

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122220\
 Data File : VX020299.D
 Acq On : 22 Dec 2020 13:33
 Operator : JC/MD
 Sample : L5146-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-PZ002(SOB)-121620

Quant Time: Dec 23 00:29:58 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)

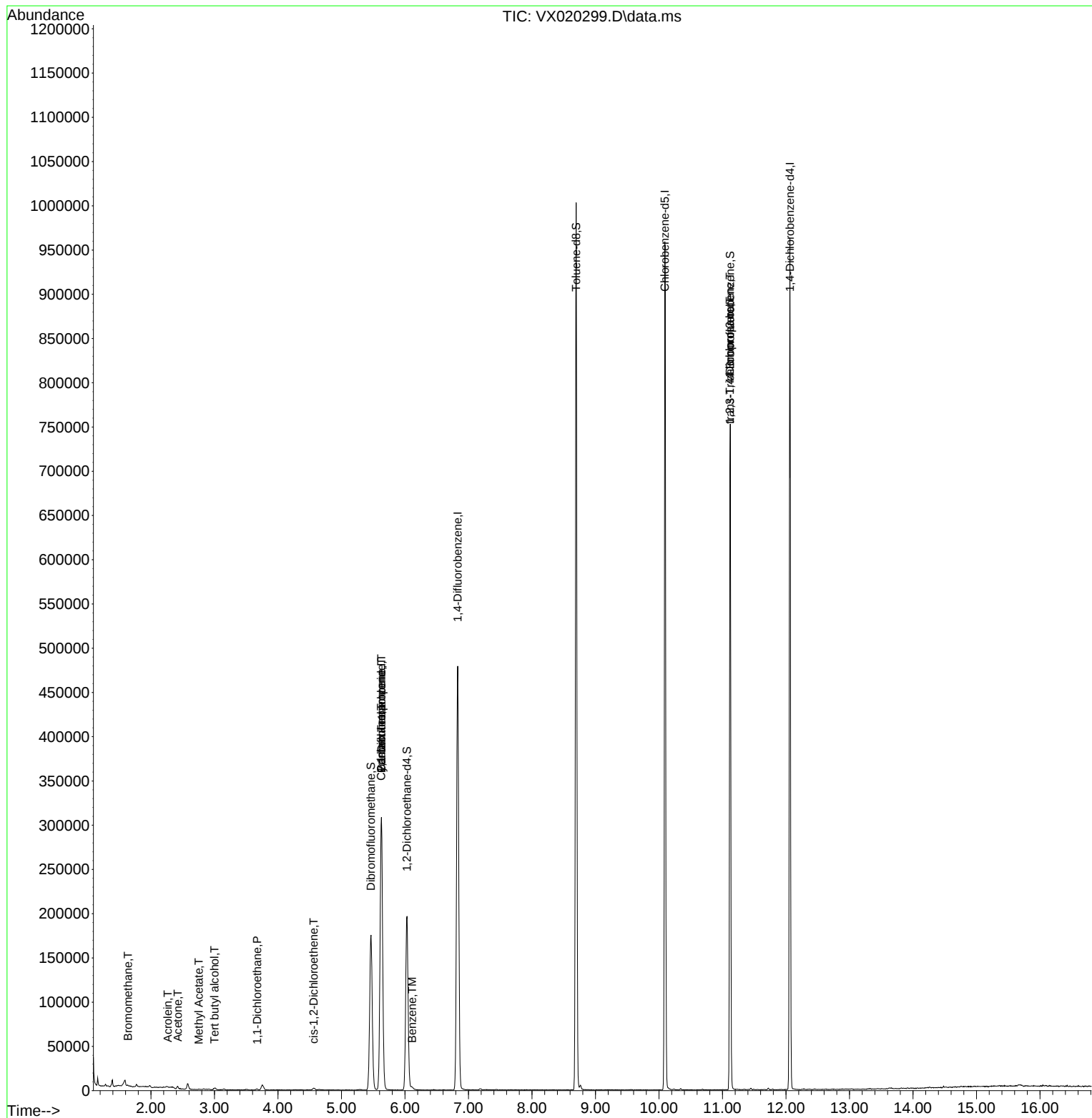
Internal Standards						
1) Pentafluorobenzene	5.629	168	295405	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	494389	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	443426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	196001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	189146	47.77	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.54%
35) Dibromofluoromethane	5.465	113	152469	48.21	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.42%
50) Toluene-d8	8.696	98	590408	48.50	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.00%
62) 4-Bromofluorobenzene	11.122	95	211643	45.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.84%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	513	0.40	ug/l #	63
11) Tert butyl alcohol	3.002	59	1102	1.24	ug/l #	73
13) Acrolein	2.264	56	138	0.25	ug/l #	1
16) Acetone	2.422	43	3510	1.94	ug/l	99
18) Methyl Acetate	2.752	43	909	0.23	ug/l #	66
24) 1,1-Dichloroethane	3.672	63	1546	0.24	ug/l #	81
27) cis-1,2-Dichloroethene	4.562	96	1364	0.33	ug/l	99
31) Cyclohexane	5.623	56	5712	1.05	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22723	4.65	ug/l #	49
38) Carbon Tetrachloride	5.629	117	29903	6.43	ug/l #	16
40) Benzene	6.111	78	3263	0.21	ug/l	98
76) 1,2,3-Trichloropropane	11.116	75	103455	21.43	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	103455	63.57	ug/l #	12

