

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020235.D
 Acq On : 20 Dec 2020 17:33
 Operator : JC/MD
 Sample : L5095-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWE8-121420

Quant Time: Dec 21 02:53:44 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)

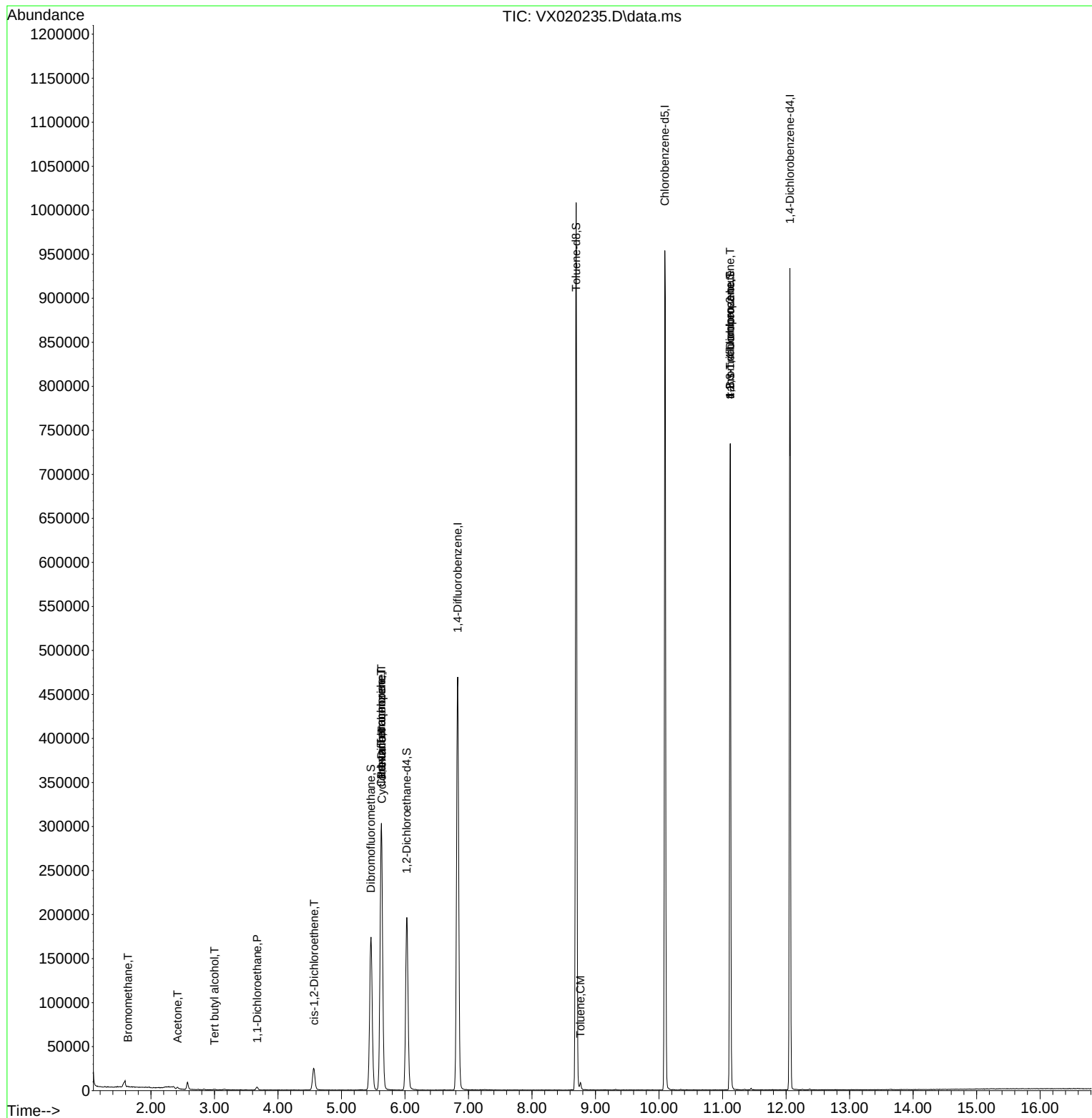
Internal Standards						
1) Pentafluorobenzene	5.629	168	286716	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	482956	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	443388	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	190050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	188770	49.12	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.24%
35) Dibromofluoromethane	5.464	113	151891	49.16	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.32%
50) Toluene-d8	8.696	98	588073	49.45	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.90%
62) 4-Bromofluorobenzene	11.122	95	201285	44.22	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.44%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	434	0.34	ug/l #	58
11) Tert butyl alcohol	3.001	59	518	0.60	ug/l #	73
16) Acetone	2.416	43	2135	1.22	ug/l	91
24) 1,1-Dichloroethane	3.672	63	3740	0.60	ug/l	98
27) cis-1,2-Dichloroethene	4.568	96	16129	4.02	ug/l	92
31) Cyclohexane	5.635	56	5830	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	22528	4.72	ug/l #	49
38) Carbon Tetrachloride	5.623	117	28277	6.23	ug/l #	16
52) Toluene	8.763	92	2509	0.28	ug/l	91
76) 1,2,3-Trichloropropane	11.122	75	97798	20.89	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	97798	61.98	ug/l #	12

