

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020231.D
 Acq On : 20 Dec 2020 16:00
 Operator : JC/MD
 Sample : L5095-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-5101-121420

Quant Time: Dec 21 02:52:46 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)

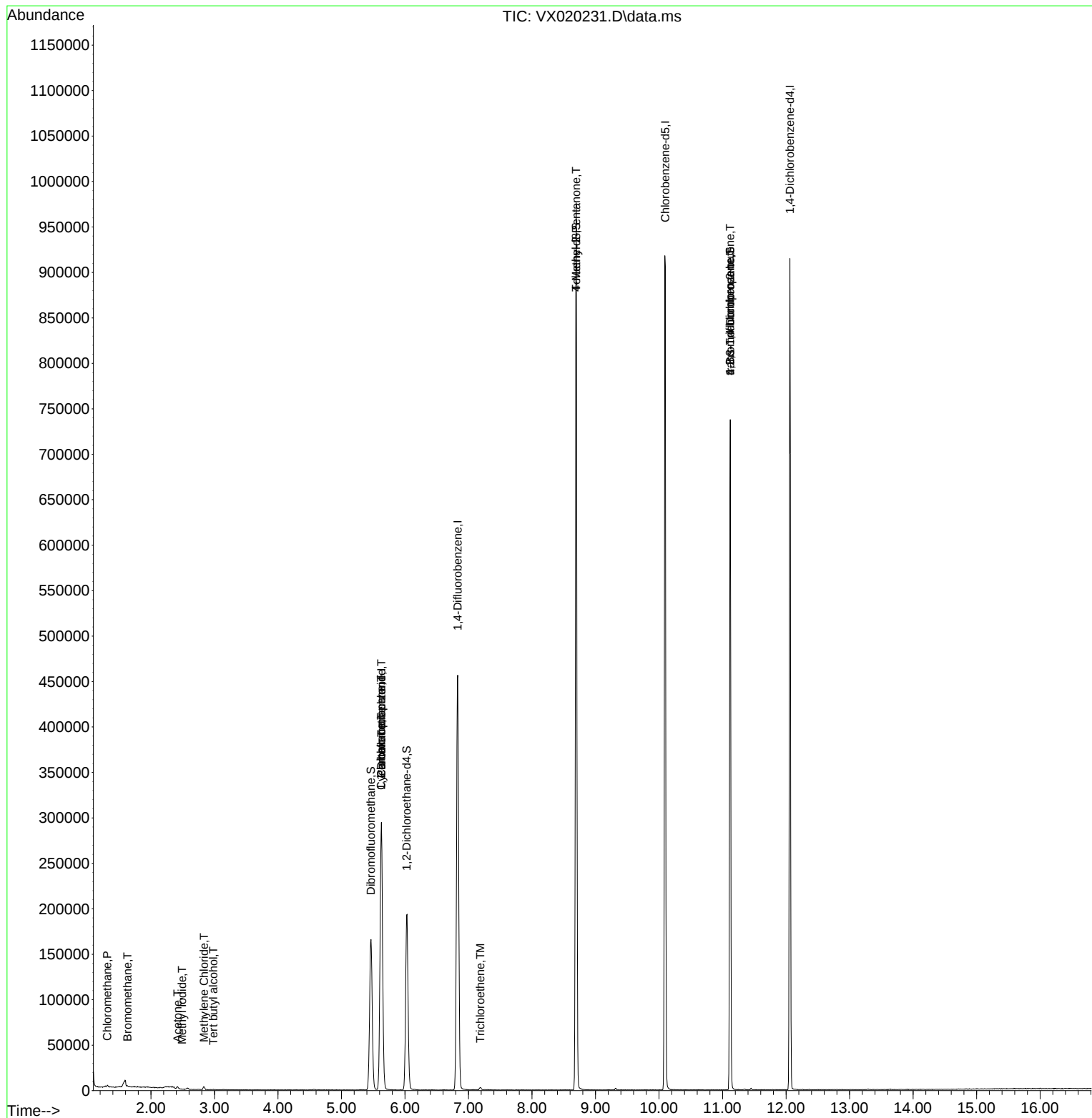
Internal Standards						
1) Pentafluorobenzene	5.629	168	280143	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	471614	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	436170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	184364	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	185053	49.28	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.56%		
35) Dibromofluoromethane	5.464	113	148161	49.11	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.22%		
50) Toluene-d8	8.695	98	572196	49.27	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.54%		
62) 4-Bromofluorobenzene	11.122	95	199859	44.97	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.94%		
Target Compounds						Qvalue
3) Chloromethane	1.313	50	1100	0.31	ug/l	99
5) Bromomethane	1.630	94	706	0.57	ug/l	99
10) Methyl Iodide	2.489	142	125	3.32	ug/l #	42
11) Tert butyl alcohol	2.983	59	195	0.23	ug/l #	73
16) Acetone	2.416	43	2719	1.59	ug/l	91
20) Methylene Chloride	2.837	84	1608	0.42	ug/l #	90
31) Cyclohexane	5.623	56	5622	1.09	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	21824	4.68	ug/l #	48
38) Carbon Tetrachloride	5.629	117	27949	6.30	ug/l #	17
44) Trichloroethene	7.184	130	929	0.25	ug/l	93
51) 4-Methyl-2-Pentanone	8.695	43	2278	0.48	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	97343	21.43	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	97343	63.59	ug/l #	12