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

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49-PZ002(SOB)-121620

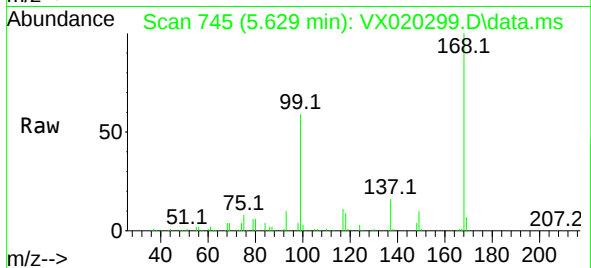
Quant Time: Dec 23 00:29:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
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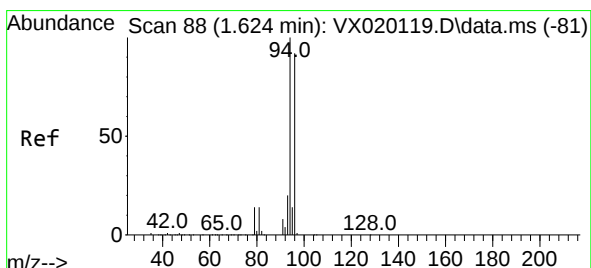
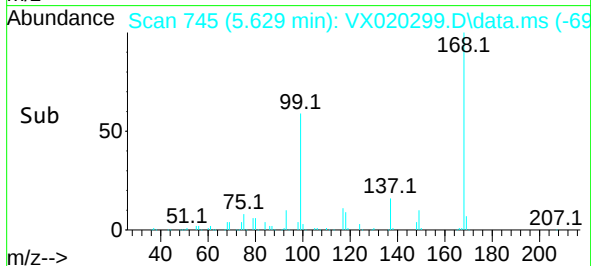
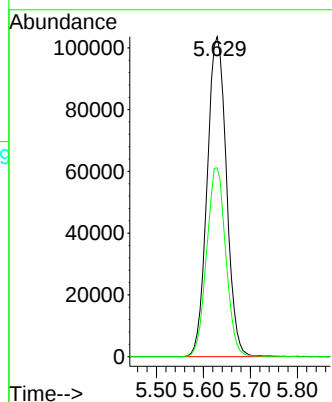


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(SOB)-121620

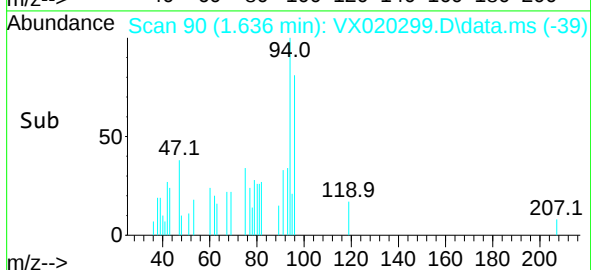
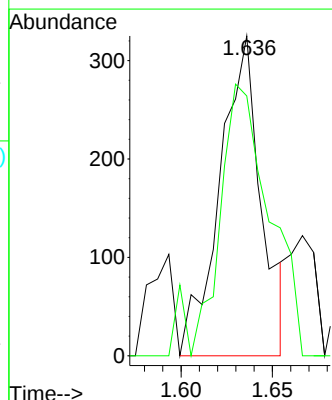
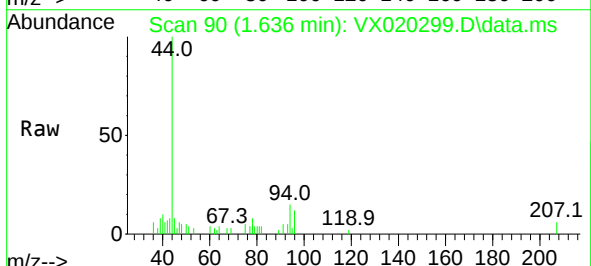


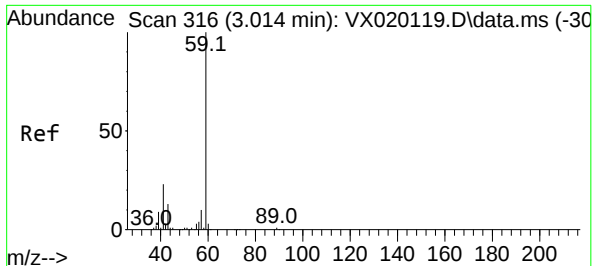
Tgt Ion:168 Resp: 295405
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#5
Bromomethane
Concen: 0.40 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

Tgt Ion: 94 Resp: 513
Ion Ratio Lower Upper
94 100
96 59.1 76.4 114.6#



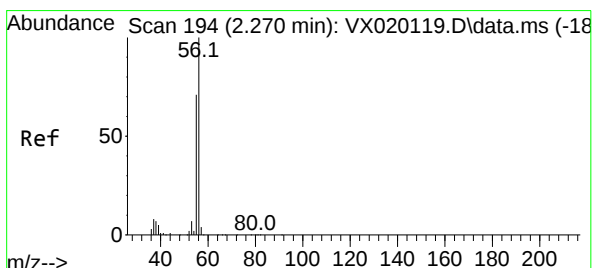
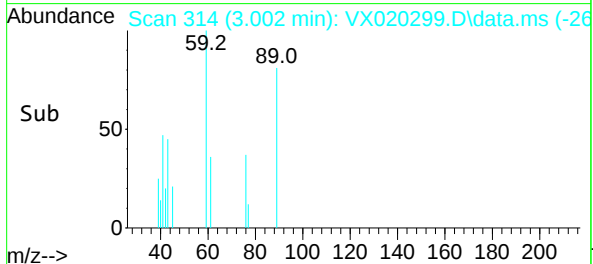
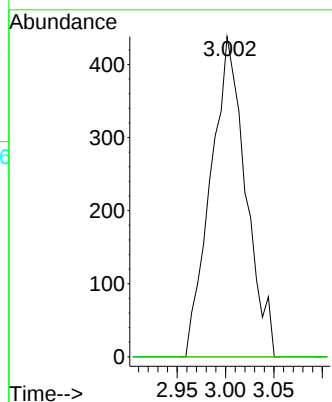
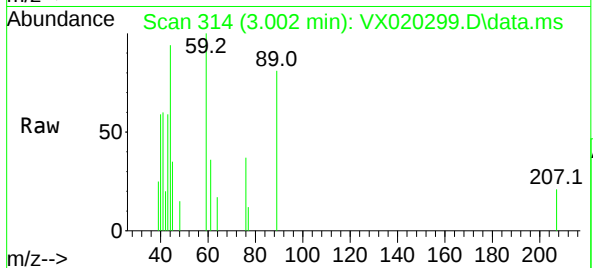


#11

Tert butyl alcohol
Concen: 1.24 ug/l
RT: 3.002 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(SOB)-121620

