	ug/l	# 43
59) 2-Hexanone	9.525	43	362860	106.19	ug/l	# 46
76) 1,2,3-Trichloropropane	11.122	75	95270	21.50	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.122	75	95270	63.79	ug/l	# 12

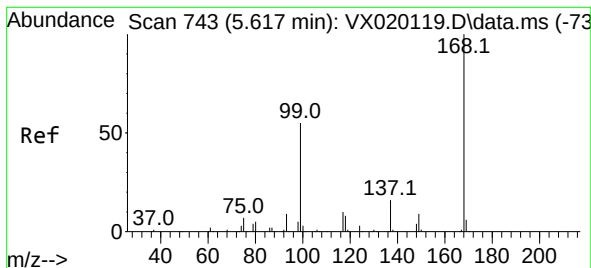
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.623 min Scan# 744

Delta R.T. 0.006 min

Lab File: VX020272.D

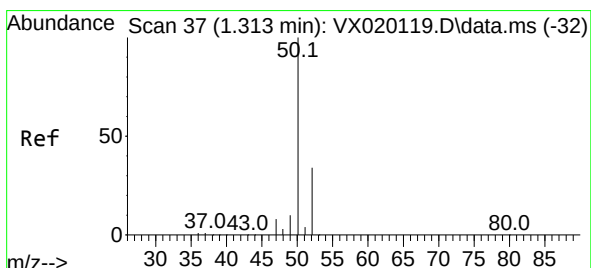
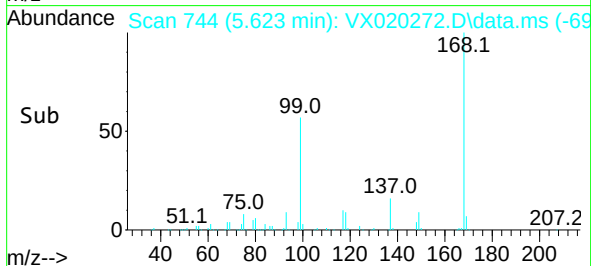
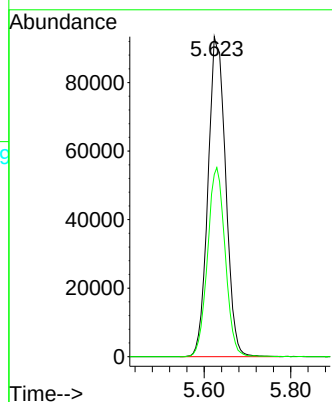
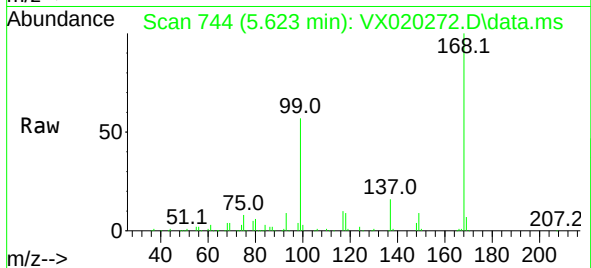
Acq: 22 Dec 2020 00:36

Tgt Ion:168 Resp: 264373

Ion Ratio Lower Upper

168 100

99 56.9 45.8 68.6



#3

Chloromethane

Concen: 0.21 ug/l

RT: 1.313 min Scan# 37

Delta R.T. -0.000 min

Lab File: VX020272.D

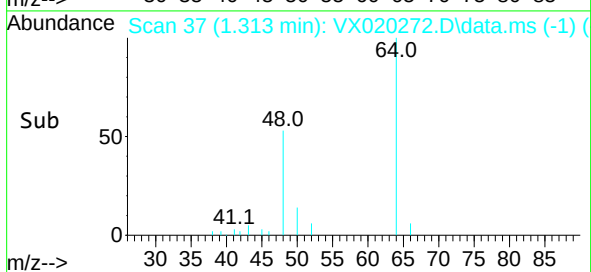
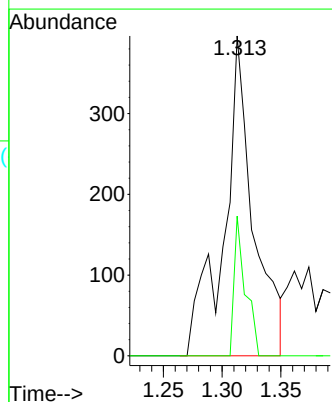
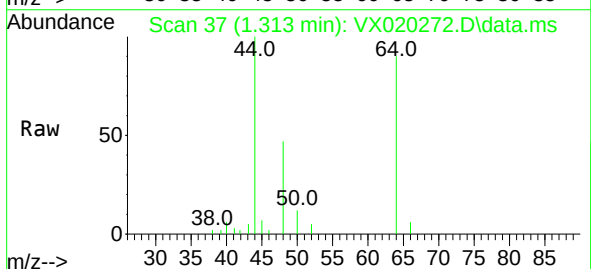
Acq: 22 Dec 2020 00:36

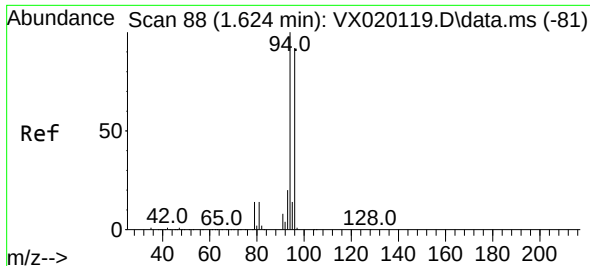
Tgt Ion: 50 Resp: 695

Ion Ratio Lower Upper

50 100

52 43.7 26.4 39.6#

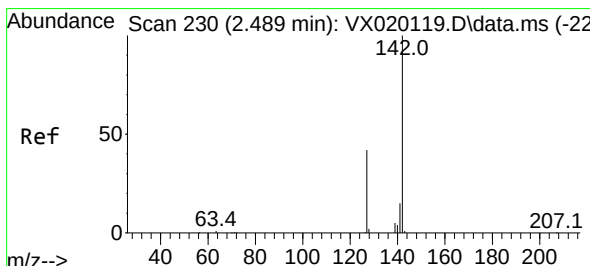
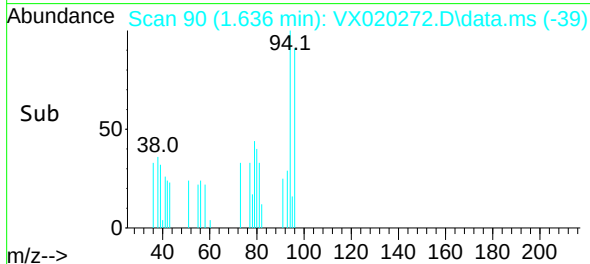
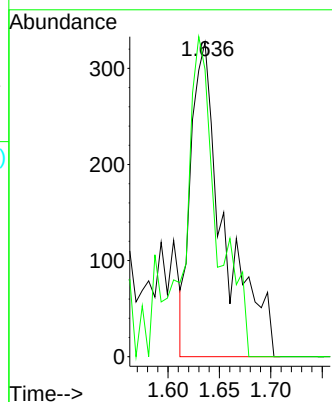
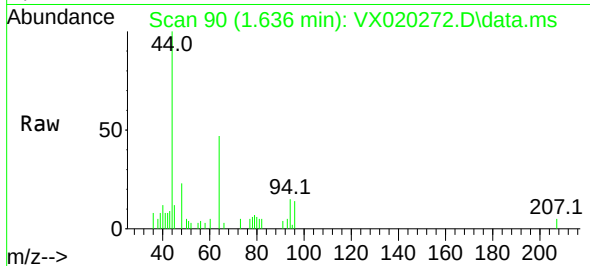




#5
Bromomethane
Concen: 0.63 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