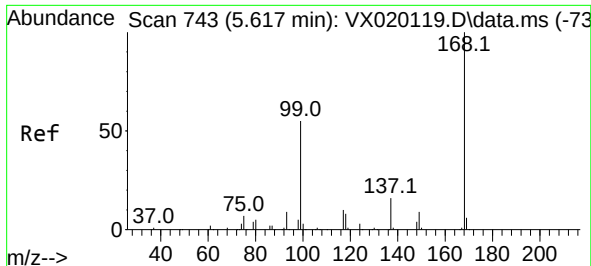
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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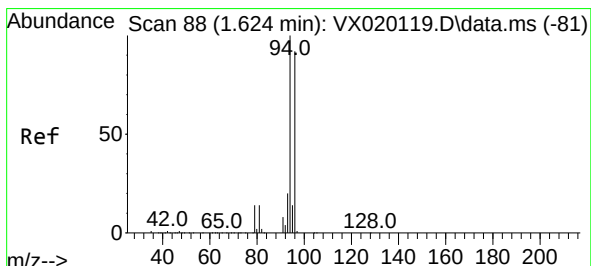
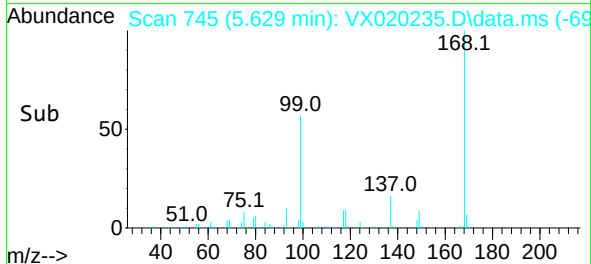
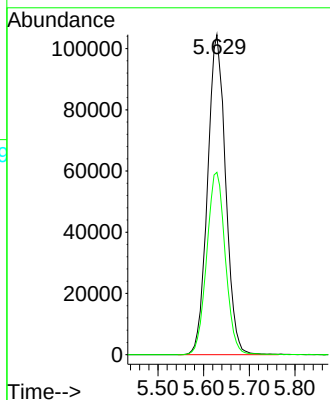
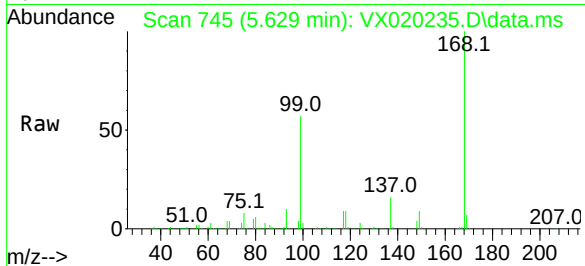




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

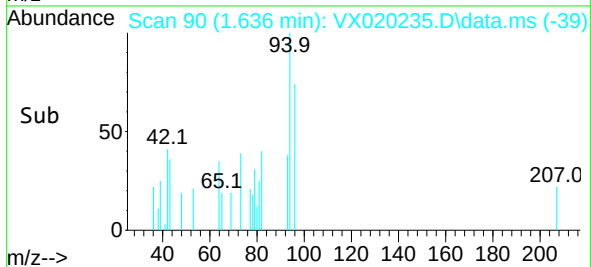
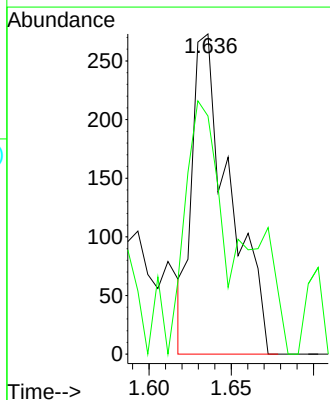
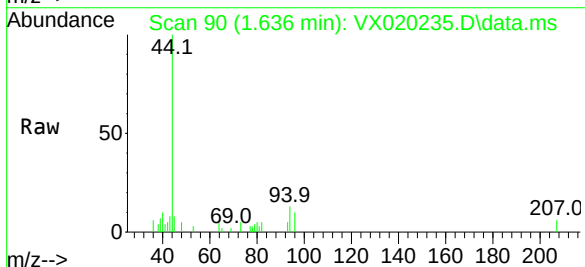
Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

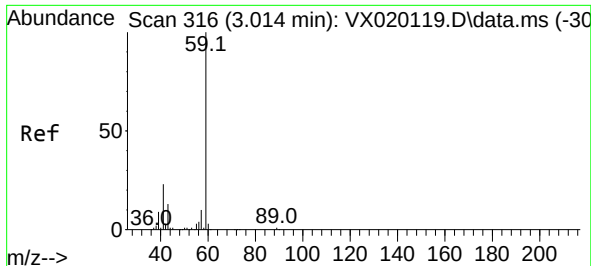
Tgt Ion:168 Resp: 286716
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#5
Bromomethane
Concen: 0.34 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

Tgt Ion: 94 Resp: 434
Ion Ratio Lower Upper
94 100
96 54.9 76.4 114.6#



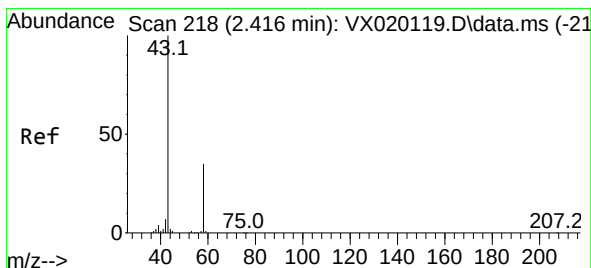
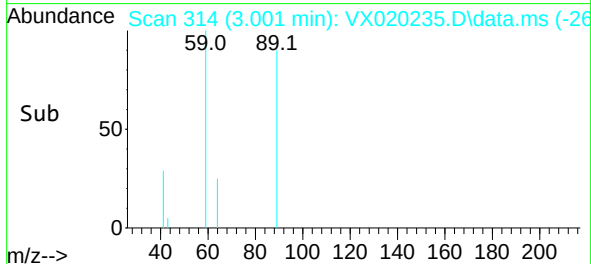
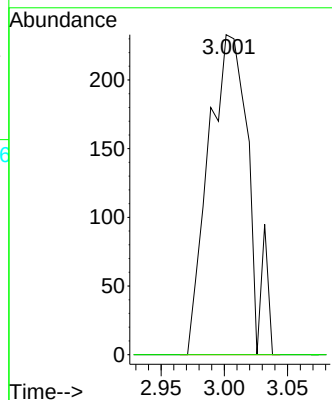
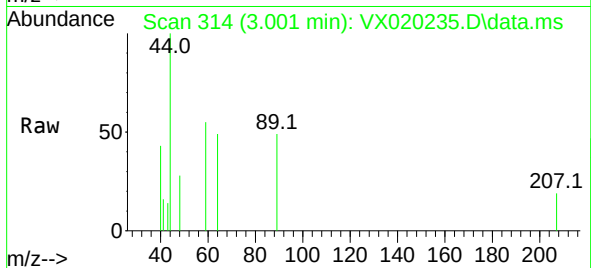