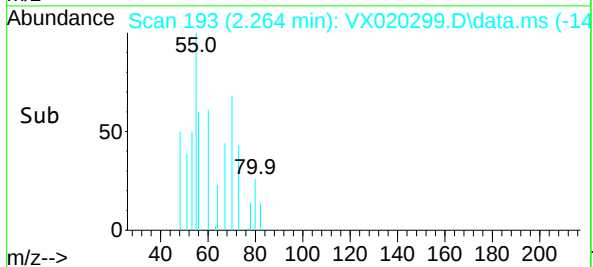
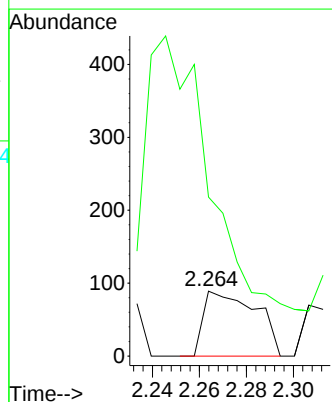
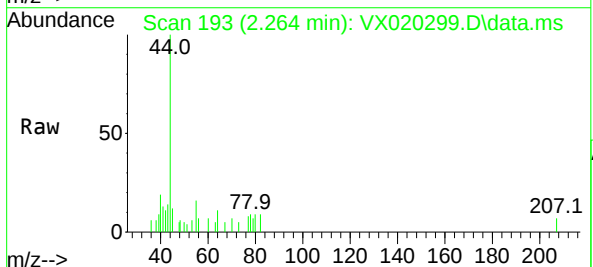
Tgt Ion: 59 Resp: 1102
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13

Acrolein
Concen: 0.25 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

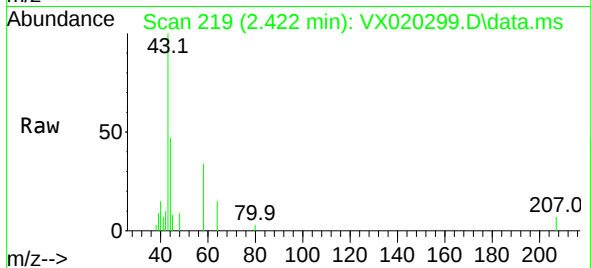
Tgt Ion: 56 Resp: 138
Ion Ratio Lower Upper
56 100
55 749.3 56.4 84.6#



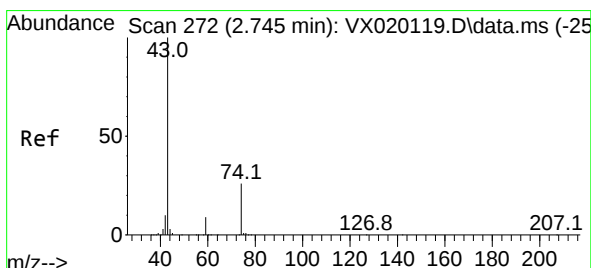
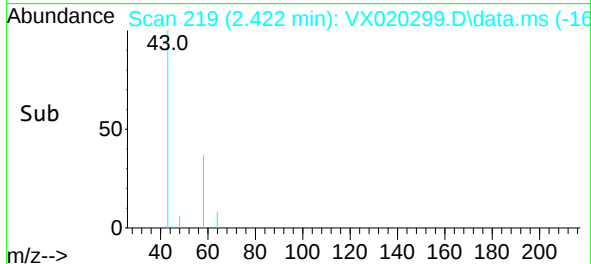
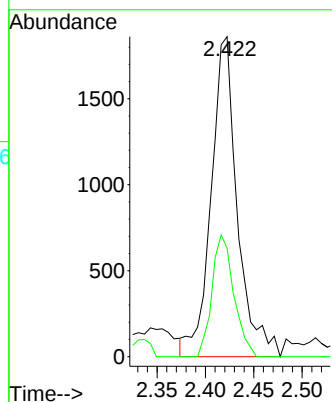


#16
Acetone
Concen: 1.94 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(SOB)-121620

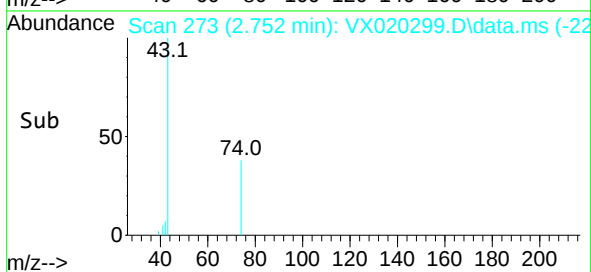
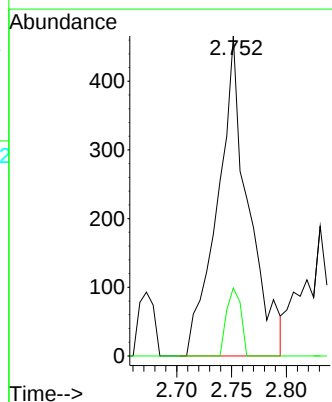
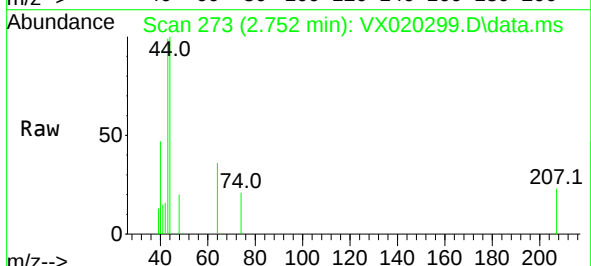


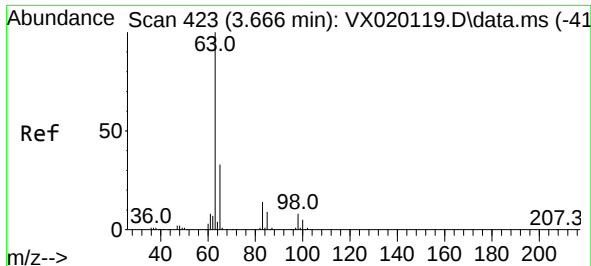
Tgt Ion: 43 Resp: 3510
Ion Ratio Lower Upper
43 100
58 34.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.23 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