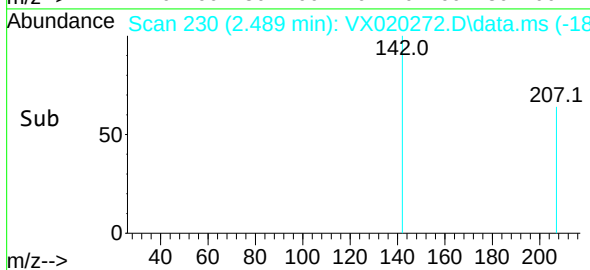
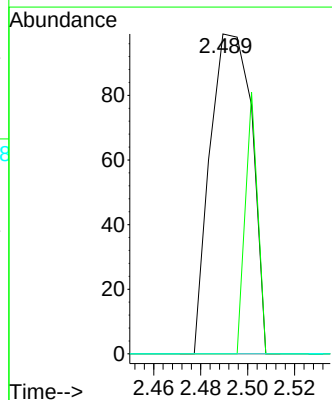
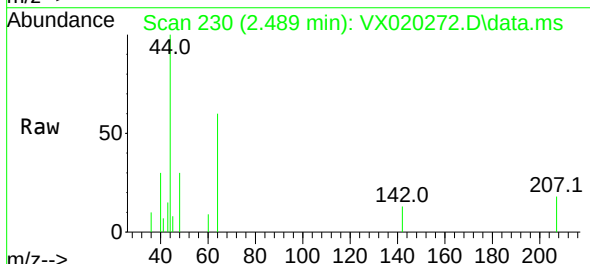
Instrument :
MSVOA_X
ClientSampled :

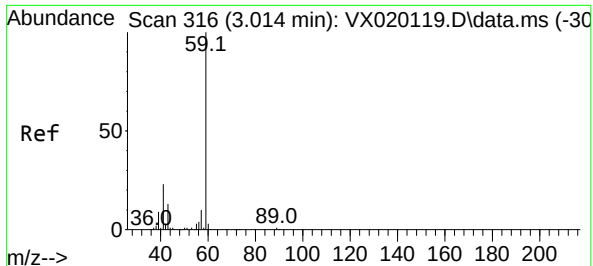
Tgt Ion: 94 Resp: 731
Ion Ratio Lower Upper
94 100
96 91.4 76.4 114.6



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

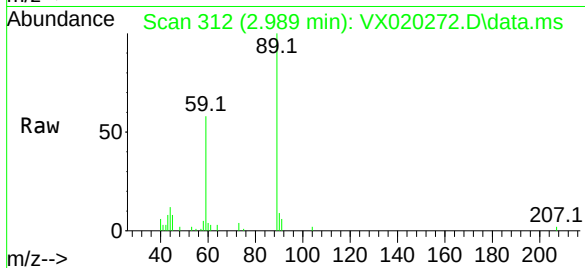
Tgt Ion: 142 Resp: 122
Ion Ratio Lower Upper
142 100
127 24.6 33.3 49.9#
141 0.0 11.4 17.0#



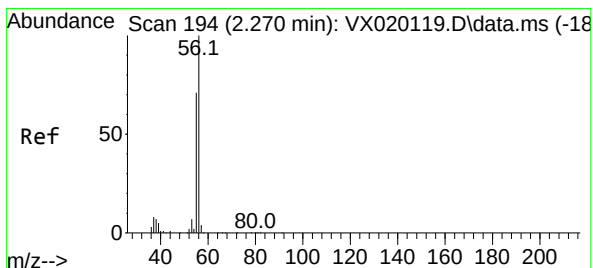
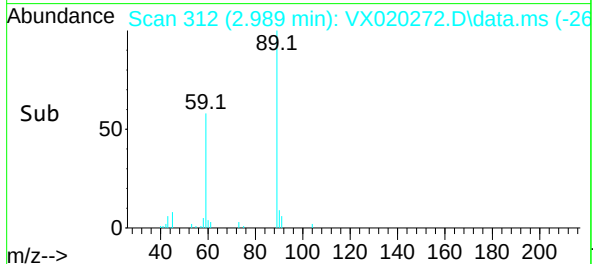
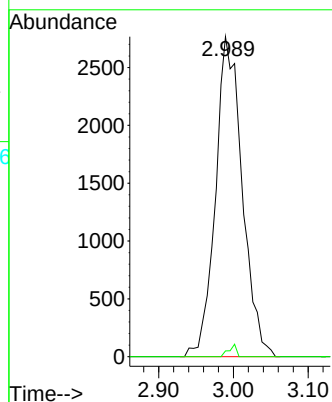


#11
Tert butyl alcohol
Concen: 8.67 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

Instrument :
MSVOA_X
ClientSampled :

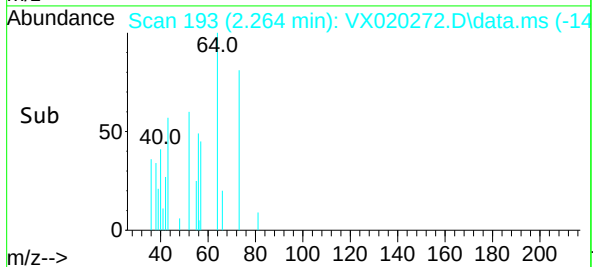
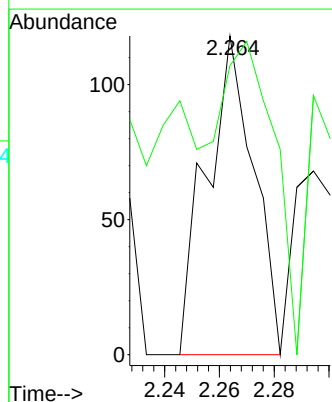
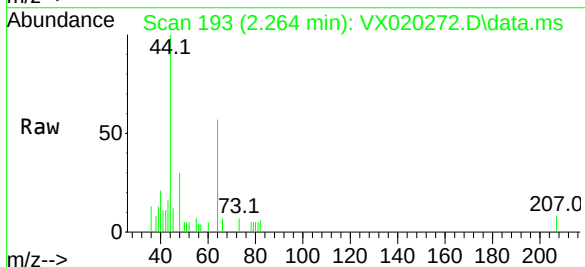


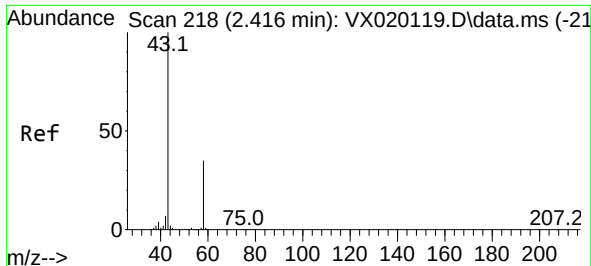
Tgt Ion: 59 Resp: 6879
Ion Ratio Lower Upper
59 100
57 1.1 7.8 11.8#



#13
Acrolein
Concen: 0.28 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

Tgt Ion: 56 Resp: 141
Ion Ratio Lower Upper
56 100
55 122.7 56.4 84.6#

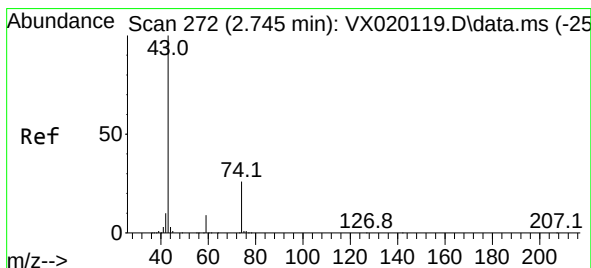
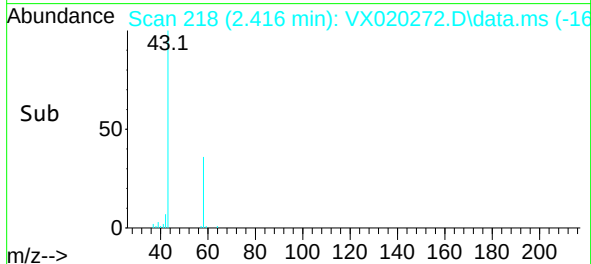
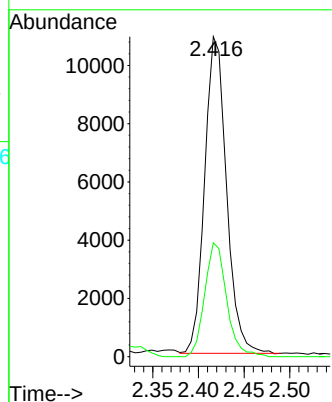
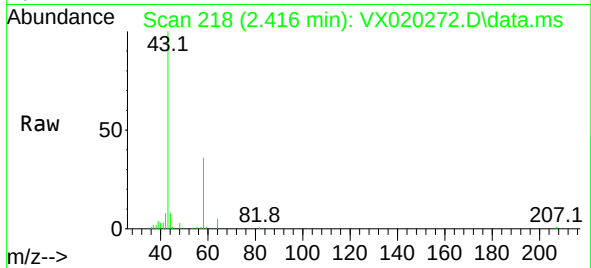