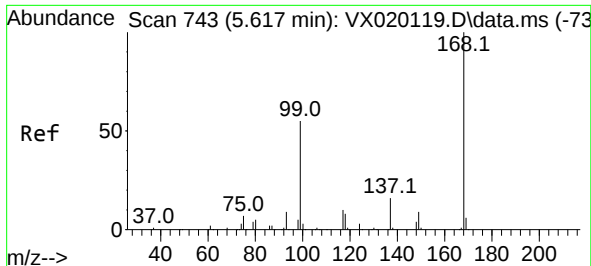
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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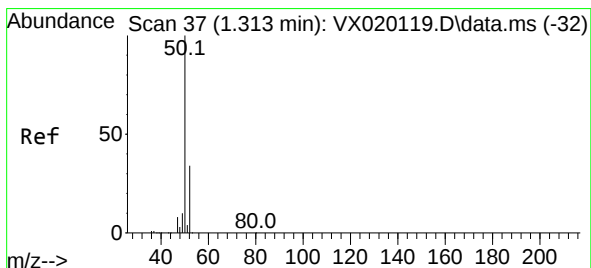
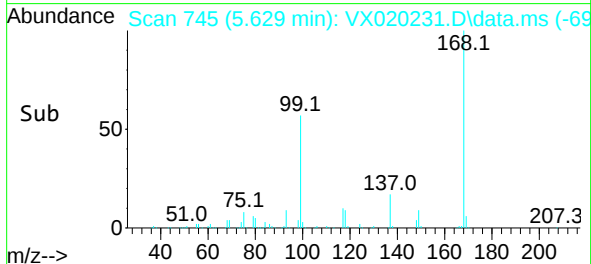
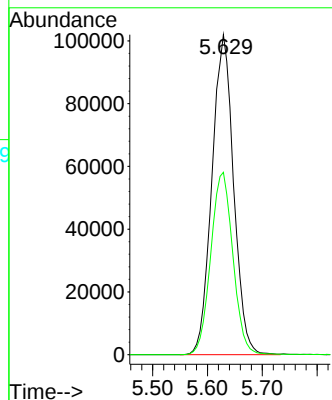
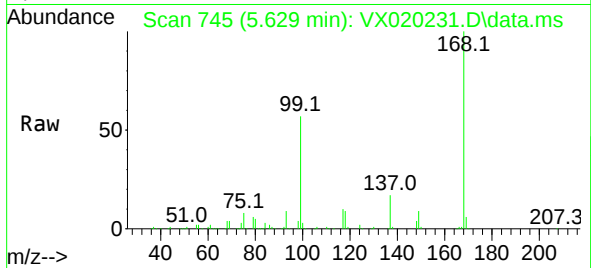




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

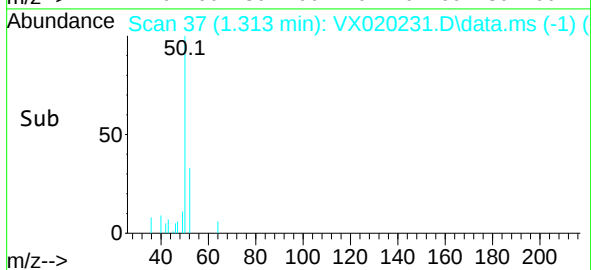
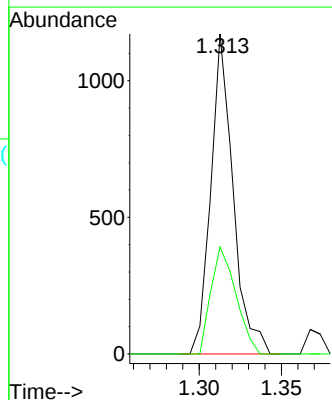
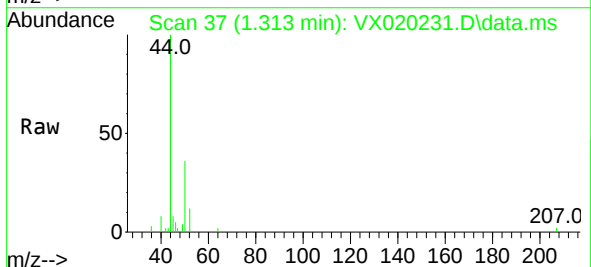
Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420

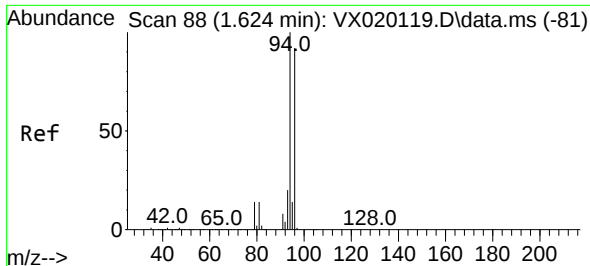
Tgt Ion:168 Resp: 280143
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#3
Chloromethane
Concen: 0.31 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

Tgt Ion: 50 Resp: 1100
Ion Ratio Lower Upper
50 100
52 33.5 26.4 39.6

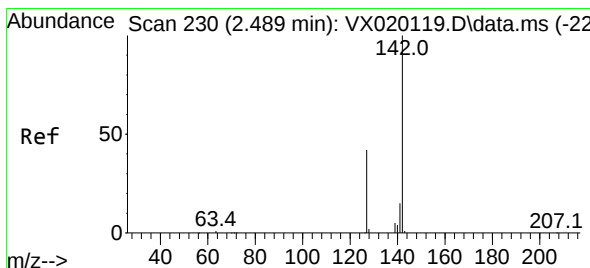
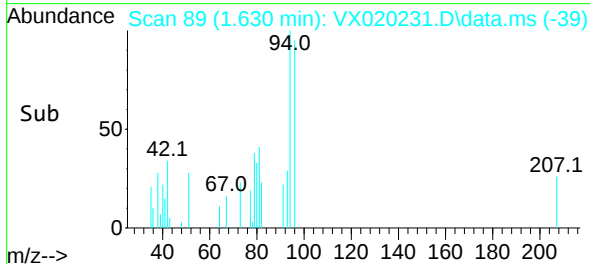
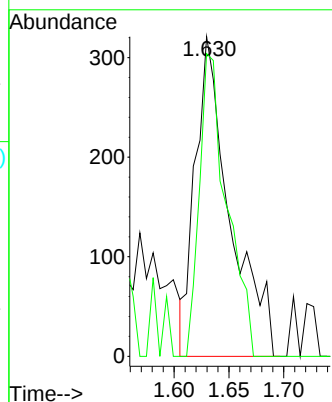
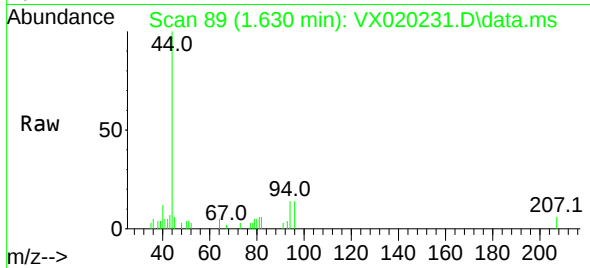




#5
Bromomethane
Concen: 0.57 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