Tgt Ion: 43 Resp: 909
Ion Ratio Lower Upper
43 100
74 9.8 21.9 32.9#

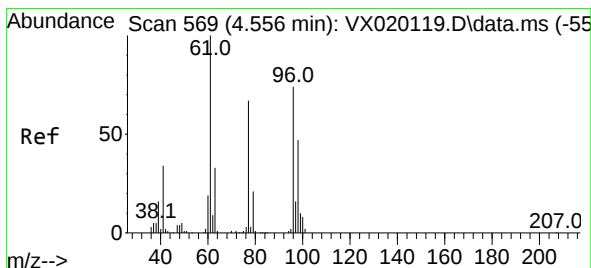
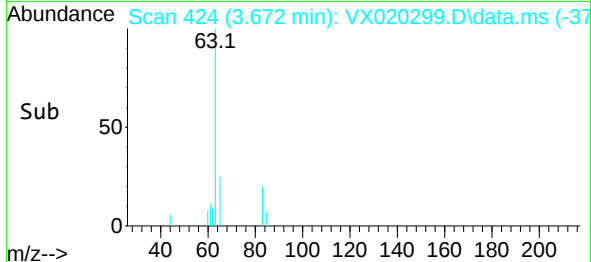
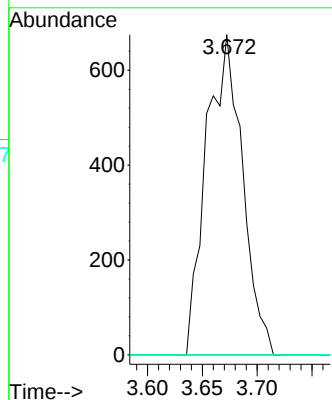
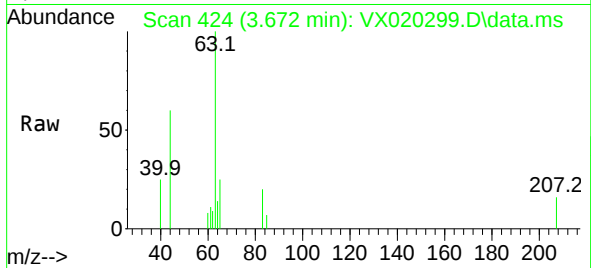




#24
1,1-Dichloroethane
Concen: 0.24 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

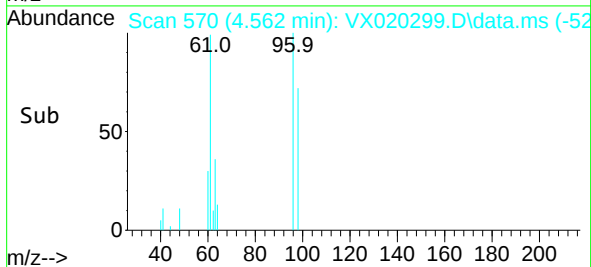
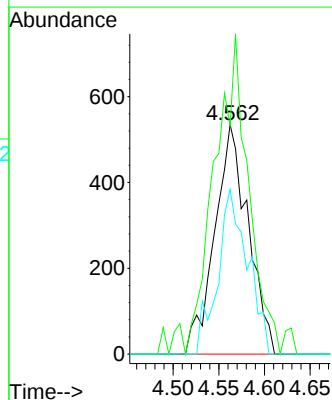
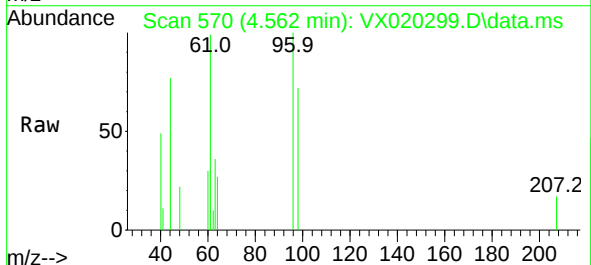
Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(SOB)-121620

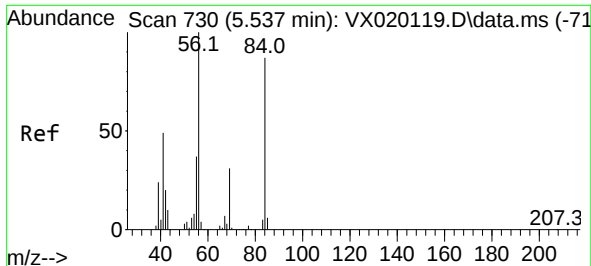
Tgt Ion: 63 Resp: 1546
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 0.33 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

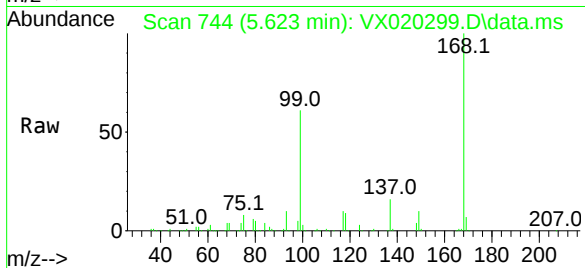
Tgt Ion: 96 Resp: 1364
Ion Ratio Lower Upper
96 100
61 140.8 0.0 285.6
98 64.3 0.0 129.6



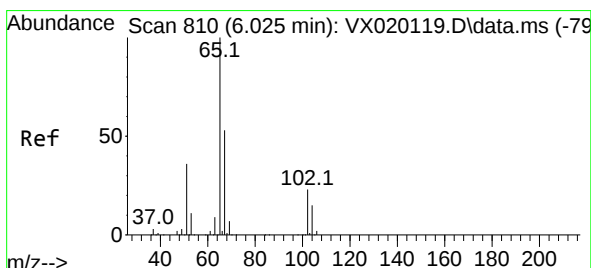
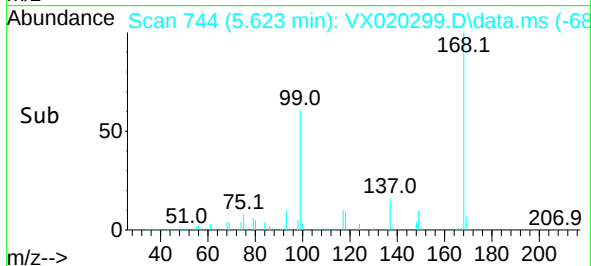
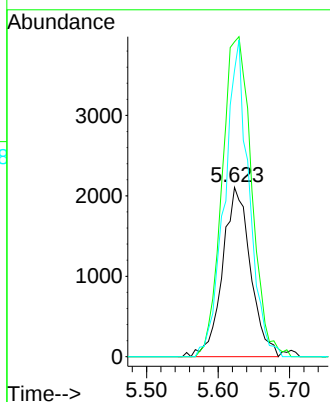


#31
Cyclohexane
Concen: 1.05 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(SOB)-121620