#16
Acetone
Concen: 11.18 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

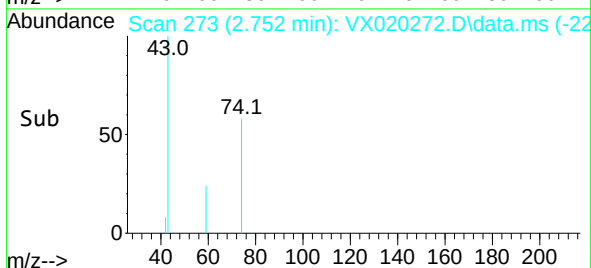
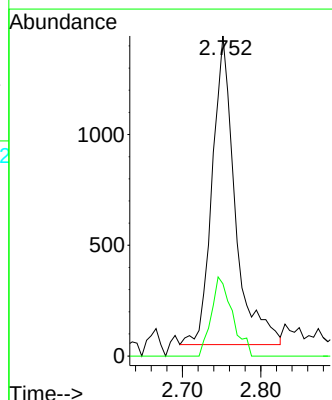
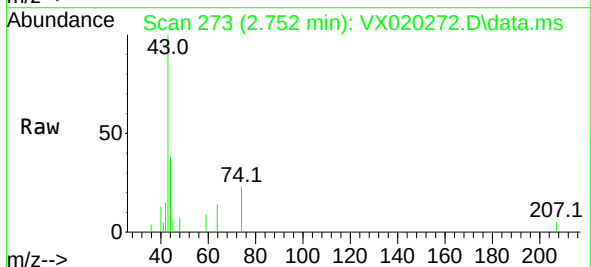
Instrument :
MSVOA_X
ClientSampled :

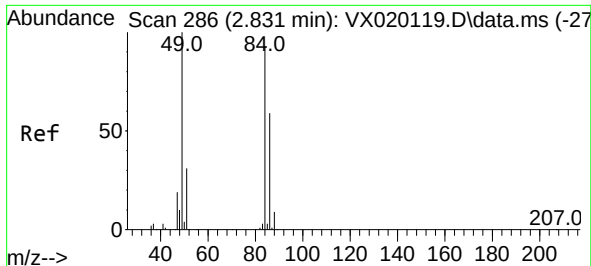
Tgt Ion: 43 Resp: 18063
Ion Ratio Lower Upper
43 100
58 36.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.79 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

Tgt Ion: 43 Resp: 2830
Ion Ratio Lower Upper
43 100
74 23.4 21.9 32.9





#20

Methylene Chloride

Concen: 2.85 ug/l

RT: 2.831 min Scan# 286

Delta R.T. -0.000 min

Lab File: VX020272.D

Acq: 22 Dec 2020 00:36

Tgt Ion: 84 Resp: 10391

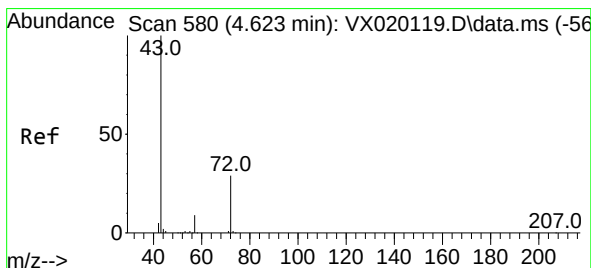
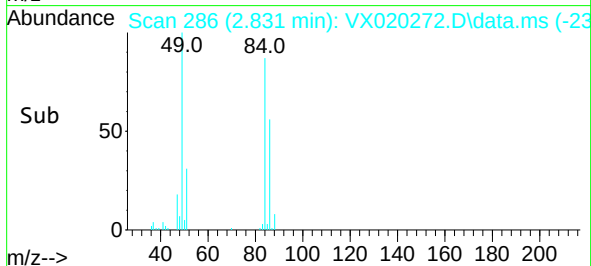
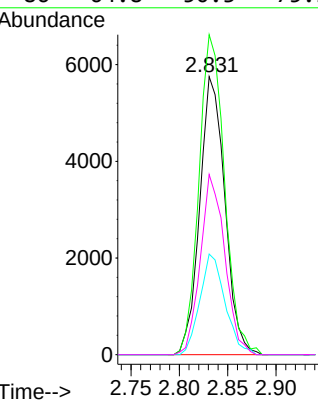
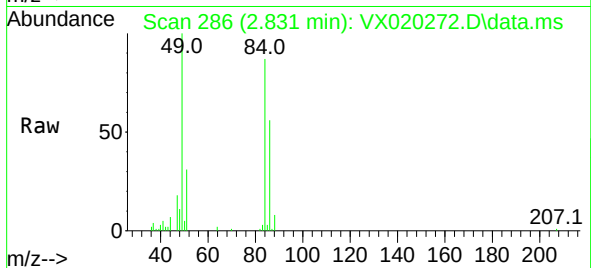
Ion Ratio Lower Upper

84 100

49 115.1 88.6 132.8

51 36.2 27.0 40.6

86 64.8 50.3 75.5



#25

2-Butanone

Concen: 3.10 ug/l

RT: 4.635 min Scan# 582

Delta R.T. 0.012 min

Lab File: VX020272.D

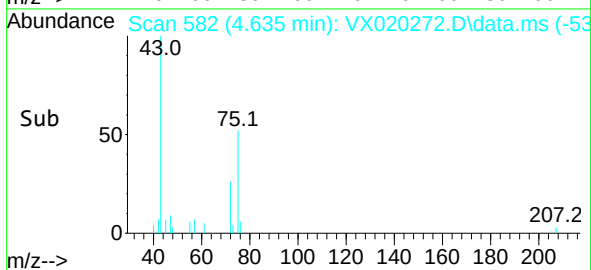
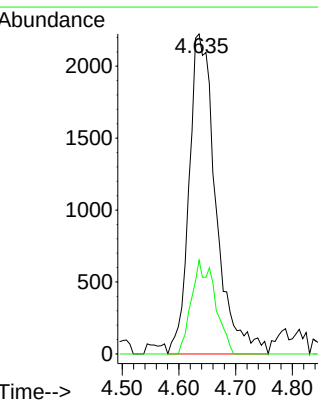
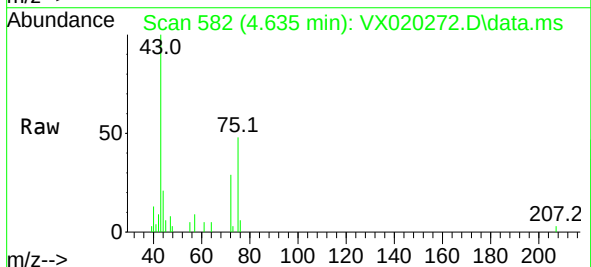
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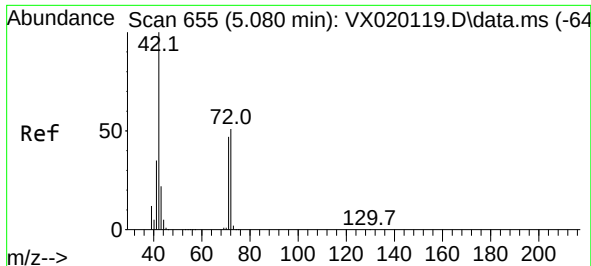
Tgt Ion: 43 Resp: 7287

Ion Ratio Lower Upper

43 100

72 29.3 23.7 35.5





#29

Tetrahydrofuran

Concen: 0.69 ug/l

RT: 5.099 min Scan# 658

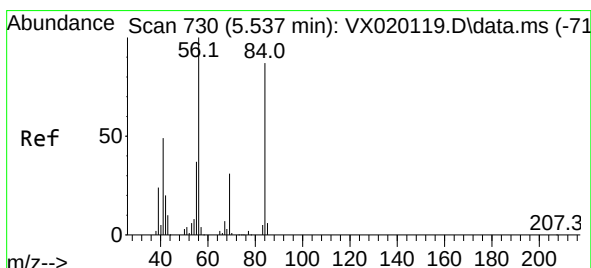
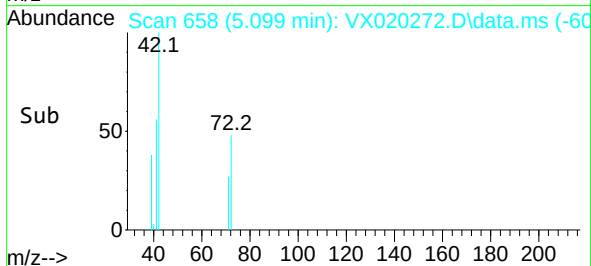
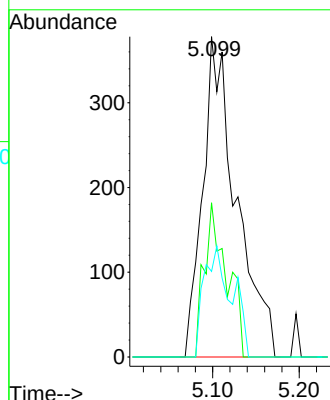
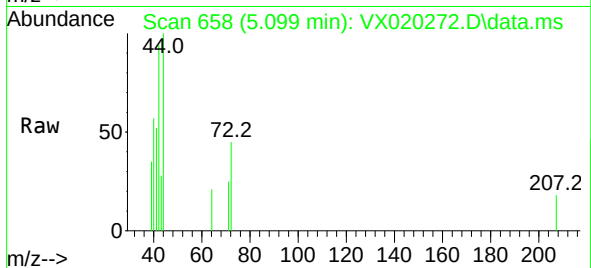
Delta R.T. 0.019 min