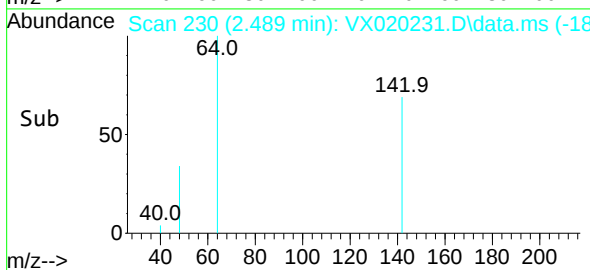
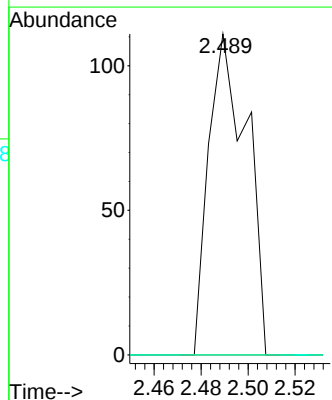
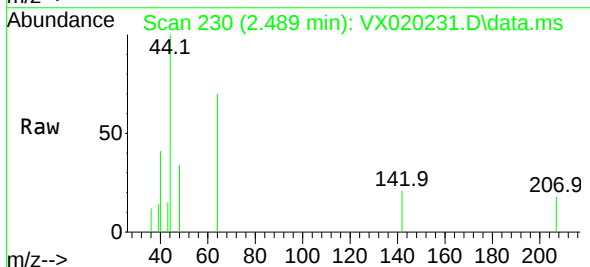
Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420

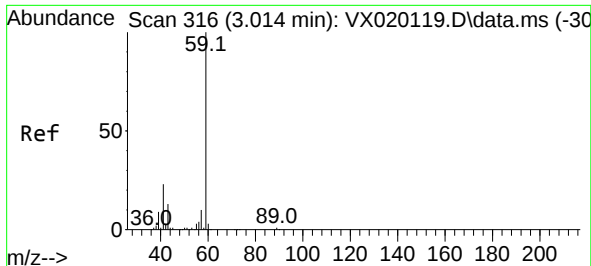
Tgt Ion: 94 Resp: 706
Ion Ratio Lower Upper
94 100
96 94.7 76.4 114.6



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

Tgt Ion: 142 Resp: 125
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

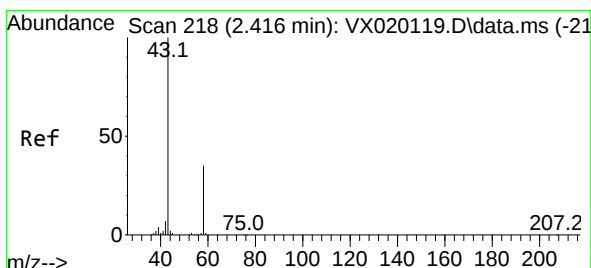
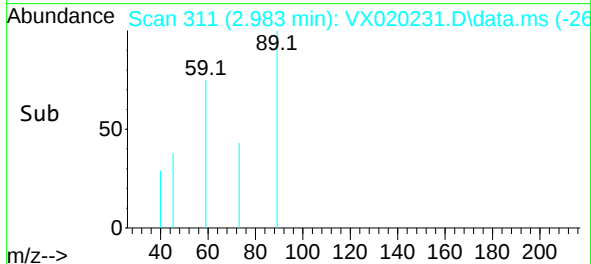
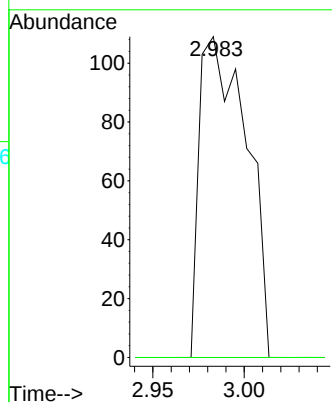
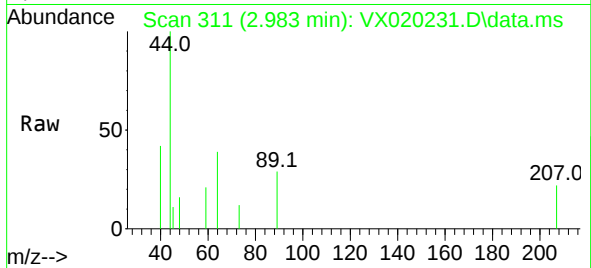




#11
Tert butyl alcohol
Concen: 0.23 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.031 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

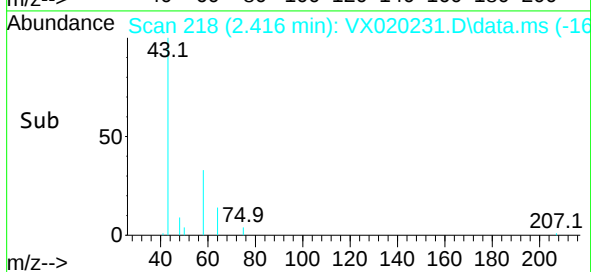
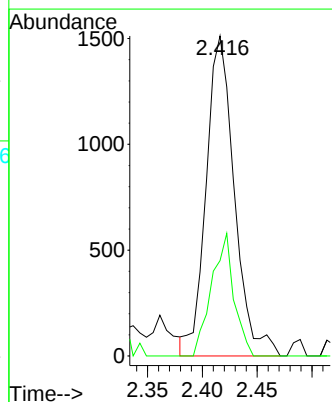
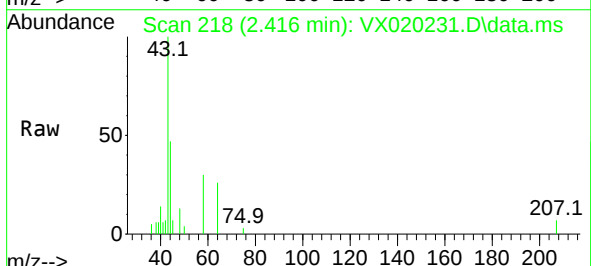
Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420

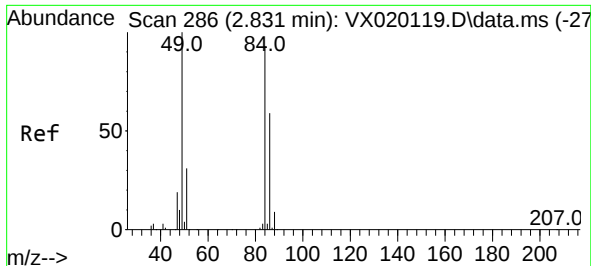
Tgt Ion: 59 Resp: 195
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 1.59 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