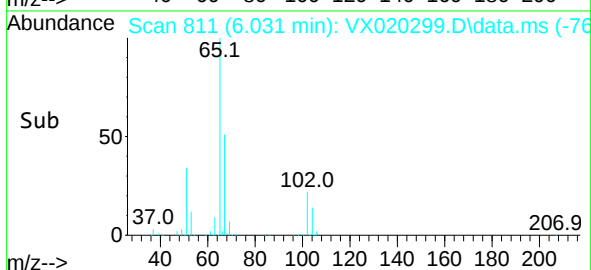
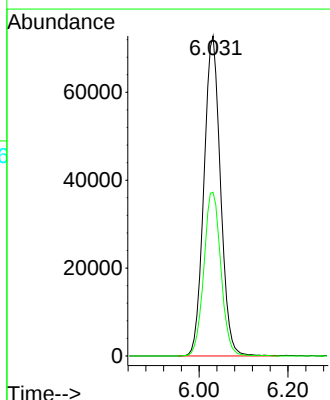
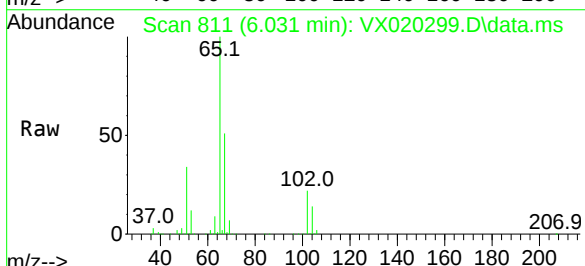


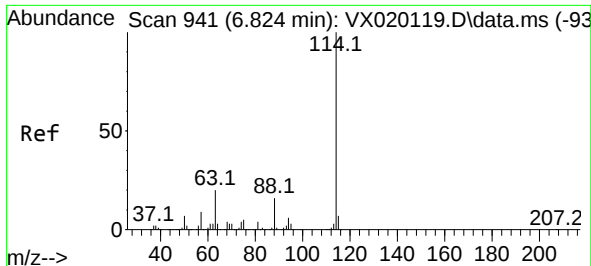
Tgt Ion: 56 Resp: 5712
Ion Ratio Lower Upper
56 100
69 185.9 25.3 37.9#
84 169.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.77 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

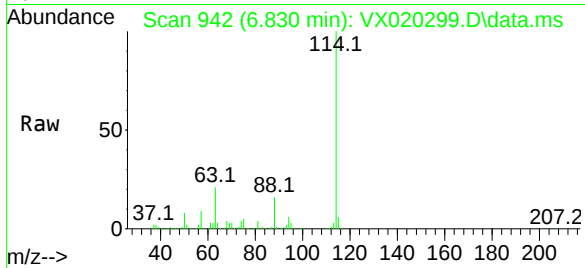
Tgt Ion: 65 Resp: 189146
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4



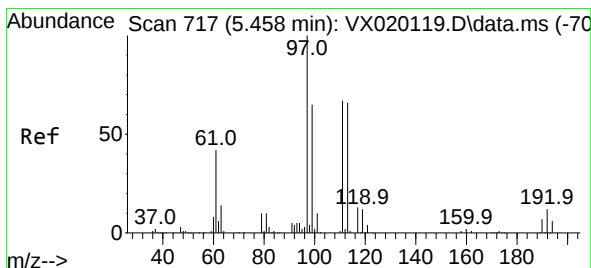
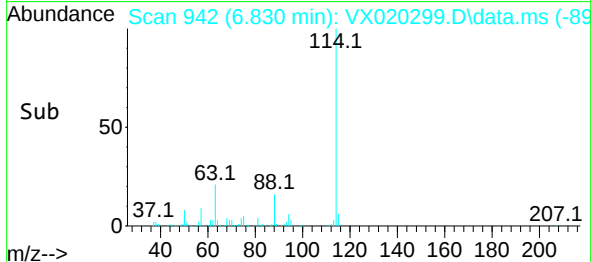
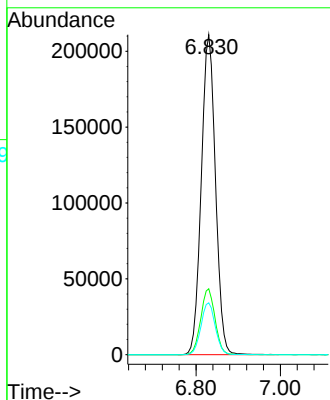


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

Instrument :
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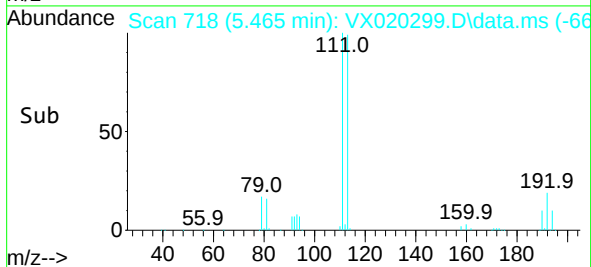
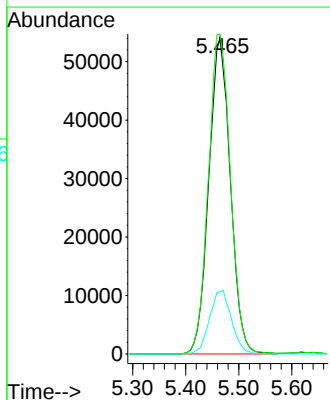
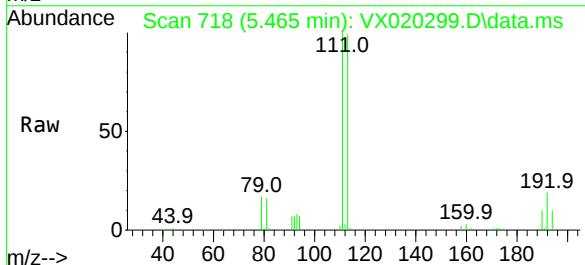


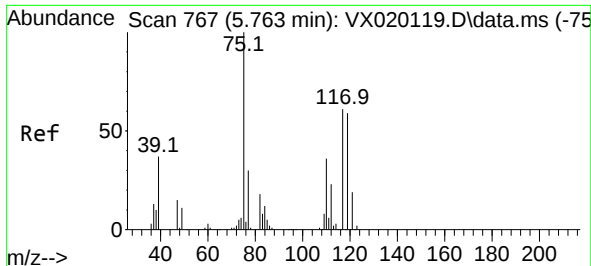
Tgt Ion:114 Resp: 494389
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.21 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