Lab File: VX020272.D

Acq: 22 Dec 2020 00:36

Tgt Ion:	42	Resp:	1015
Ion	Ratio	Lower	Upper
42	100		
72	32.6	41.7	62.5#
71	28.6	38.4	57.6#

Instrument :
MSVOA_X
ClientSampleId :



#31

Cyclohexane

Concen: 1.10 ug/l

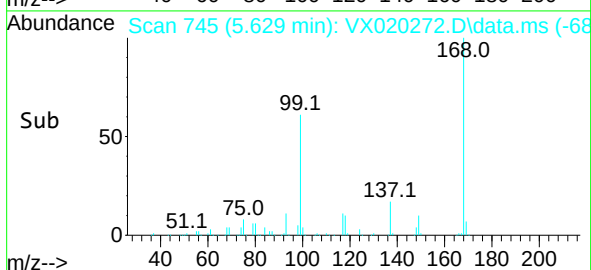
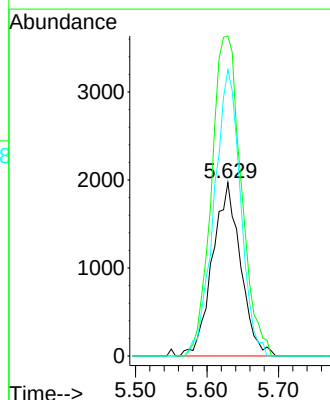
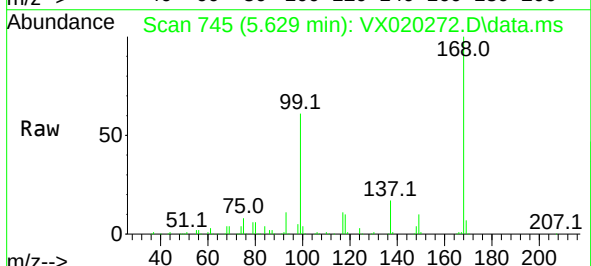
RT: 5.629 min Scan# 745

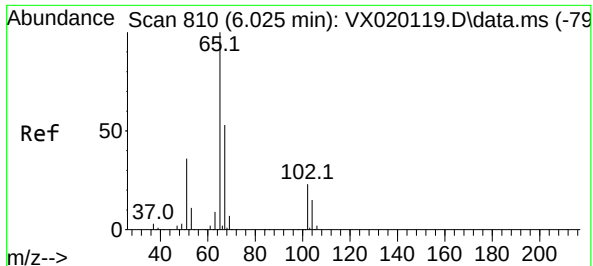
Delta R.T. 0.092 min

Lab File: VX020272.D

Acq: 22 Dec 2020 00:36

Tgt Ion:	56	Resp:	5378
Ion	Ratio	Lower	Upper
56	100		
69	184.5	25.3	37.9#
84	165.2	71.4	107.0#

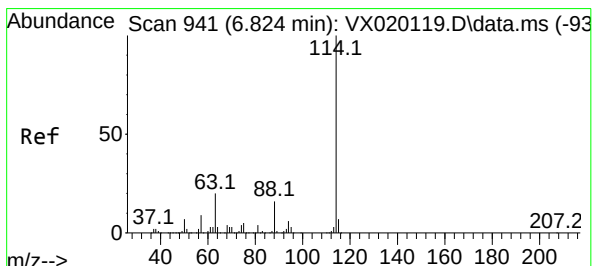
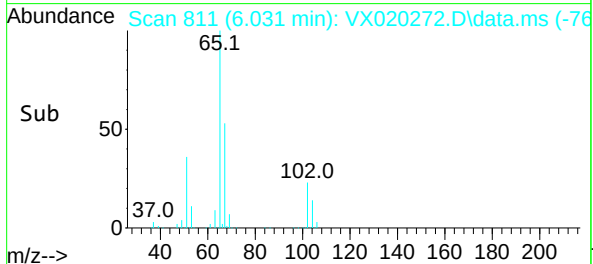
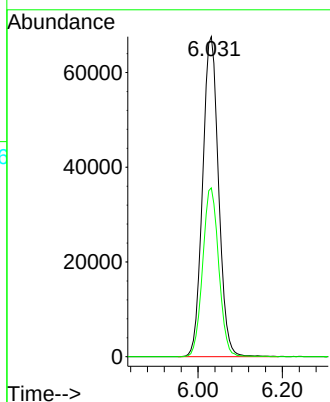
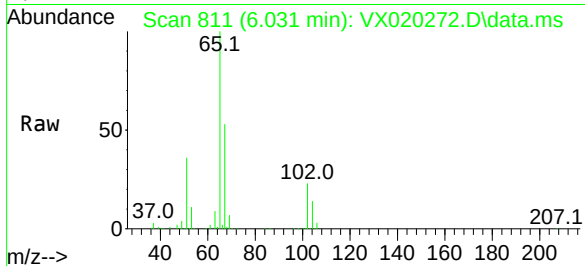




#33
1,2-Dichloroethane-d4
Concen: 50.31 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

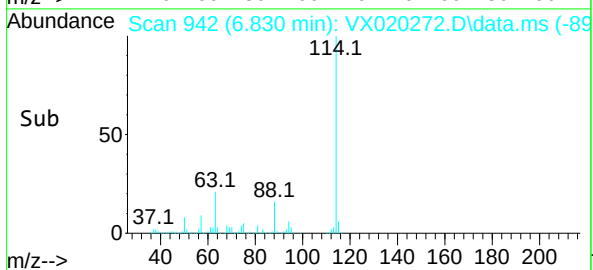
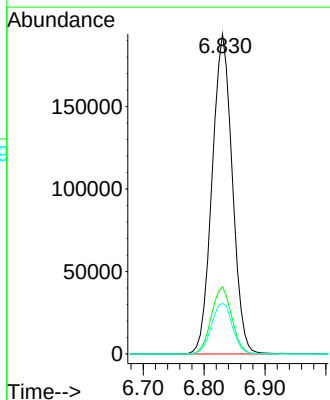
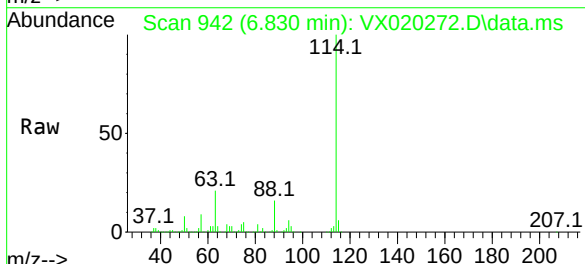
Instrument :
MSVOA_X
ClientSampleId :

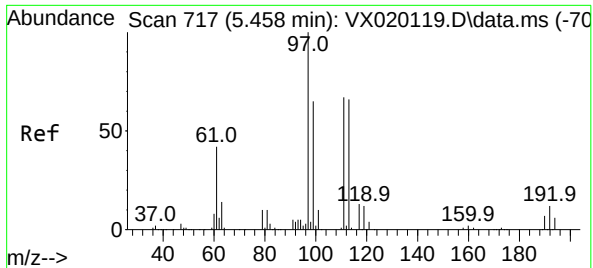
Tgt Ion: 65 Resp: 178275
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

Tgt Ion: 114 Resp: 446687
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 15.8 0.0 32.8

