

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020752.D
 Acq On : 26 Jan 2021 14:44
 Operator : JC/SP
 Sample : M1189-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41089

Quant Time: Jan 27 00:55:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

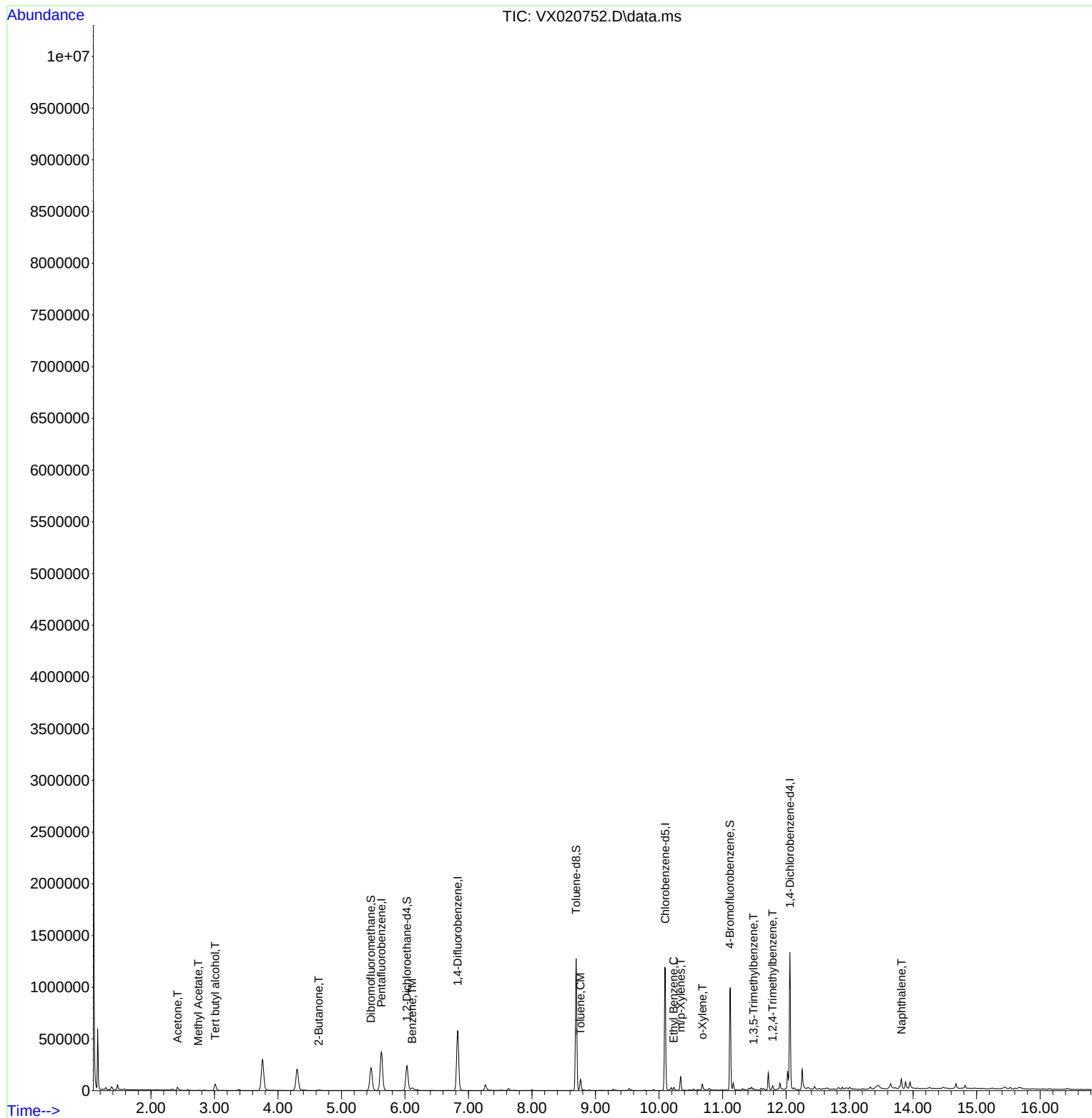
Internal Standards						
1) Pentafluorobenzene	5.629	168	350524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	584525	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	569491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	268457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	226077	47.29	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.58%		
35) Dibromofluoromethane	5.464	113	192401	48.05	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.10%		
50) Toluene-d8	8.695	98	740471	50.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.90%		
62) 4-Bromofluorobenzene	11.116	95	283437	49.72	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.44%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.013	59	13362	14.97	ug/l #	93
16) Acetone	2.416	43	30220	16.67	ug/l	94
18) Methyl Acetate	2.745	43	2727	0.59	ug/l	94
25) 2-Butanone	4.641	43	7891	2.78	ug/l #	88
40) Benzene	6.110	78	27950	1.62	ug/l	96
52) Toluene	8.762	92	39910	3.67	ug/l	99
67) Ethyl Benzene	10.232	91	15698	0.73	ug/l	95
68) m/p-Xylenes	10.341	106	29758	3.74	ug/l	97
69) o-Xylene	10.683	106	11824	1.58	ug/l	96
80) 1,3,5-Trimethylbenzene	11.487	105	5498	0.33	ug/l	96
84) 1,2,4-Trimethylbenzene	11.786	105	17571	1.05	ug/l	91
95) Naphthalene	13.816	128	57576	5.51	ug/l	99