Tgt Ion: 43 Resp: 2719
Ion Ratio Lower Upper
43 100
58 29.8 27.8 41.8





#20

Methylene Chloride

Concen: 0.42 ug/l

RT: 2.837 min Scan# 287

Delta R.T. 0.006 min

Lab File: VX020231.D

Acq: 20 Dec 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420

Tgt Ion: 84 Resp: 1608

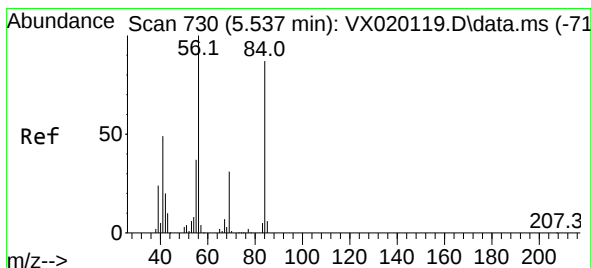
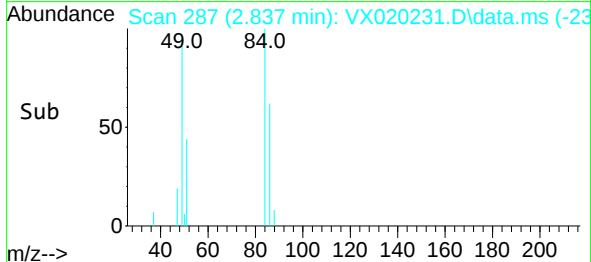
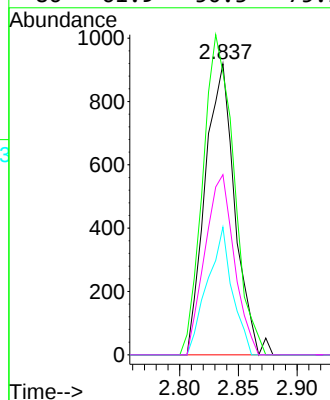
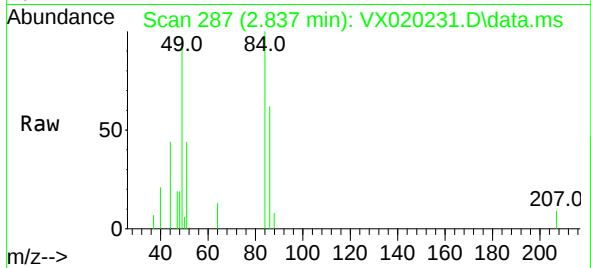
Ion Ratio Lower Upper

84 100

49 97.1 88.6 132.8

51 43.9 27.0 40.6#

86 61.9 50.3 75.5



#31

Cyclohexane

Concen: 1.09 ug/l

RT: 5.623 min Scan# 744

Delta R.T. 0.086 min

Lab File: VX020231.D

Acq: 20 Dec 2020 16:00

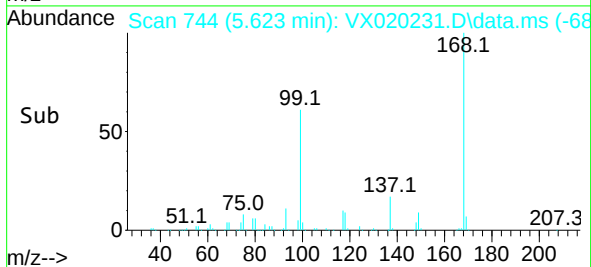
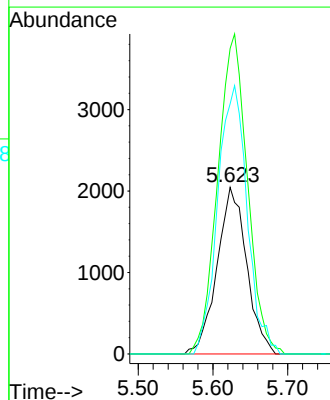
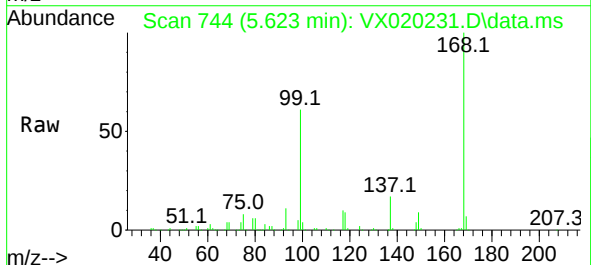
Tgt Ion: 56 Resp: 5622

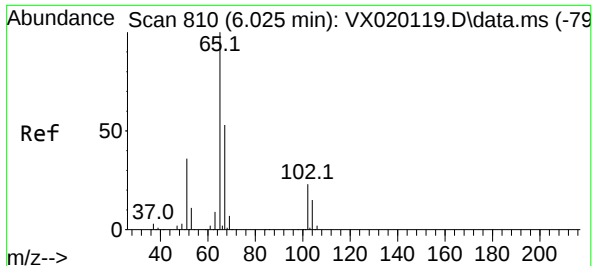
Ion Ratio Lower Upper

56 100

69 183.3 25.3 37.9#

84 150.1 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 49.28 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020231.D

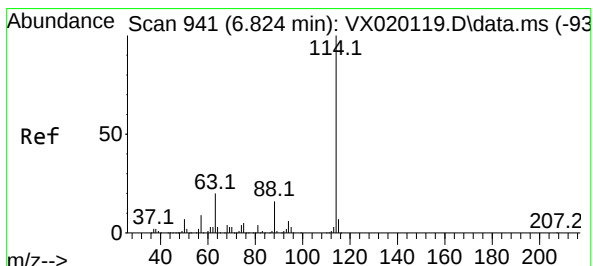
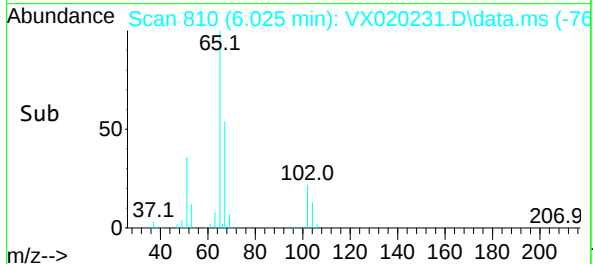
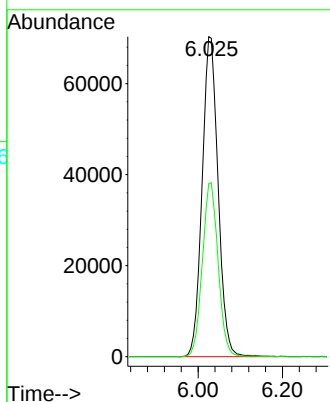
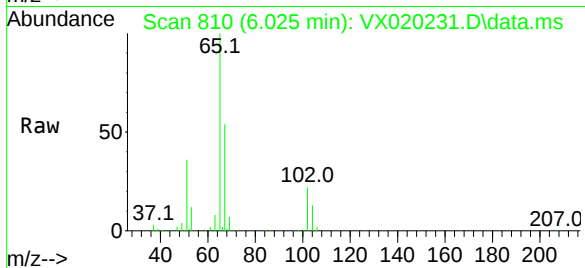
Acq: 20 Dec 2020 16:00