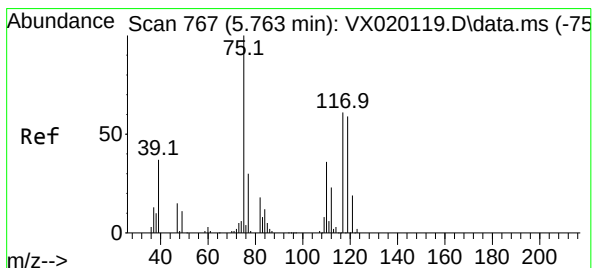
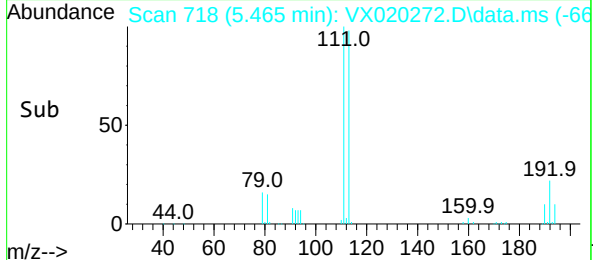
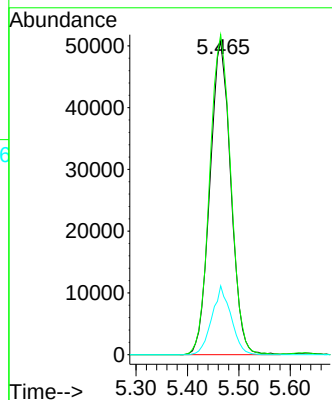
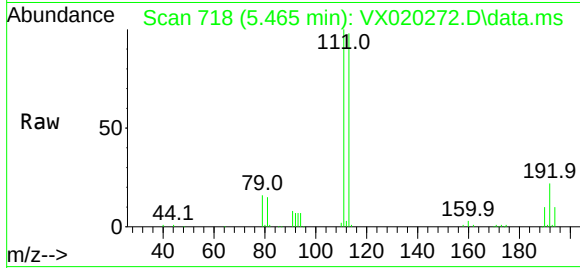




#35
Dibromofluoromethane
Concen: 49.94 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

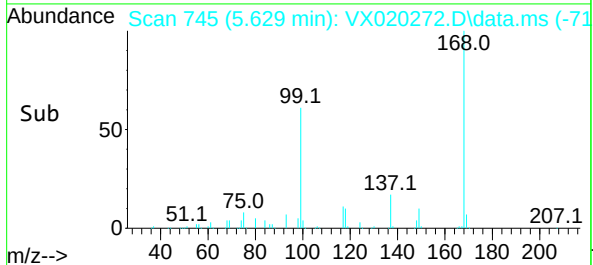
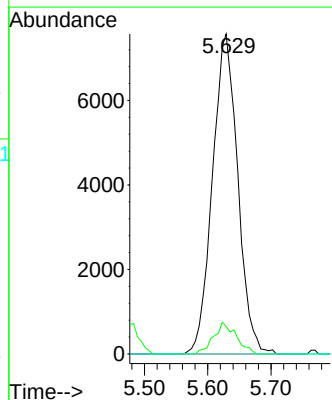
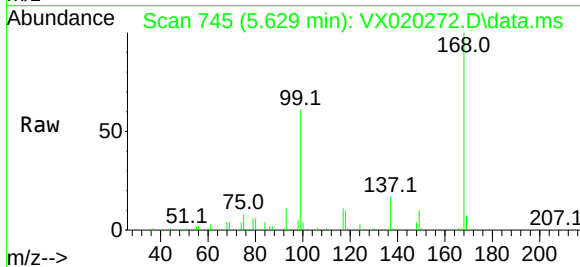
Instrument :
MSVOA_X
ClientSampleId :

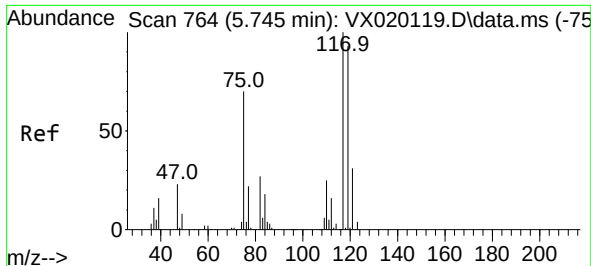
Tgt Ion:113 Resp: 142698
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 20.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

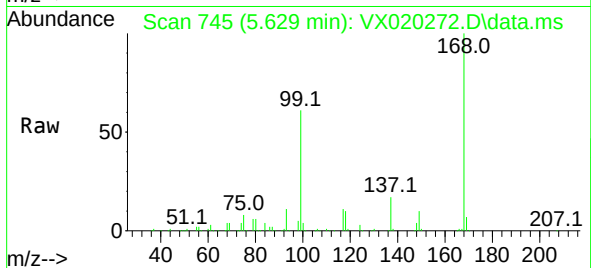
Tgt Ion: 75 Resp: 21012
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



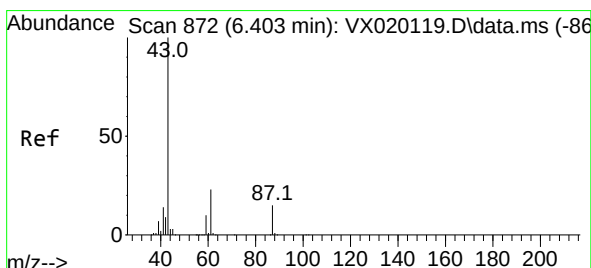
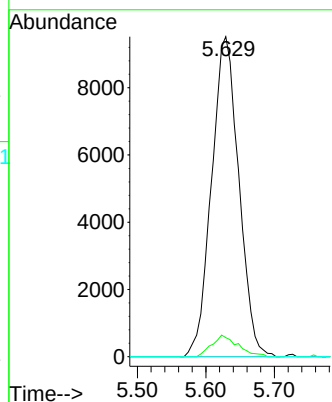
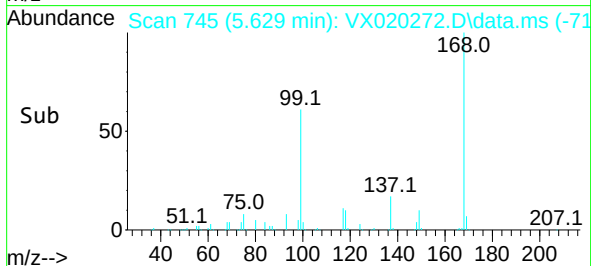


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

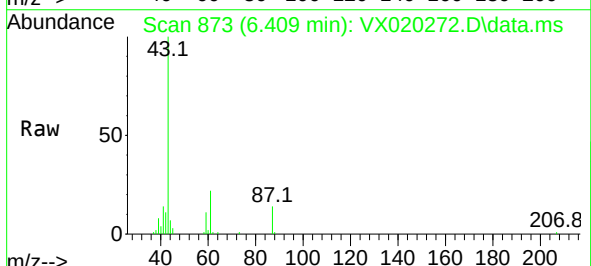
Instrument :
MSVOA_X
ClientSampleId :



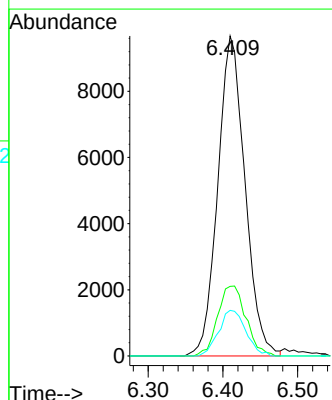
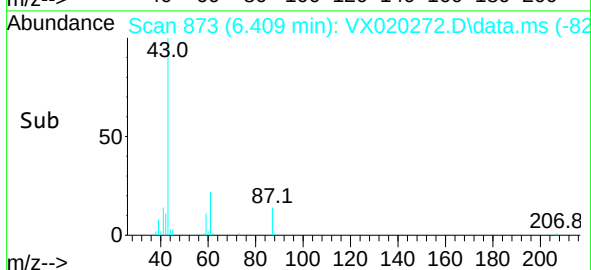
Tgt Ion:117 Resp: 26297
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

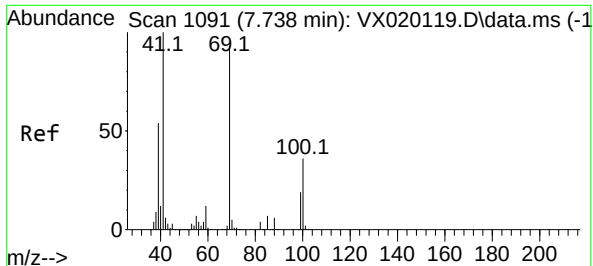


#43
Isopropyl Acetate
Concen: 3.38 ug/l
RT: 6.409 min Scan# 873
Delta R.T. 0.006 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36