#11

Tert butyl alcohol
Concen: 0.60 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

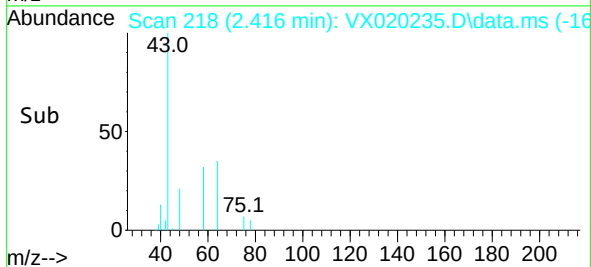
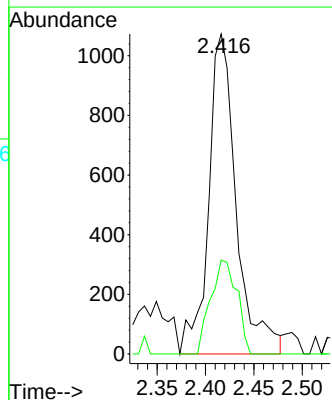
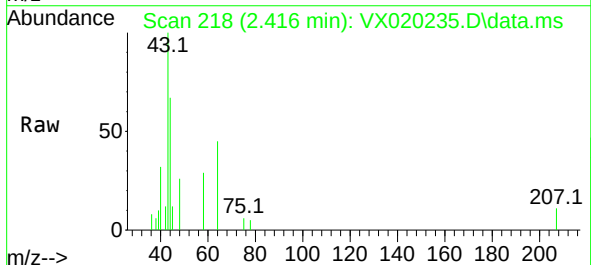
Tgt Ion: 59 Resp: 518
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

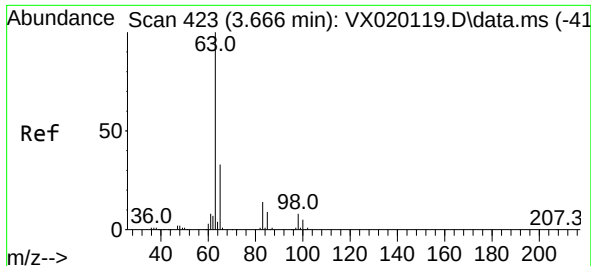


#16

Acetone
Concen: 1.22 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

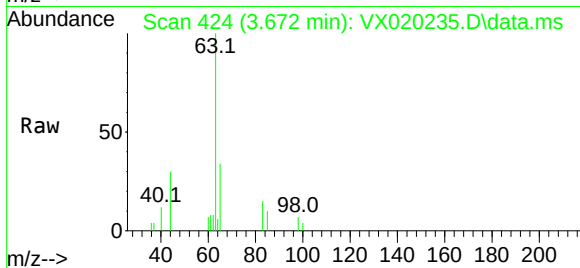
Tgt Ion: 43 Resp: 2135
Ion Ratio Lower Upper
43 100
58 29.4 27.8 41.8



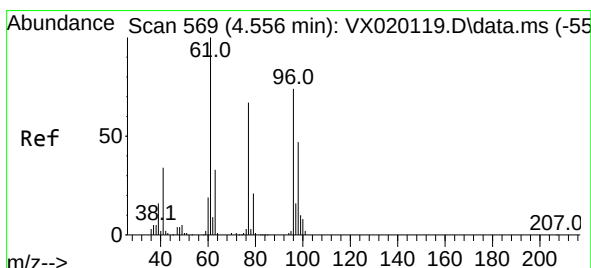
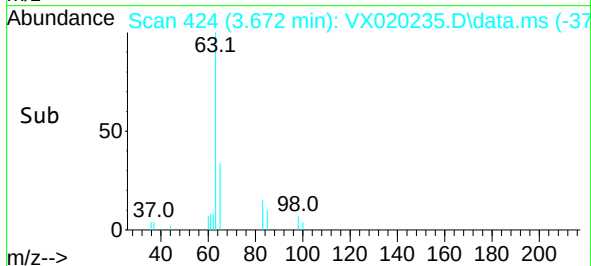
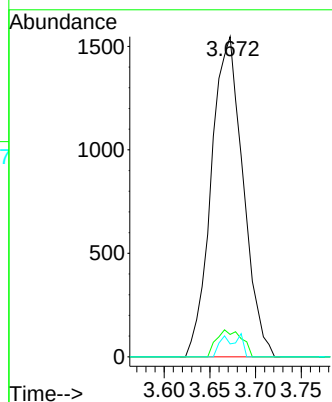


#24
1,1-Dichloroethane
Concen: 0.60 ug/l
RT: 3.672 min Scan# 424
Delta R.T. 0.006 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

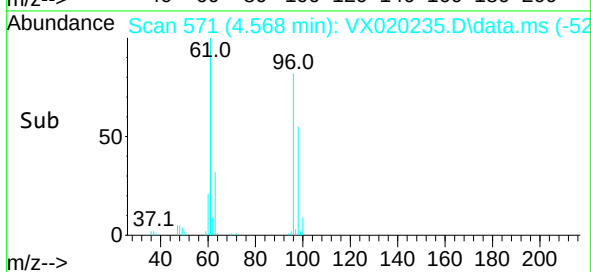
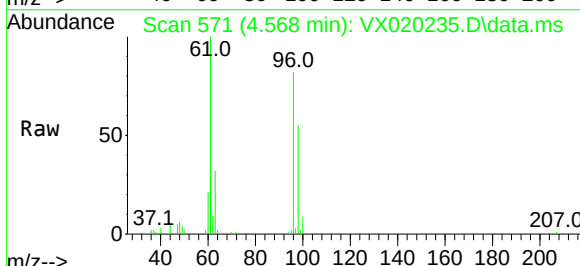
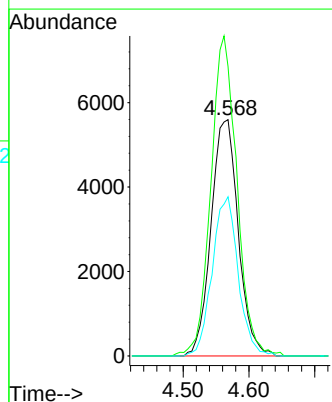