Tgt Ion: 65 Resp: 185053

Ion Ratio Lower Upper

65 100

67 53.6 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: VX020231.D

Acq: 20 Dec 2020 16:00

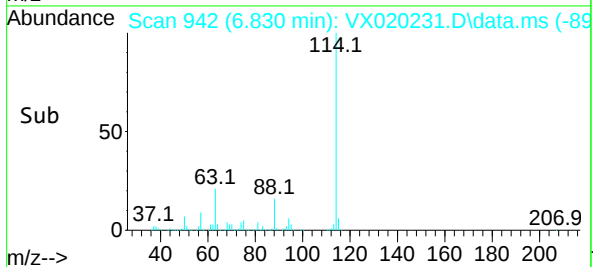
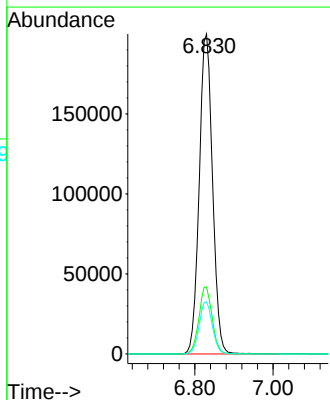
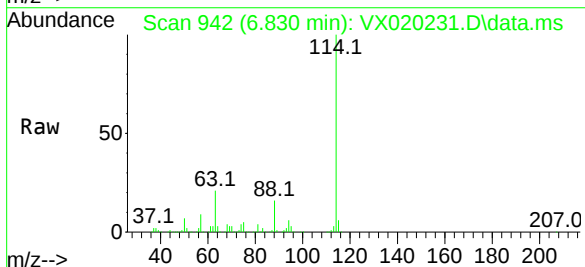
Tgt Ion: 114 Resp: 471614

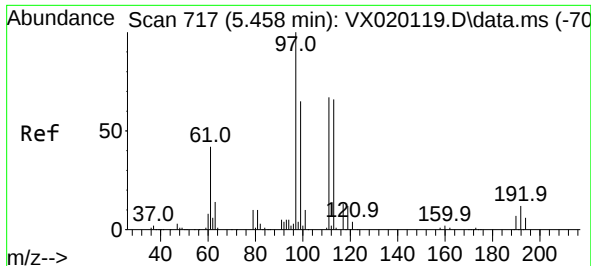
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

88 16.3 0.0 32.8

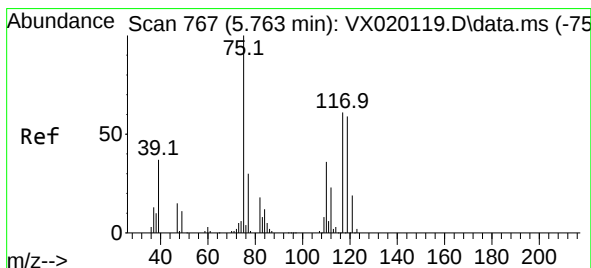
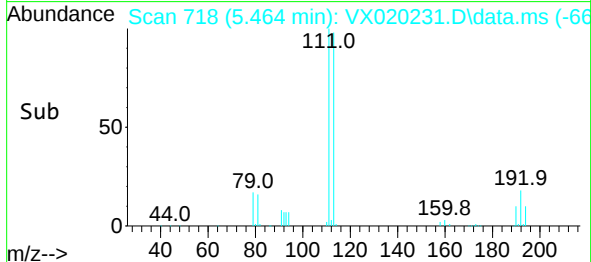
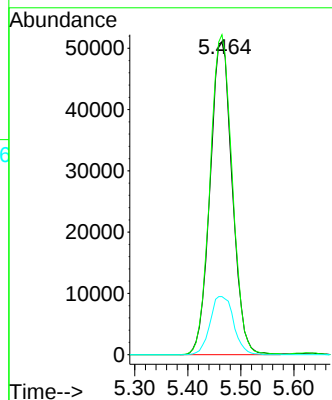
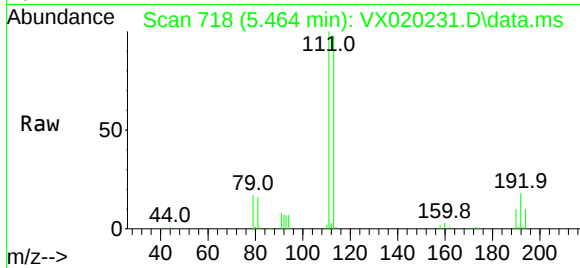




#35
Dibromofluoromethane
Concen: 49.11 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

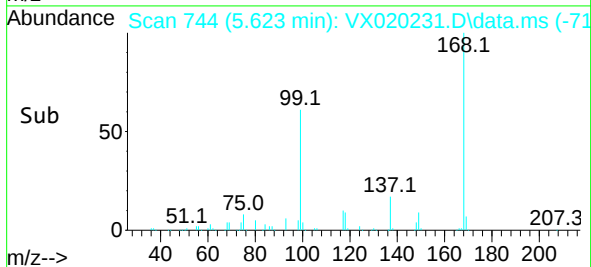
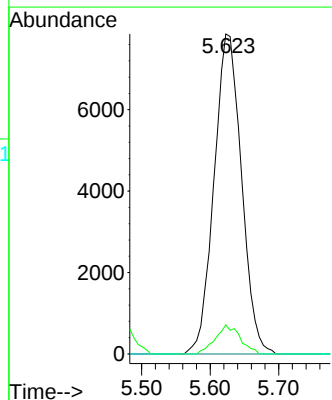
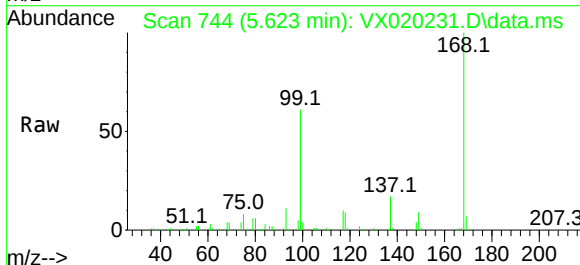
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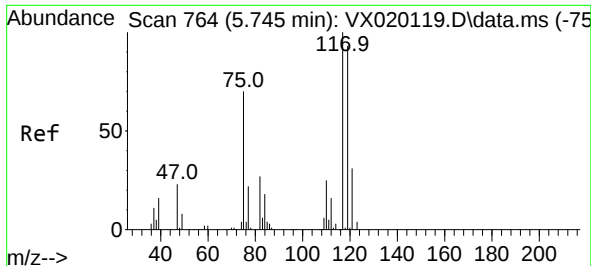
Tgt Ion:113 Resp: 148161
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.68 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