Tgt Ion: 43 Resp: 24470
Ion Ratio Lower Upper
43 100
61 22.8 18.2 27.4
87 14.3 12.5 18.7

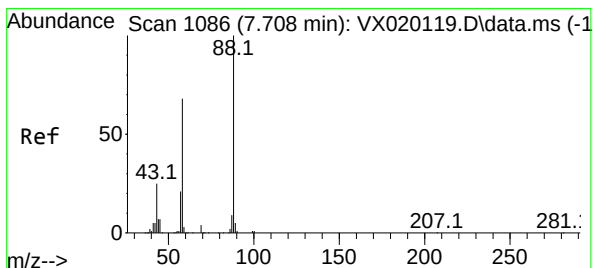
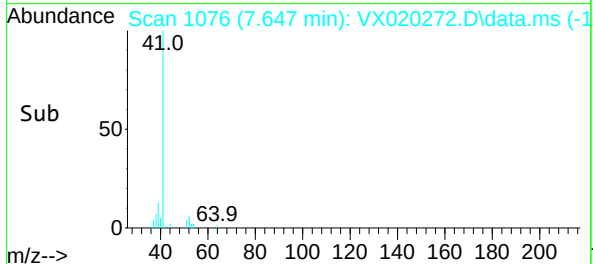
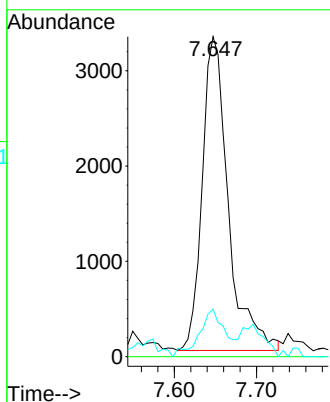
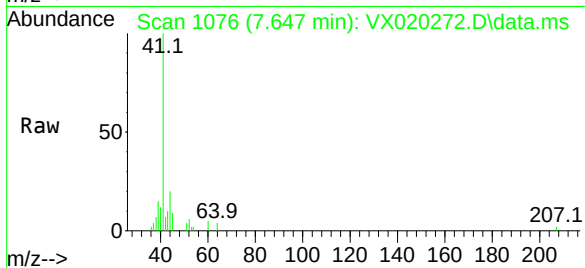




#48
Methyl methacrylate
Concen: 2.04 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.091 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

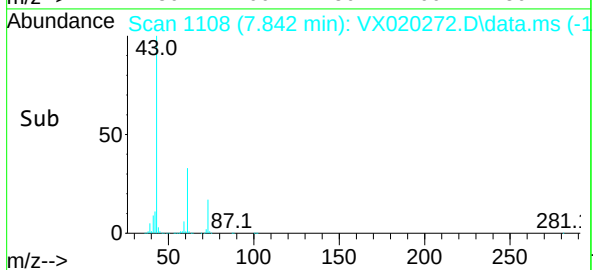
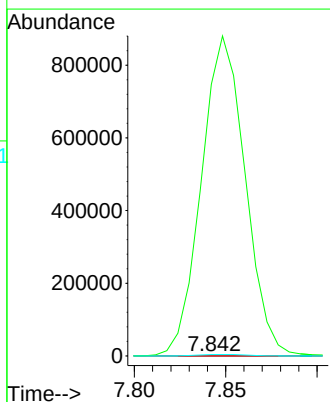
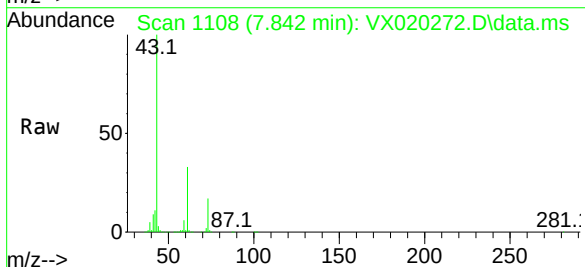
Instrument :
MSVOA_X
ClientSampled :

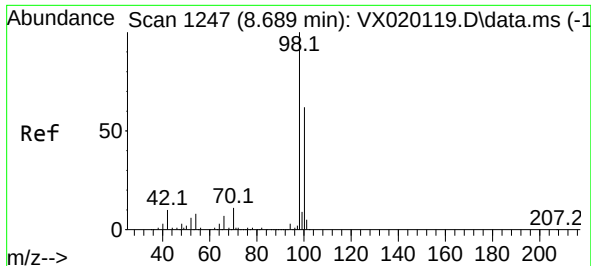
Tgt Ion: 41 Resp: 7245
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.27 ug/l
RT: 7.842 min Scan# 1108
Delta R.T. 0.134 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

Tgt Ion: 88 Resp: 272
Ion Ratio Lower Upper
88 100
43 543719.5 23.2 34.8#
58 2953.3 55.0 82.4#

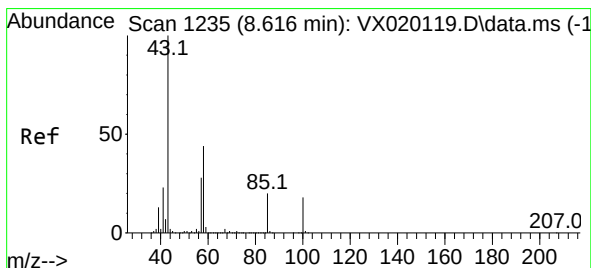
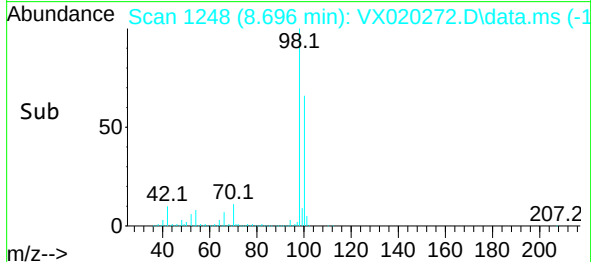
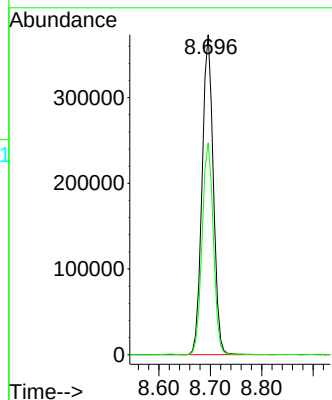
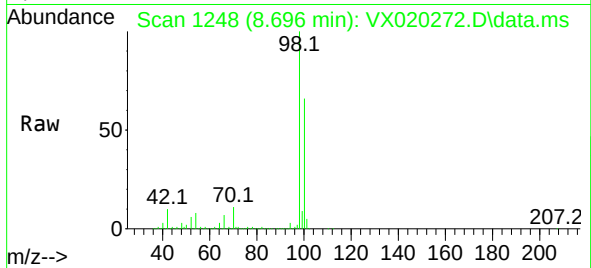




#50
Toluene-d8
Concen: 51.32 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

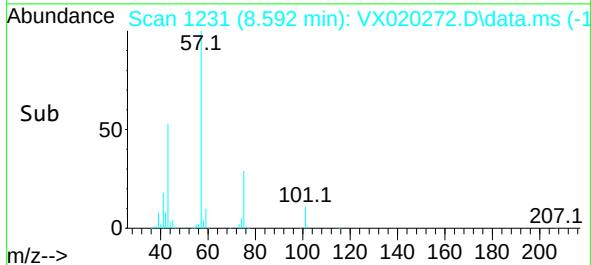
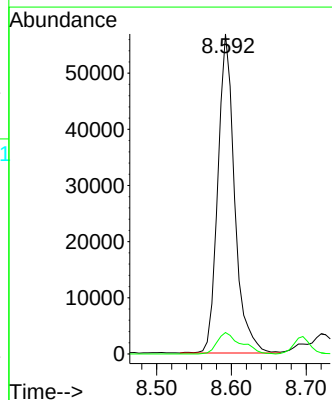
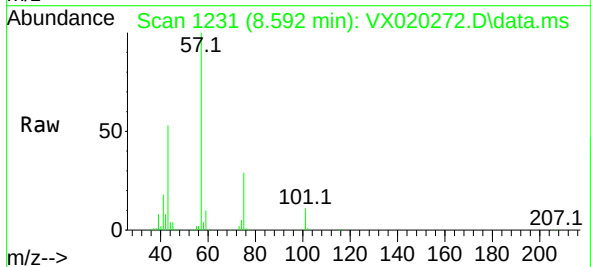
Instrument :
MSVOA_X
ClientSampleId :