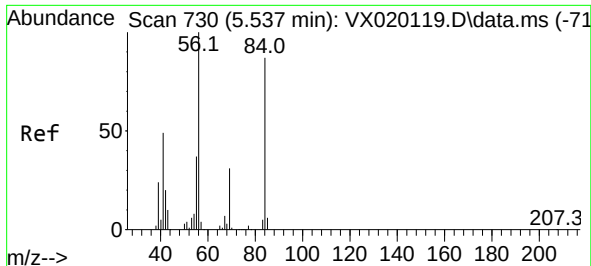
Tgt Ion: 63 Resp: 3740
Ion Ratio Lower Upper
63 100
98 7.0 3.8 11.2
100 4.0 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 4.02 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

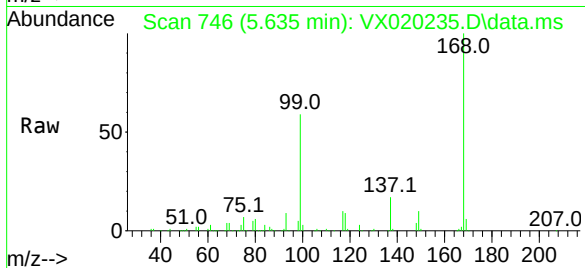
Tgt Ion: 96 Resp: 16129
Ion Ratio Lower Upper
96 100
61 129.7 0.0 285.6
98 64.3 0.0 129.6



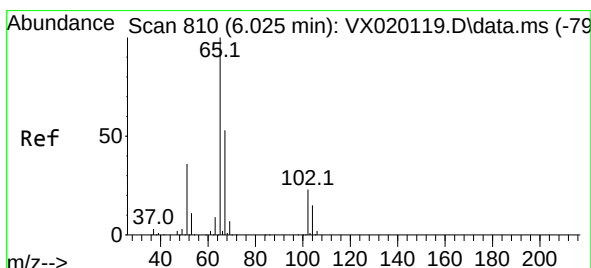
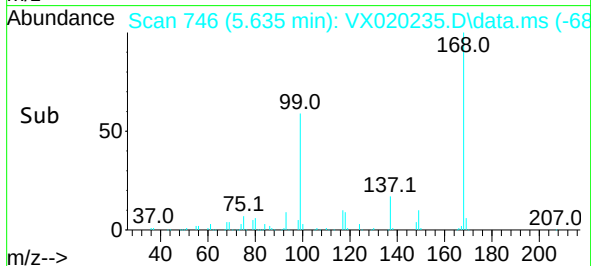
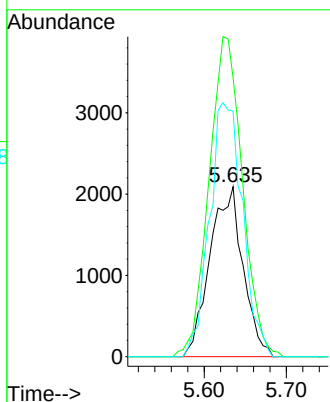


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.098 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

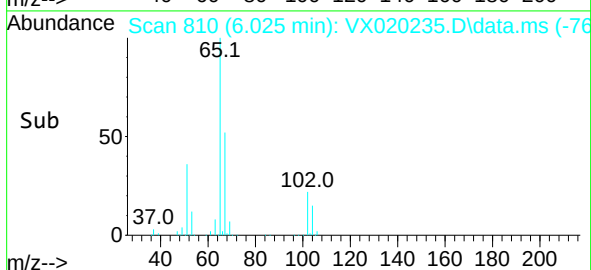
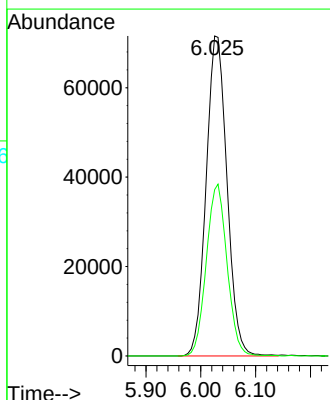
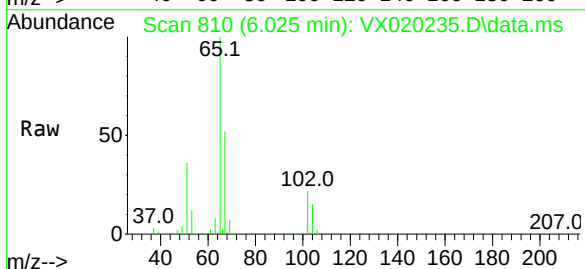


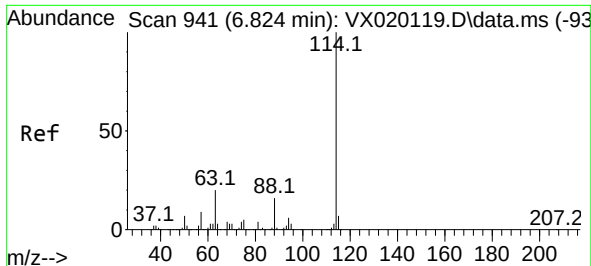
Tgt Ion: 56 Resp: 5830
Ion Ratio Lower Upper
56 100
69 161.4 25.3 37.9#
84 144.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.12 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