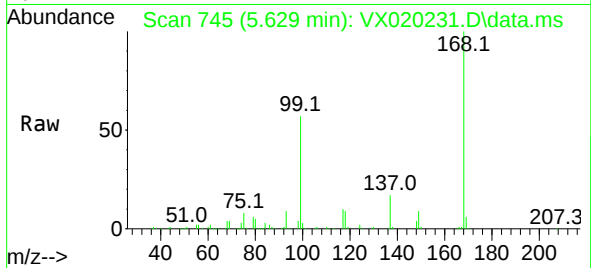
Tgt Ion: 75 Resp: 21824
Ion Ratio Lower Upper
75 100
110 8.2 18.1 54.4#
77 0.0 25.3 37.9#



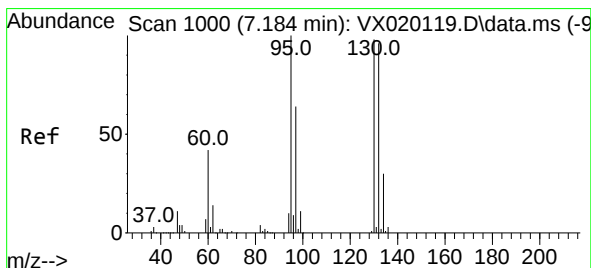
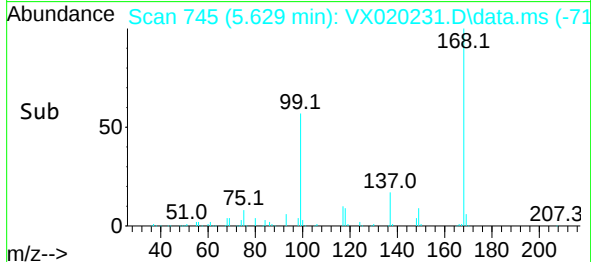
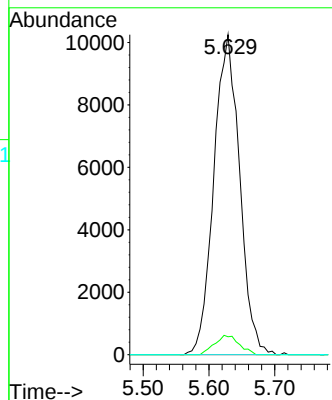


#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420

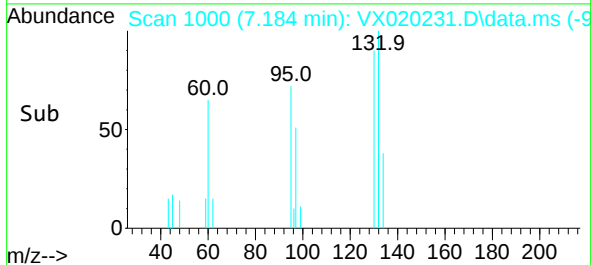
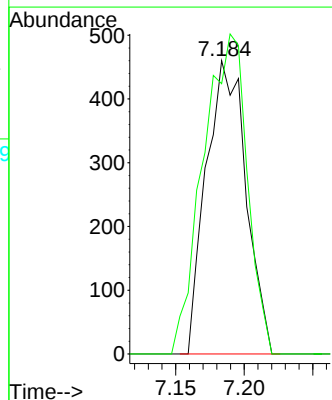
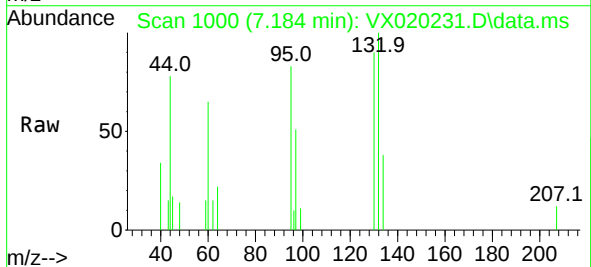


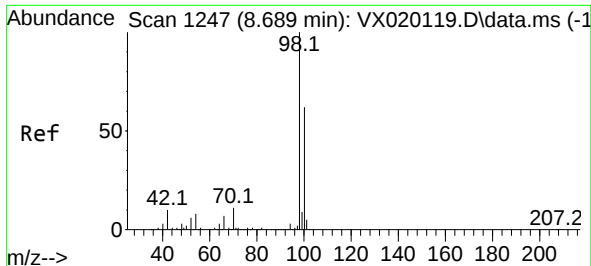
Tgt Ion:117 Resp: 27949
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 0.25 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

Tgt Ion:130 Resp: 929
Ion Ratio Lower Upper
130 100
95 92.2 0.0 198.0

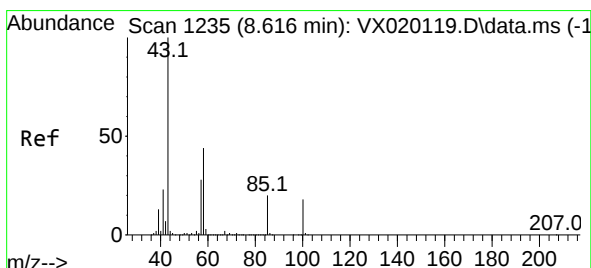
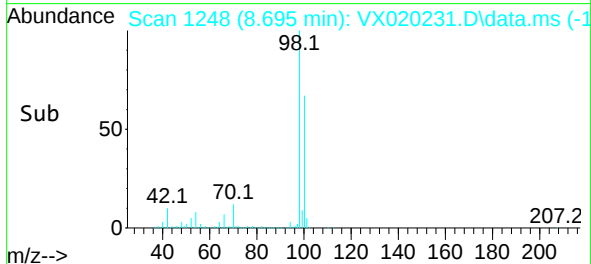
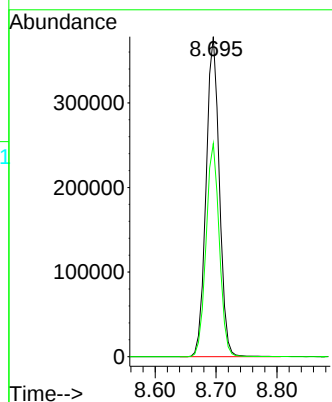
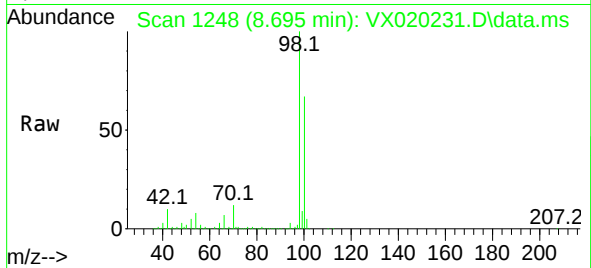