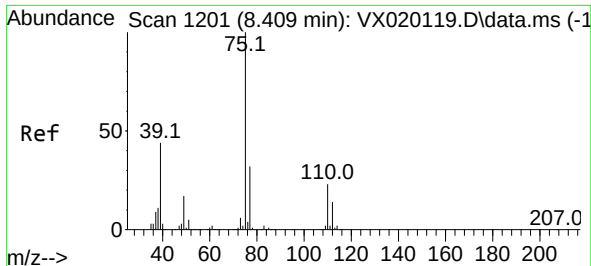
Tgt Ion: 98 Resp: 564521
Ion Ratio Lower Upper
98 100
100 66.6 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 19.77 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. -0.024 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

Tgt Ion: 43 Resp: 88629
Ion Ratio Lower Upper
43 100
58 9.5 35.4 53.0#

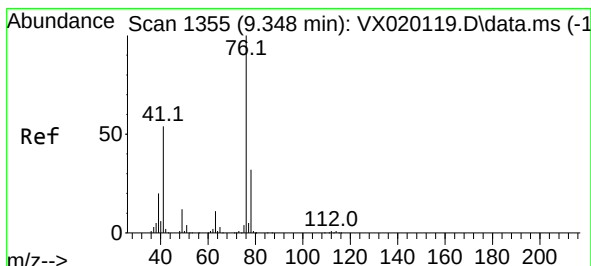
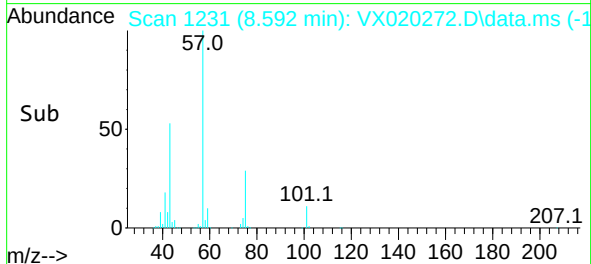
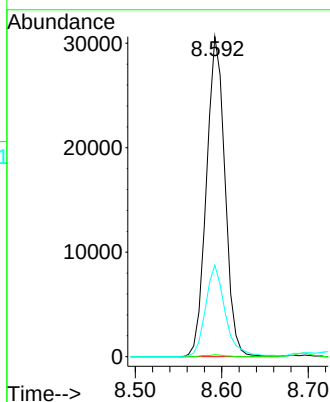
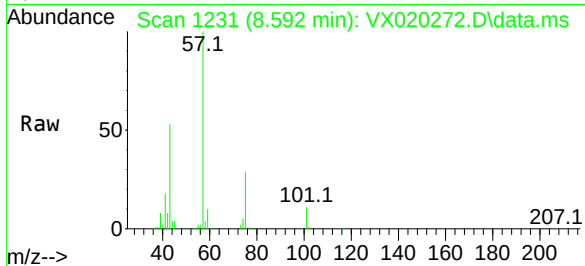




#54
cis-1,3-Dichloropropene
Concen: 8.33 ug/l
RT: 8.592 min Scan# 1231
Delta R.T. 0.183 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

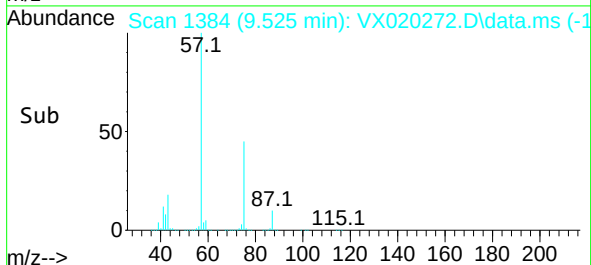
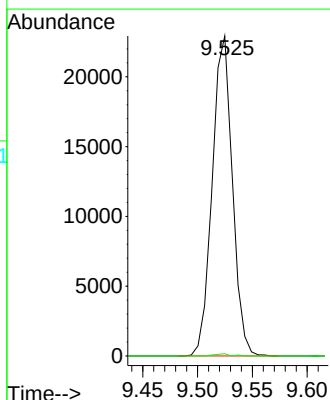
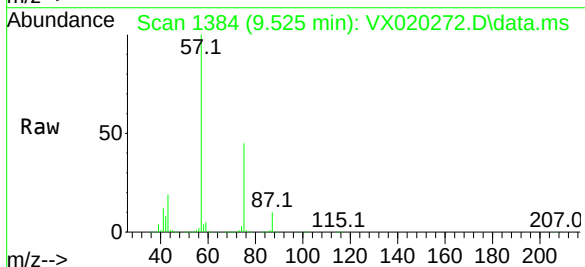
Instrument :
MSVOA_X
ClientSampled :

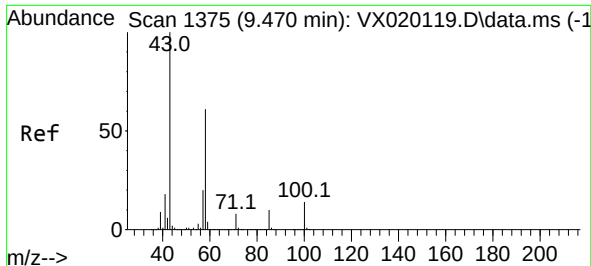
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.6	25.7	38.5#
39	28.6	35.1	52.7#



#57
1,3-Dichloropropane
Concen: 4.99 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.177 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

Tgt Ion	Ratio	Lower	Upper
76	100		
78	0.5	26.2	39.2#

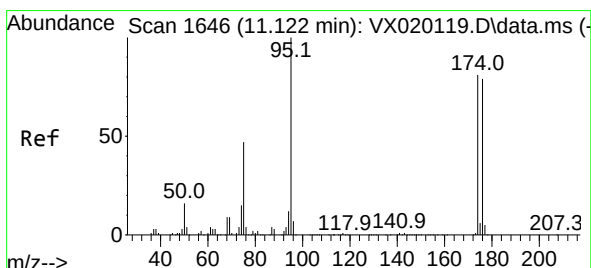
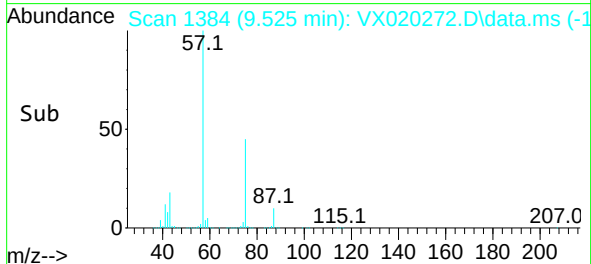
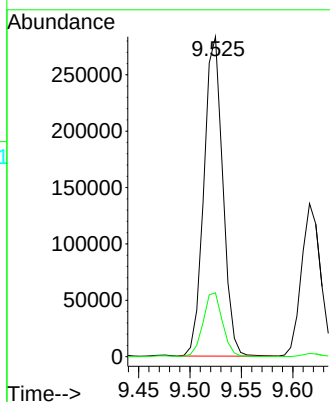
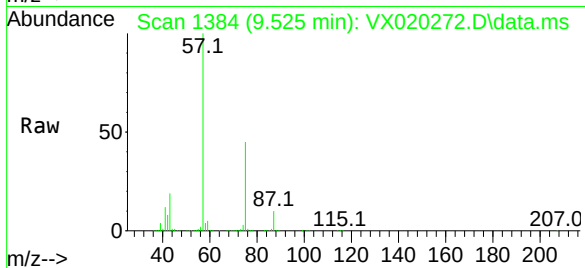




#59
2-Hexanone
Concen: 106.19 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.055 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