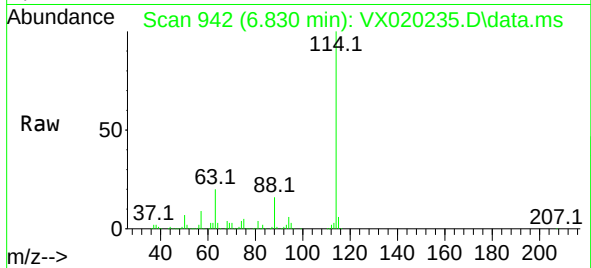
Tgt Ion: 65 Resp: 188770
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4



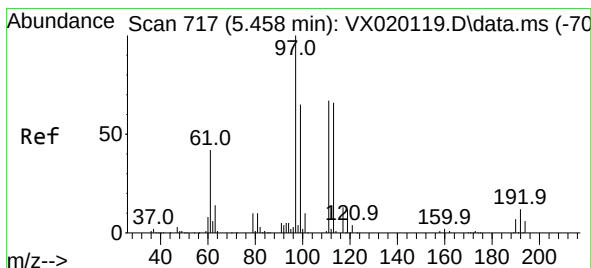
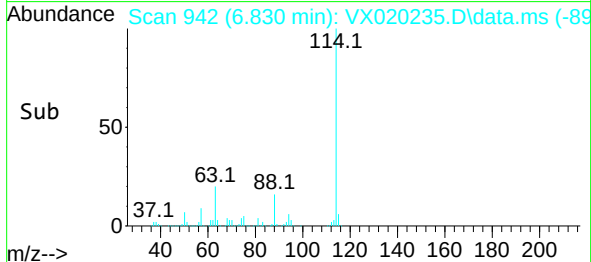
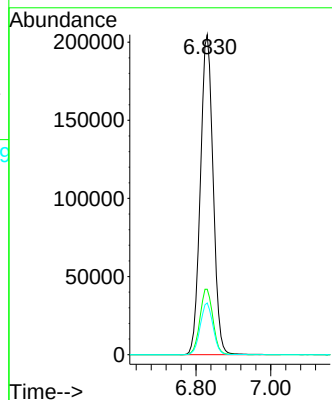


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

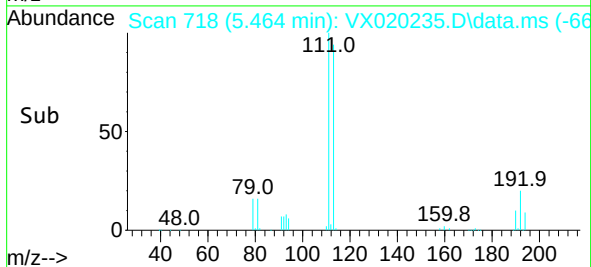
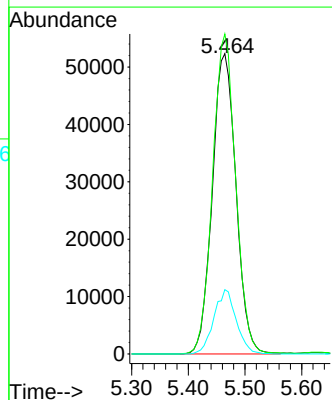
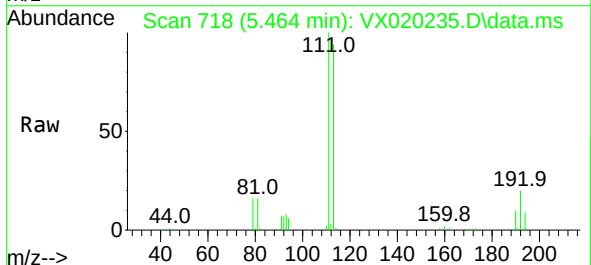


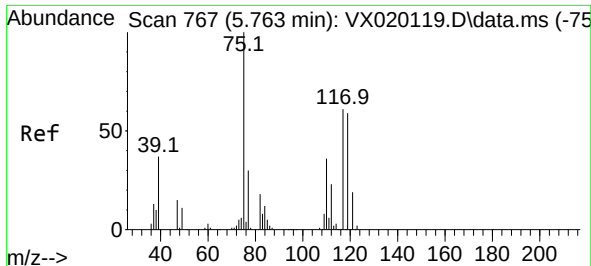
Tgt Ion:114 Resp: 482956
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.16 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

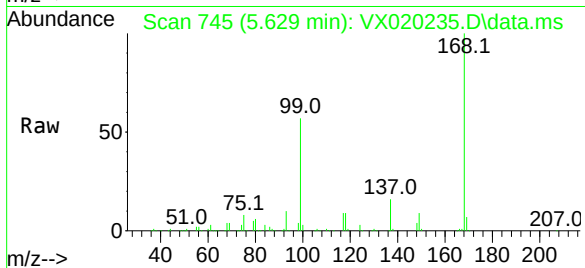
Tgt Ion:113 Resp: 151891
Ion Ratio Lower Upper
113 100
111 103.7 81.9 122.9
192 20.1 16.7 25.1



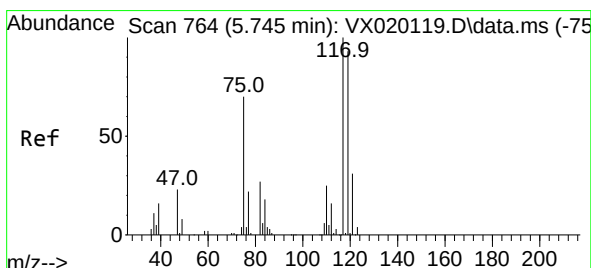
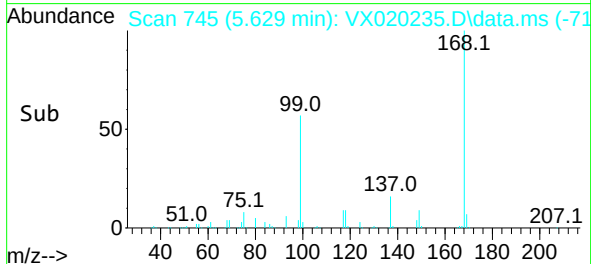
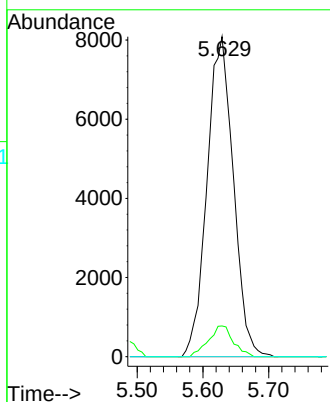