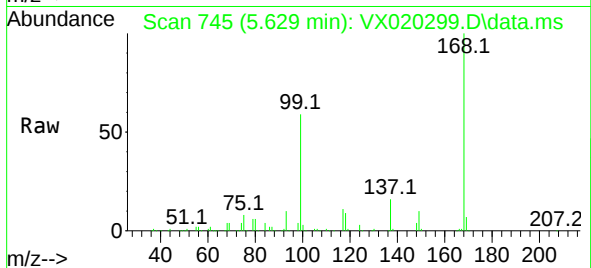
Tgt Ion:113 Resp: 152469
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 20.5 16.7 25.1



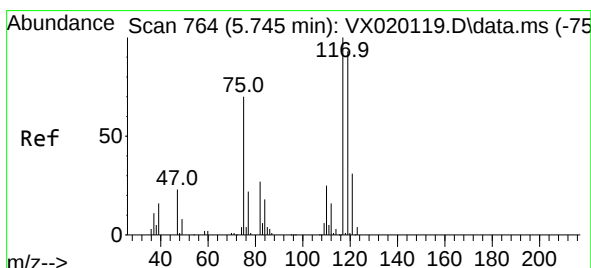
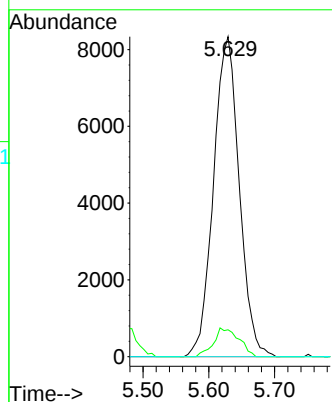
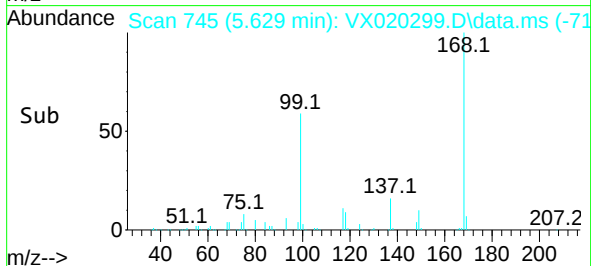


#36
1,1-Dichloropropene
Concen: 4.65 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

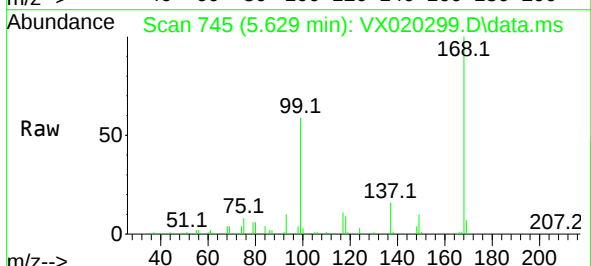
Instrument :
MSVOA_X
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49-PZ002(SOB)-121620



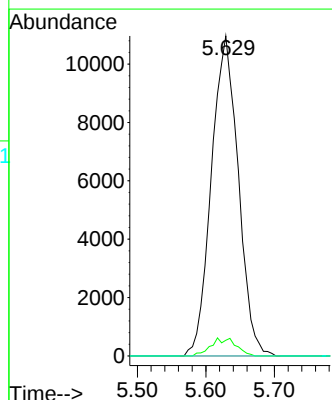
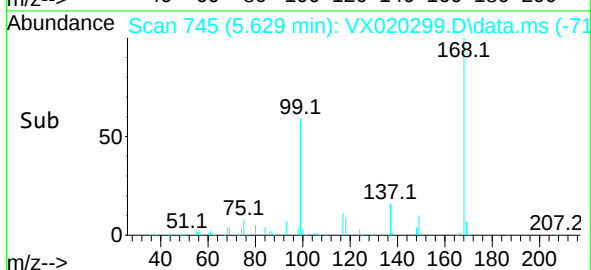
Tgt Ion: 75 Resp: 22723
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#

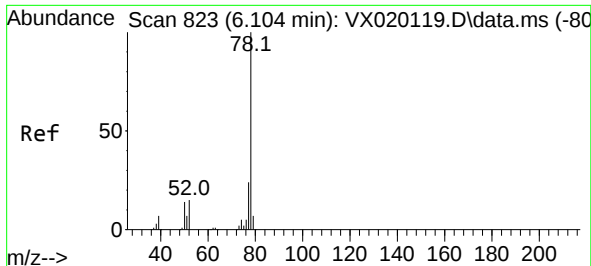


#38
Carbon Tetrachloride
Concen: 6.43 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33



Tgt Ion: 117 Resp: 29903
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

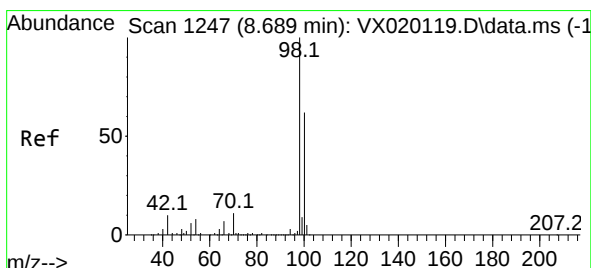
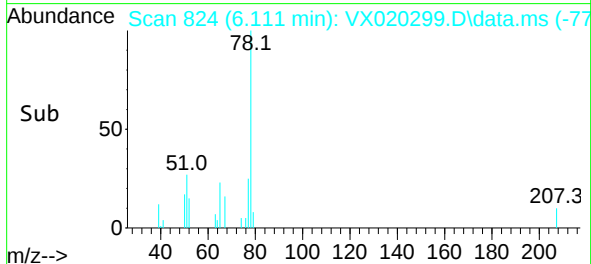
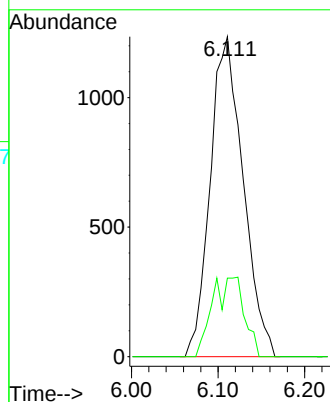
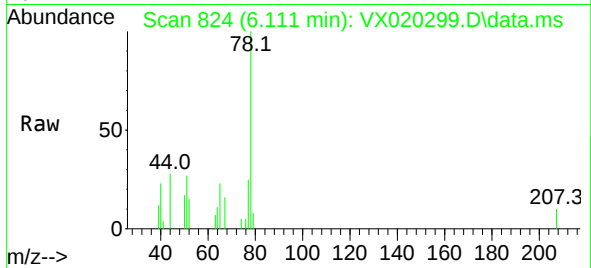