#50
Toluene-d8
Concen: 49.27 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

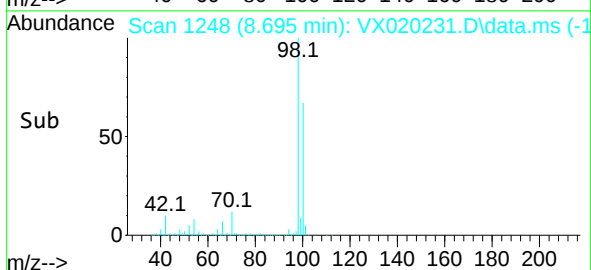
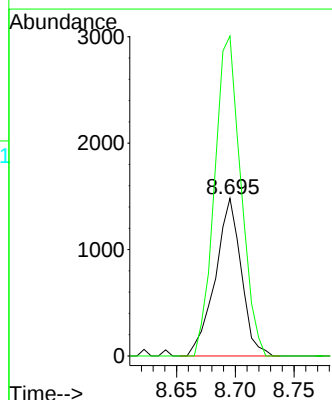
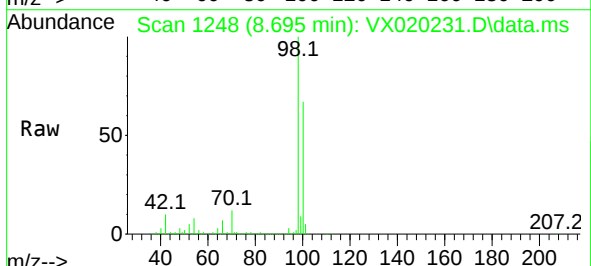
Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420

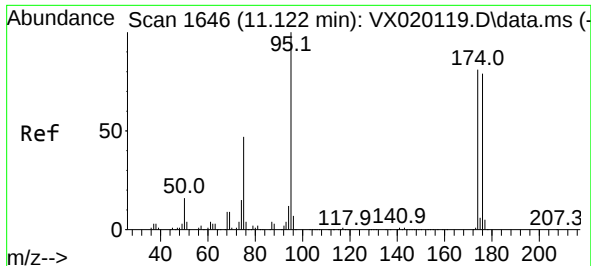
Tgt Ion: 98 Resp: 572196
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.079 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

Tgt Ion: 43 Resp: 2278
Ion Ratio Lower Upper
43 100
58 204.6 35.4 53.0#

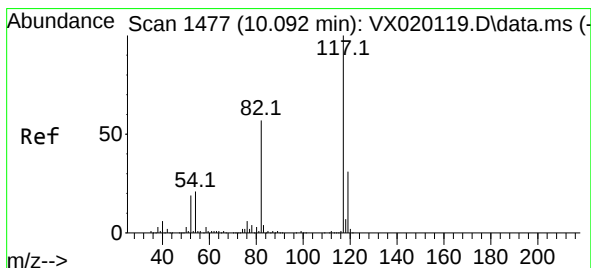
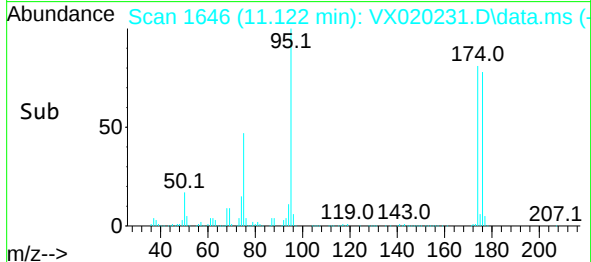
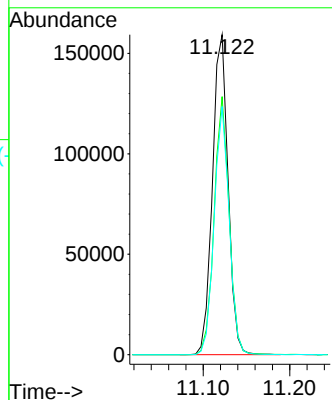
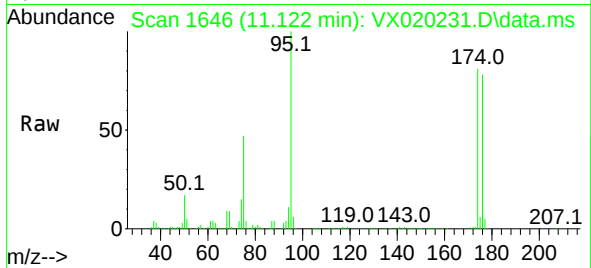




#62
4-Bromofluorobenzene
Concen: 44.97 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

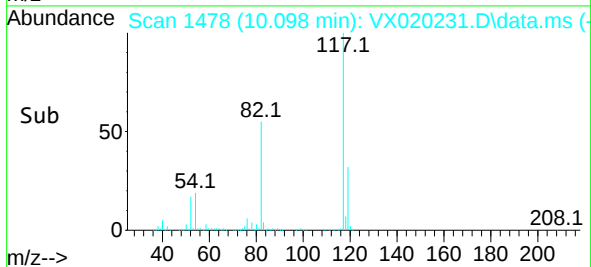
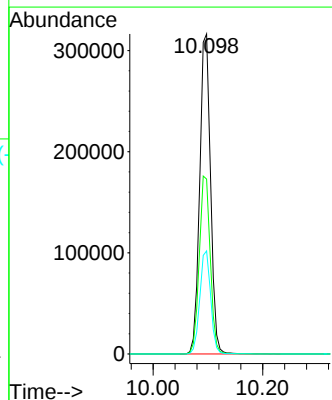
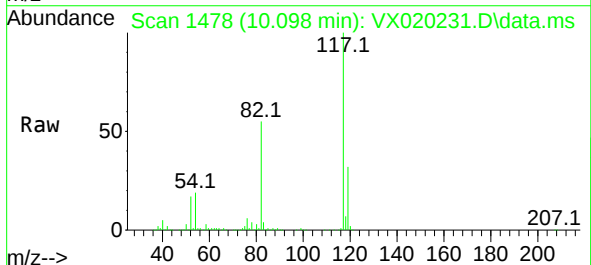
Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420