#36
1,1-Dichloropropene
Concen: 4.72 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

Instrument :
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ClientSampleId :
39-MWE8-121420

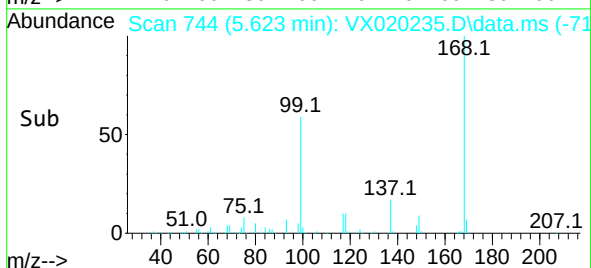
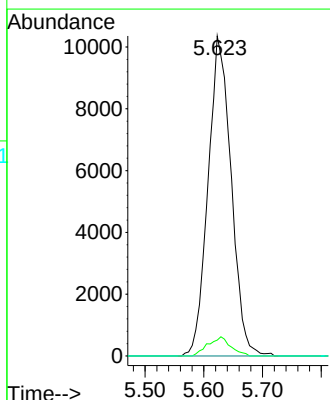
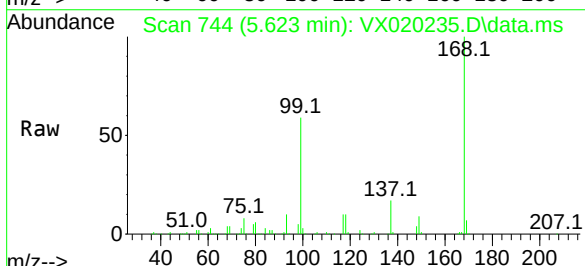


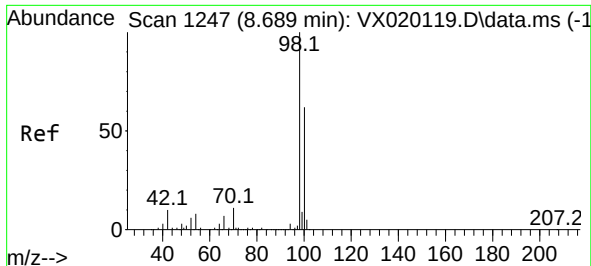
Tgt Ion: 75 Resp: 22528
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

Tgt Ion: 117 Resp: 28277
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

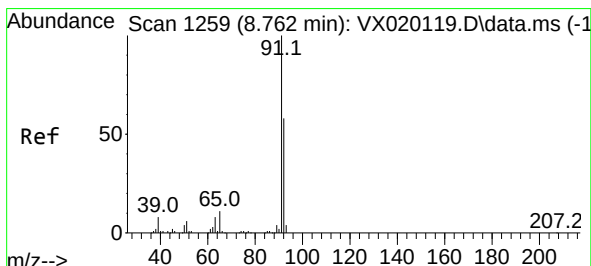
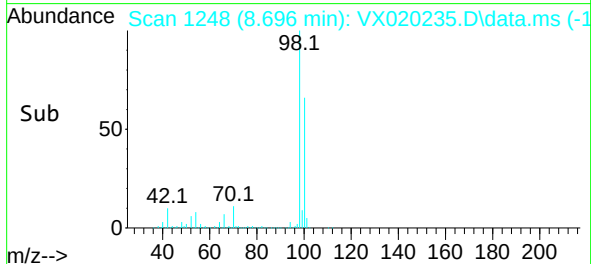
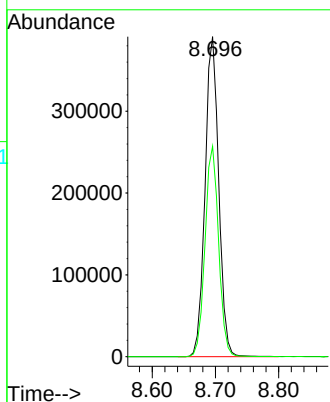
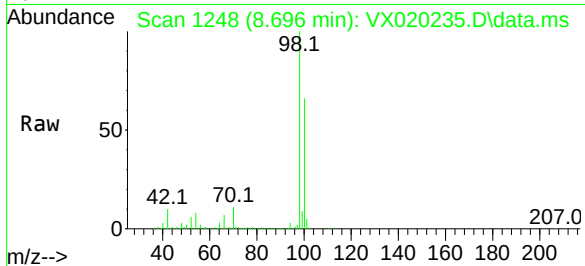




#50
Toluene-d8
Concen: 49.45 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