#40
Benzene
Concen: 0.21 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

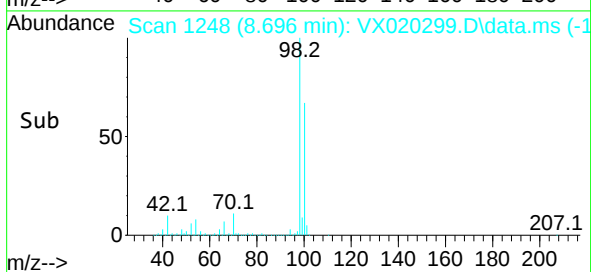
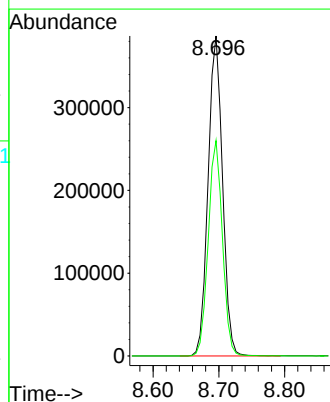
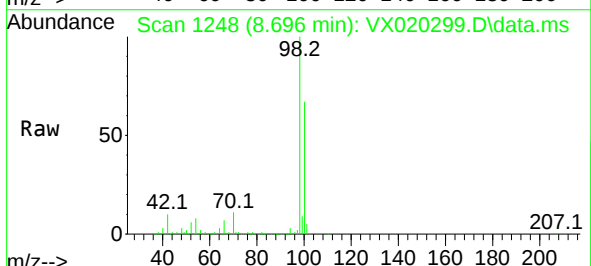
Instrument :
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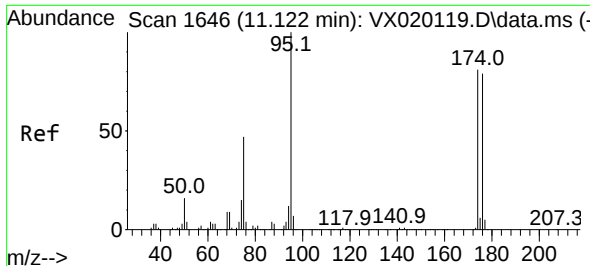
Tgt Ion: 78 Resp: 3263
Ion Ratio Lower Upper
78 100
77 24.5 18.9 28.3



#50
Toluene-d8
Concen: 48.50 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

Tgt Ion: 98 Resp: 590408
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

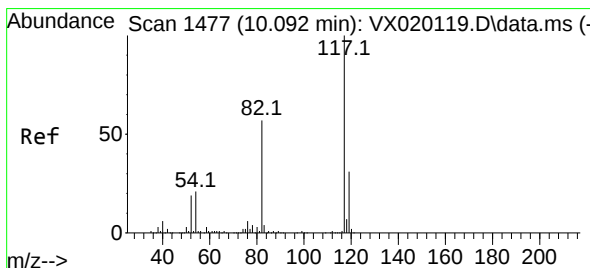
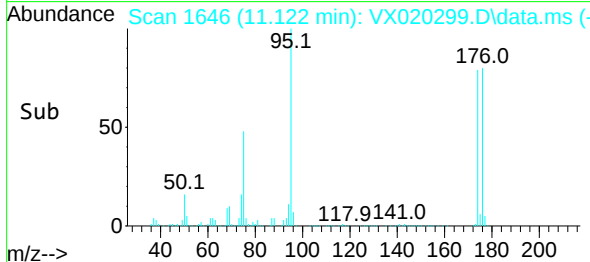
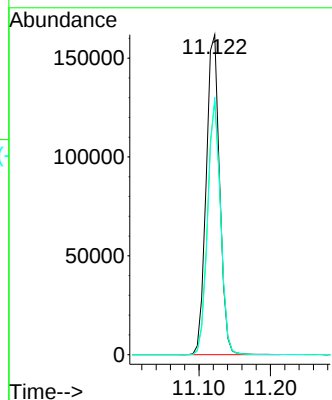
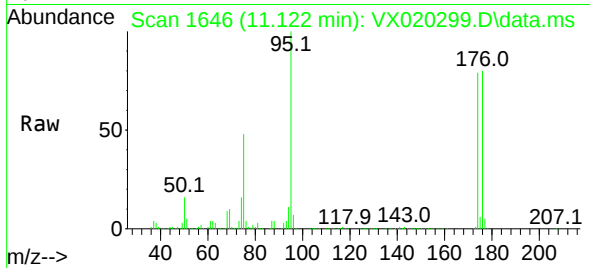




#62
4-Bromofluorobenzene
Concen: 45.42 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

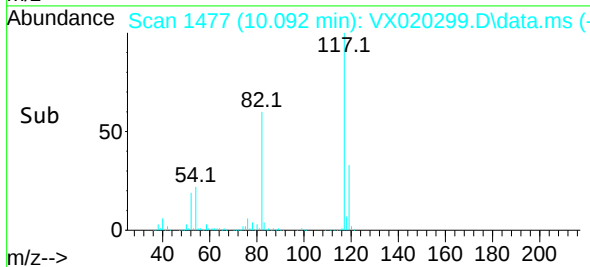
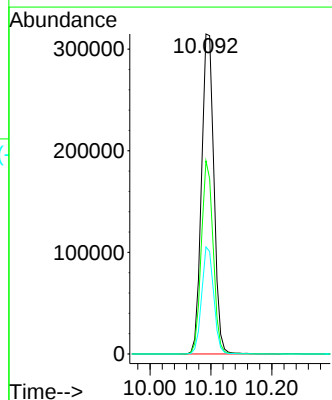
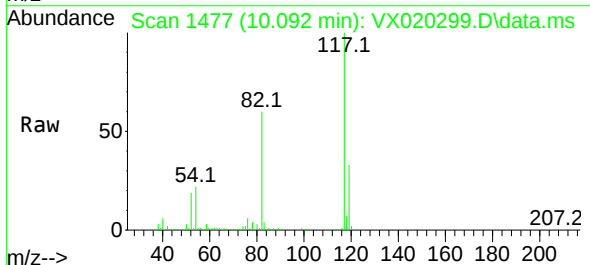
Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(SOB)-121620