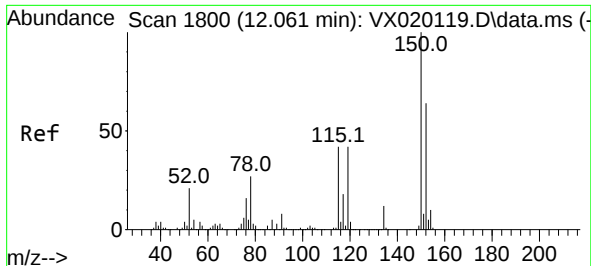
Tgt Ion: 95 Resp: 199859
Ion Ratio Lower Upper
95 100
174 77.3 0.0 154.6
176 74.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

Tgt Ion: 117 Resp: 436170
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 32.2 26.6 39.8

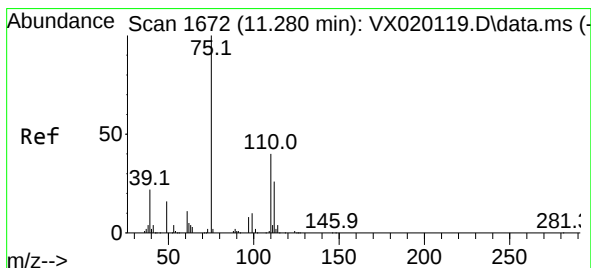
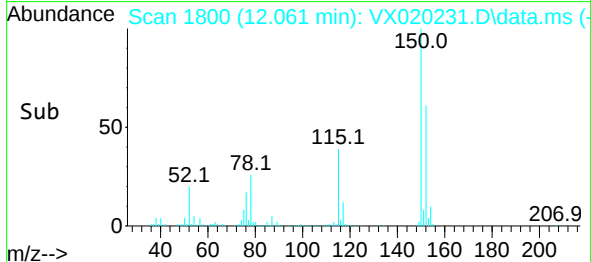
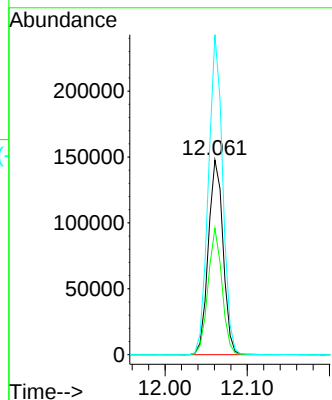
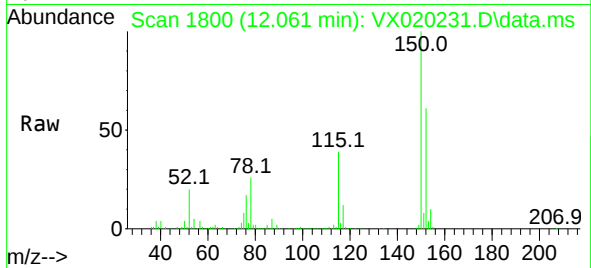




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

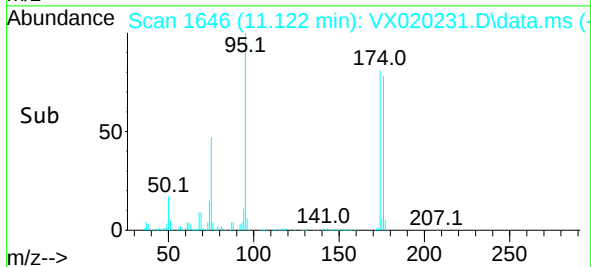
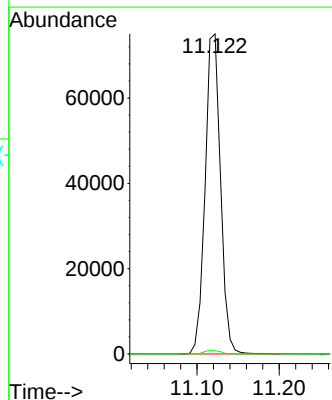
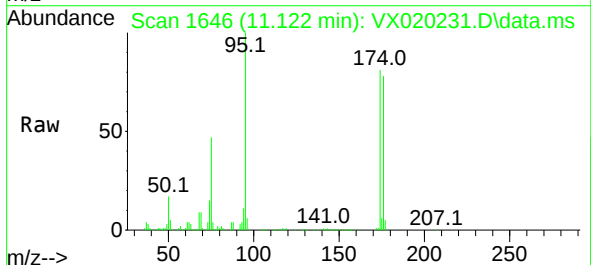
Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420

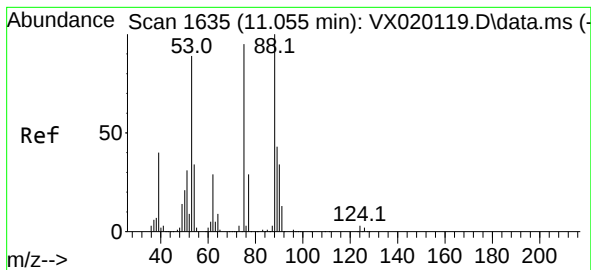
Tgt Ion:152 Resp: 184364
Ion Ratio Lower Upper
152 100
115 61.3 41.1 123.3
150 158.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.43 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

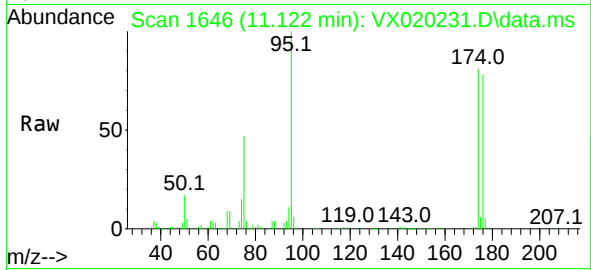
Tgt Ion: 75 Resp: 97343
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.59 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020231.D
Acq: 20 Dec 2020 16:00

Instrument :
MSVOA_X
ClientSampleId :
39-5101-121420



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