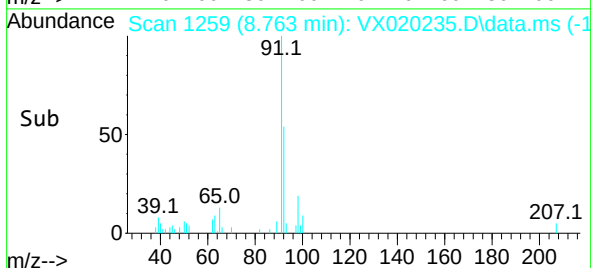
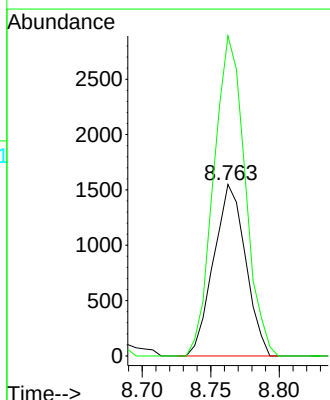
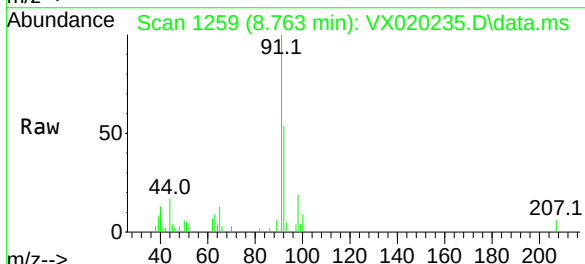
Instrument :
MSVOA_X
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39-MWE8-121420

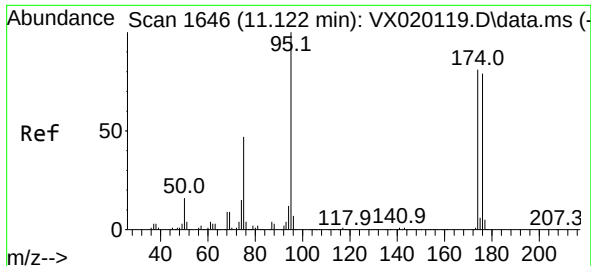
Tgt Ion: 98 Resp: 588073
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#52
Toluene
Concen: 0.28 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

Tgt Ion: 92 Resp: 2509
Ion Ratio Lower Upper
92 100
91 183.4 137.1 205.7

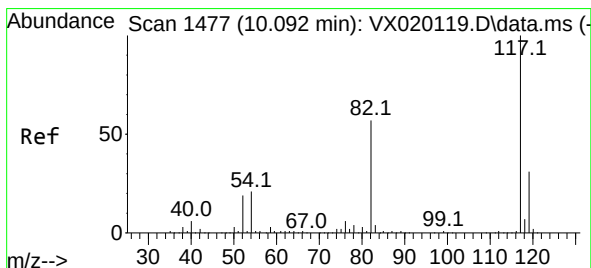
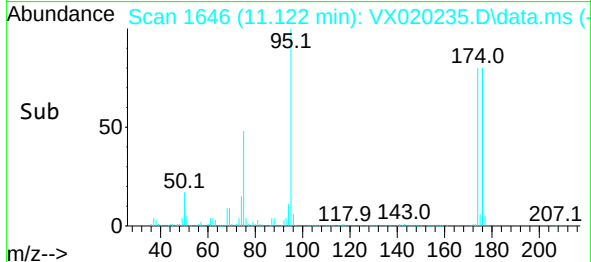
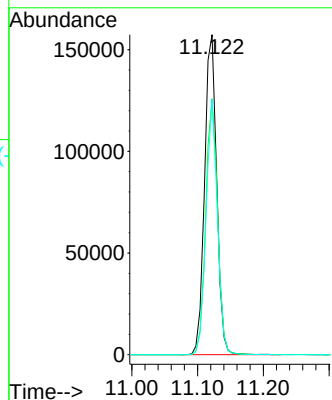
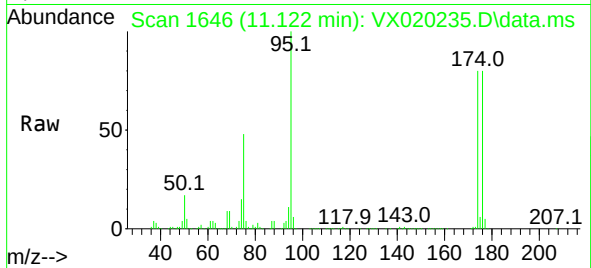




#62
4-Bromofluorobenzene
Concen: 44.22 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

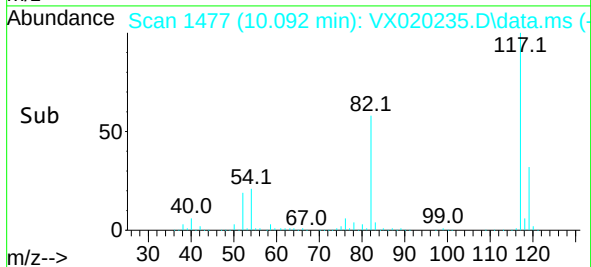
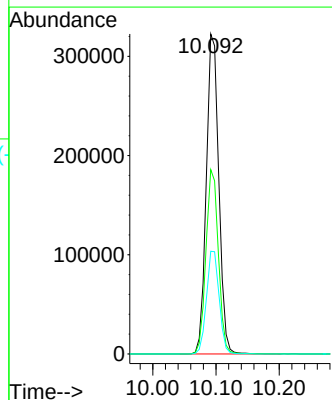
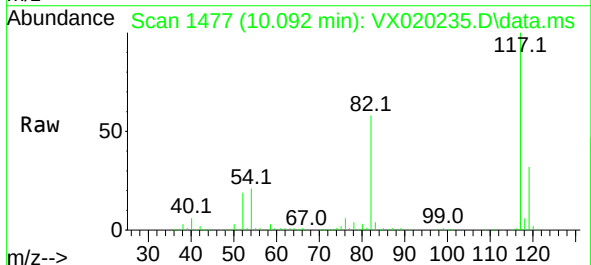
Instrument :
MSVOA_X
ClientSampleId :
39-MWE8-121420

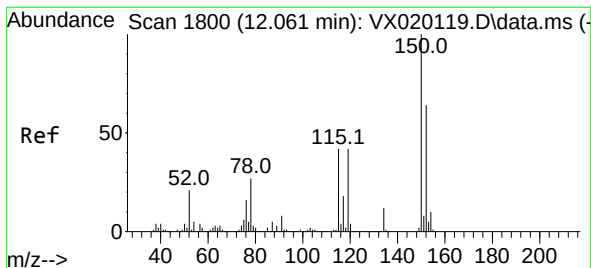
Tgt Ion: 95 Resp: 201285
Ion Ratio Lower Upper
95 100
174 78.7 0.0 154.6
176 74.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020235.D
Acq: 20 Dec 2020 17:33