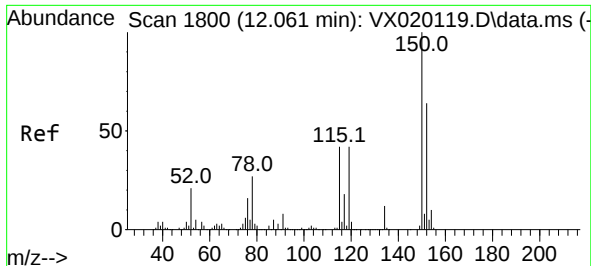
Tgt Ion: 95 Resp: 211643
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 76.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

Tgt Ion: 117 Resp: 443426
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 33.5 26.6 39.8

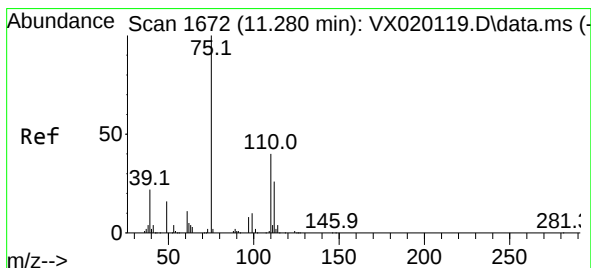
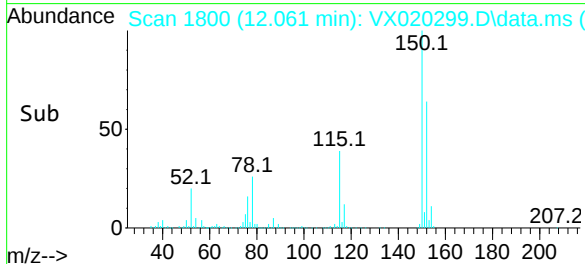
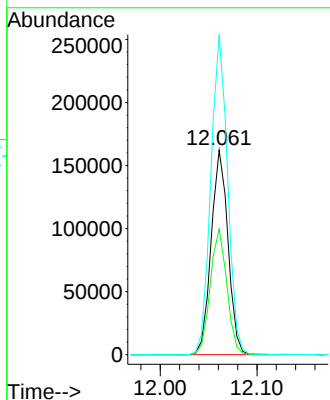
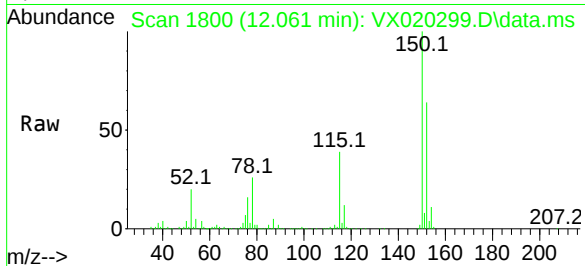




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

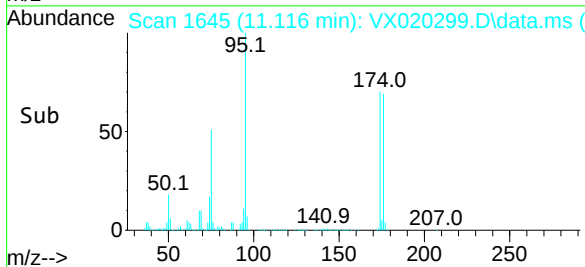
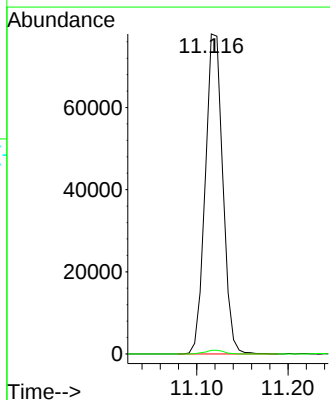
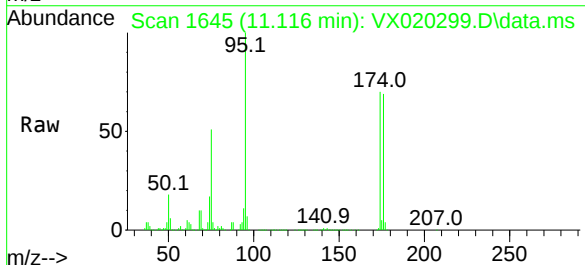
Instrument :
MSVOA_X
ClientSampleId :
49-PZ002(SOB)-121620

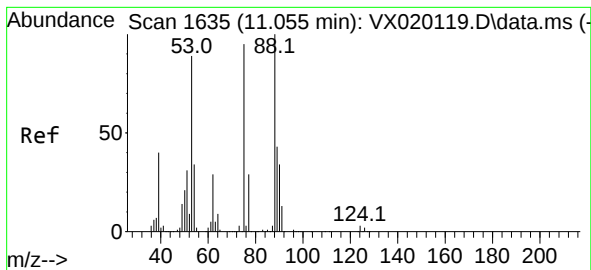
Tgt Ion:152 Resp: 196001
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 155.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.43 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020299.D
Acq: 22 Dec 2020 13:33

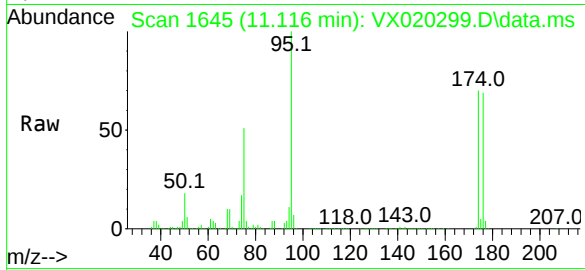
Tgt Ion: 75 Resp: 103455
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.57 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX020299.D
 Acq: 22 Dec 2020 13:33

Instrument :
 MSVOA_X
 ClientSampleId :
 49-PZ002(SOB)-121620



Tgt Ion: 75 Resp: 103455
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