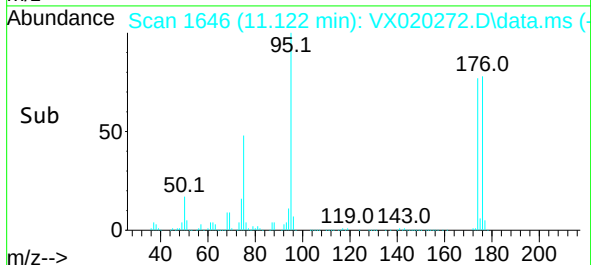
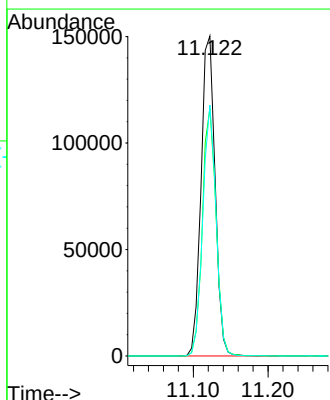
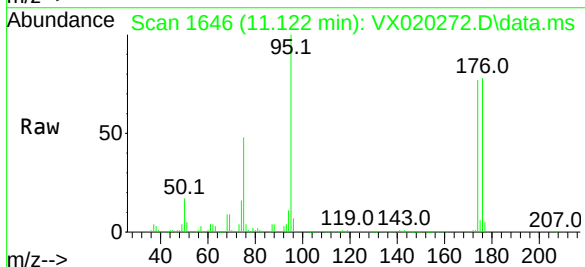
Instrument :
MSVOA_X
ClientSampled :

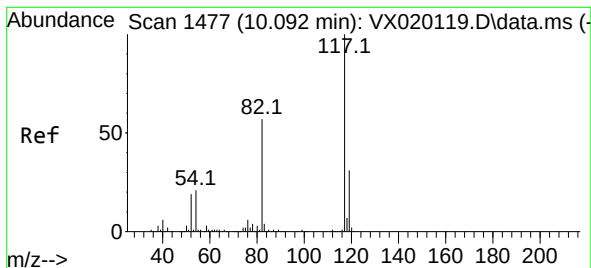
Tgt Ion: 43 Resp: 362860
Ion Ratio Lower Upper
43 100
58 20.6 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 46.53 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

Tgt Ion: 95 Resp: 195868
Ion Ratio Lower Upper
95 100
174 75.4 0.0 154.6
176 74.5 0.0 155.8

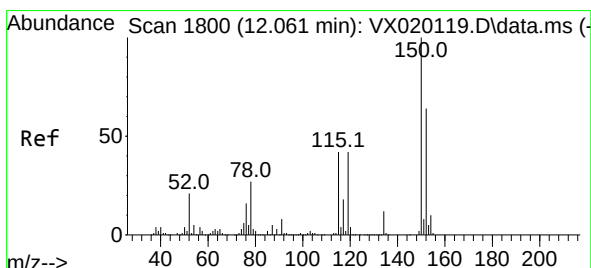
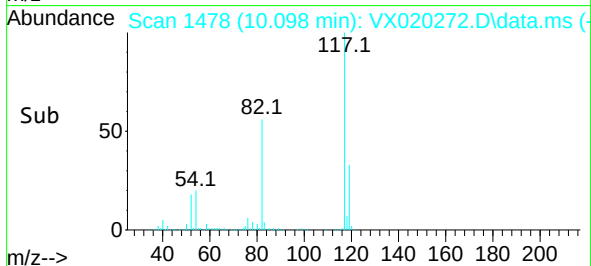
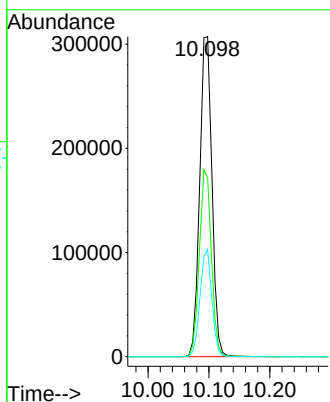
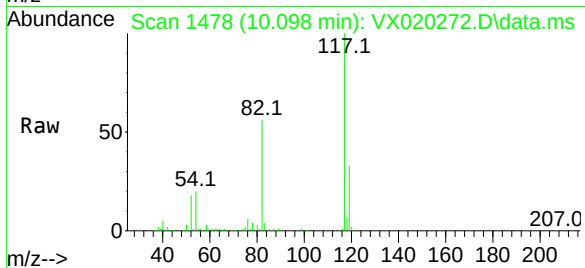




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

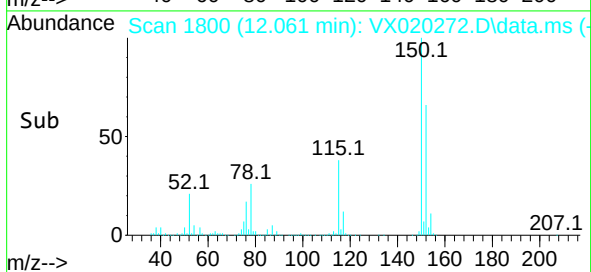
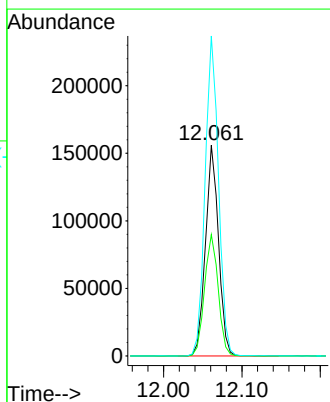
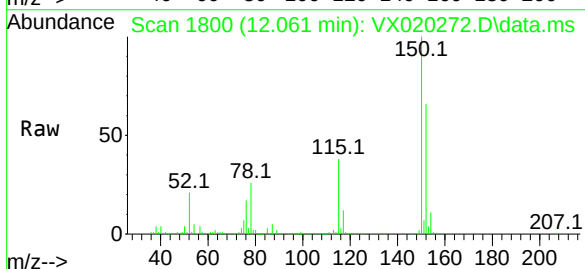
Instrument :
MSVOA_X
ClientSampleId :

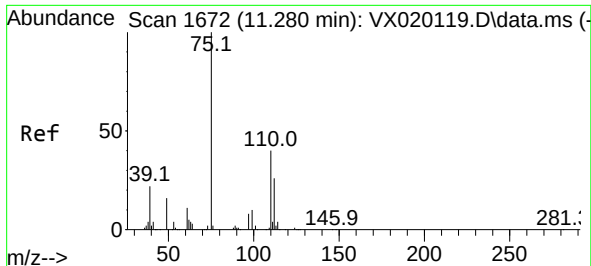
Tgt Ion:117 Resp: 429072
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 33.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

Tgt Ion:152 Resp: 179889
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 155.7 0.0 349.0

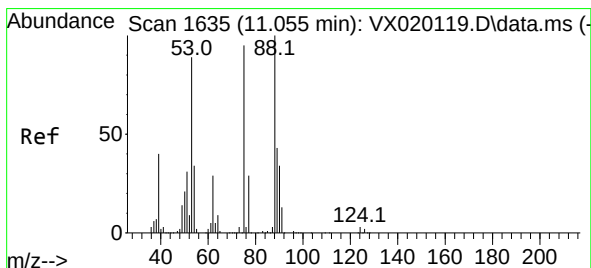
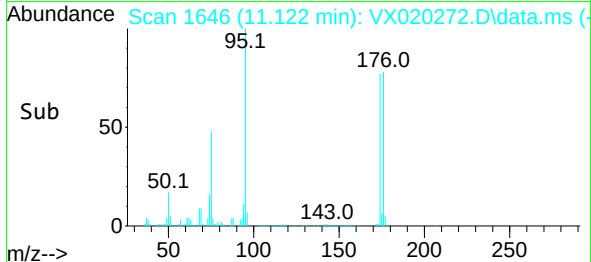
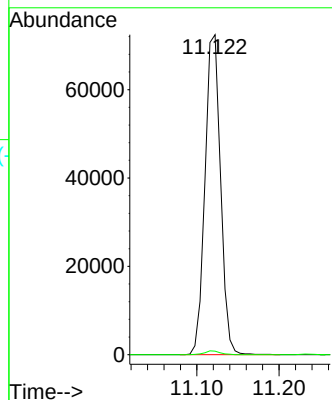
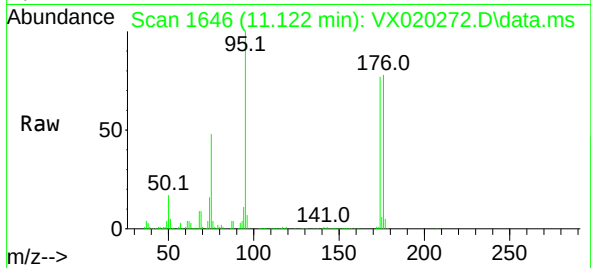




#76
1,2,3-Trichloropropane
Concen: 21.50 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 95270
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.79 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020272.D
Acq: 22 Dec 2020 00:36

Tgt Ion: 75 Resp: 95270
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