Tgt Ion: 117 Resp: 443388
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.1 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: VX020235.D

Acq: 20 Dec 2020 17:33

Tgt Ion:152 Resp: 190050

Ion Ratio Lower Upper

152 100

115 59.0 41.1 123.3

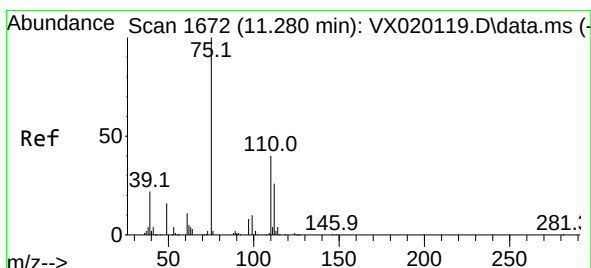
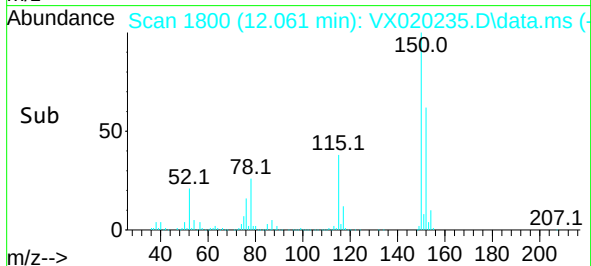
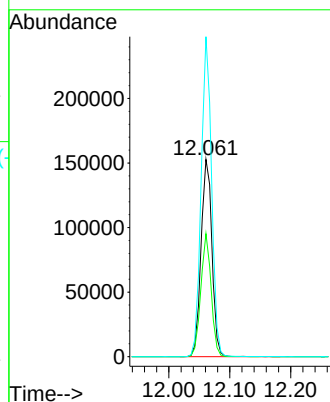
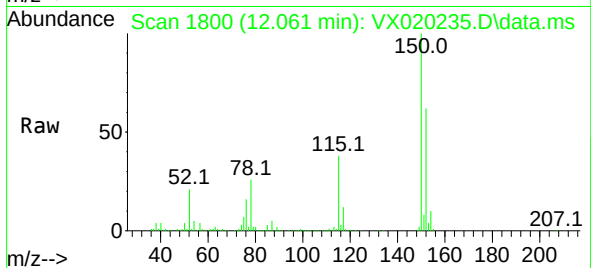
150 155.3 0.0 349.0

Instrument :

MSVOA_X

ClientSampleId :

39-MWE8-121420



#76

1,2,3-Trichloropropane

Concen: 20.89 ug/l

RT: 11.122 min Scan# 1646

Delta R.T. -0.158 min

Lab File: VX020235.D

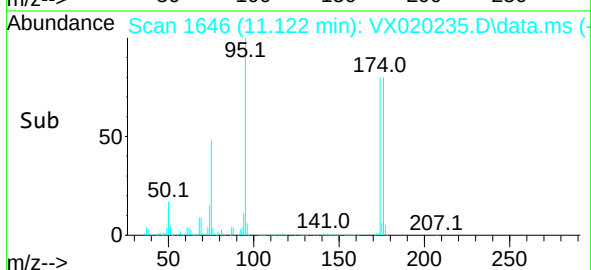
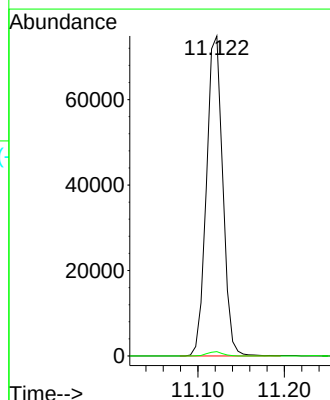
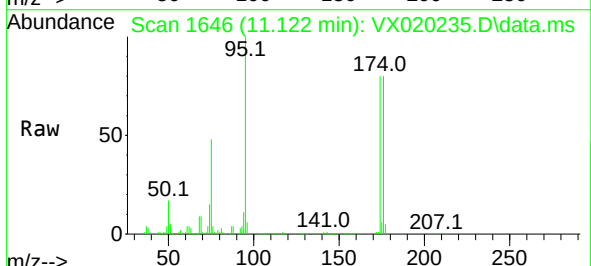
Acq: 20 Dec 2020 17:33

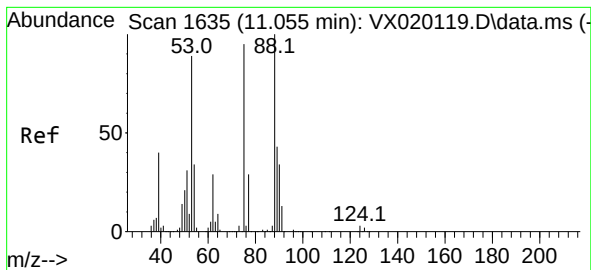
Tgt Ion: 75 Resp: 97798

Ion Ratio Lower Upper

75 100

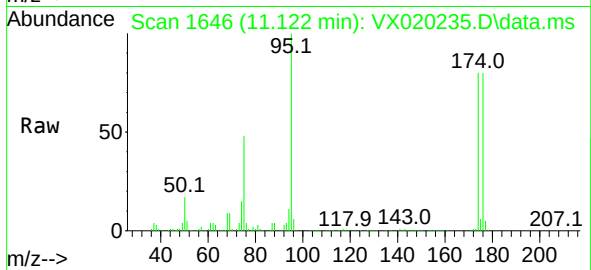
77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.98 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020235.D
 Acq: 20 Dec 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MWE8-121420



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	74.5	111.7#
89	0.0	37.9	56.9#