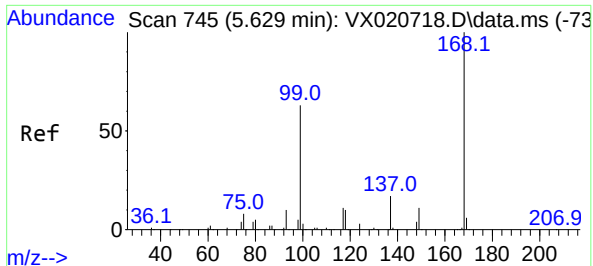
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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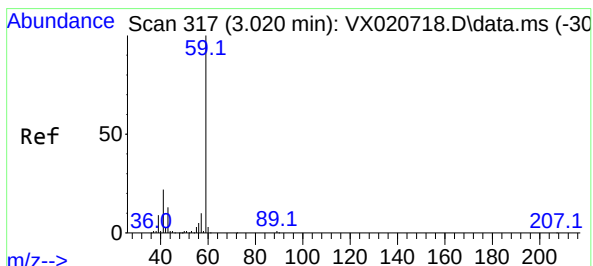
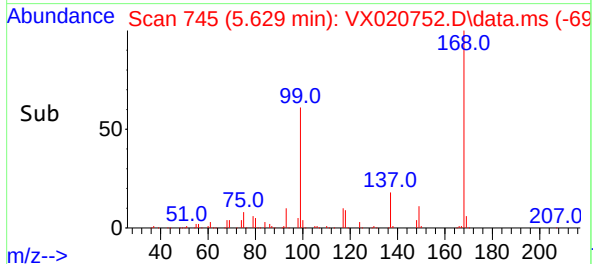
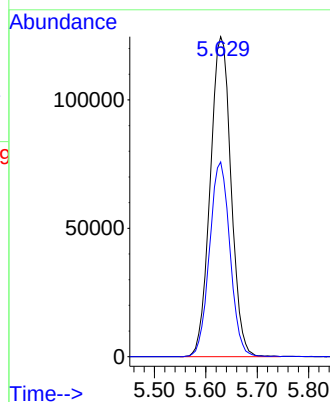
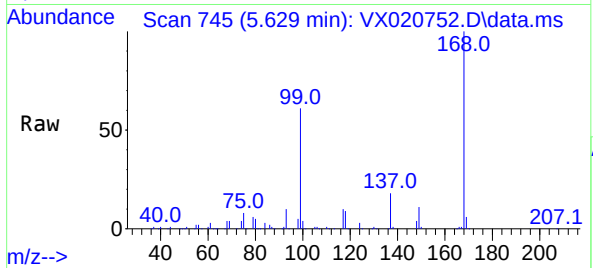




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

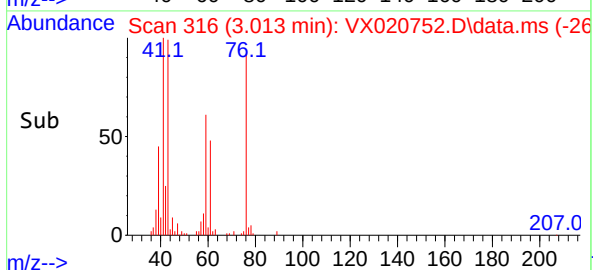
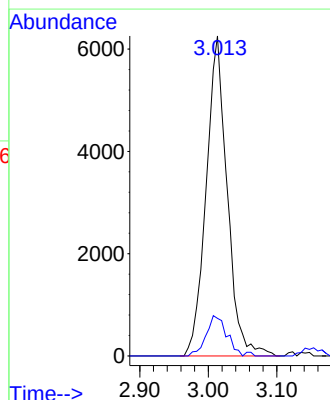
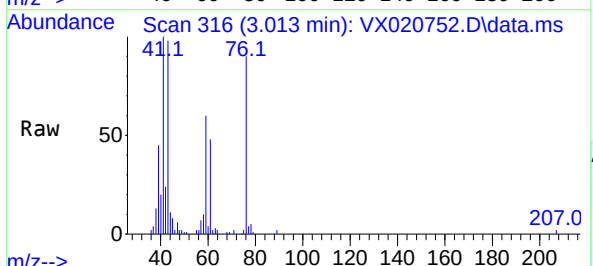
Instrument :
MSVOA_X
ClientSampleId :
41089

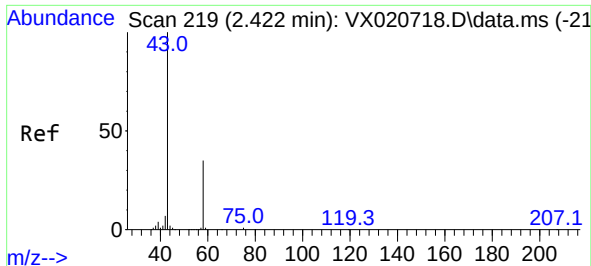
Tgt Ion:168 Resp: 350524
Ion Ratio Lower Upper
168 100
99 60.8 45.8 68.6



#11
Tert butyl alcohol
Concen: 14.97 ug/l
RT: 3.013 min Scan# 316
Delta R.T. -0.007 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

Tgt Ion: 59 Resp: 13362
Ion Ratio Lower Upper
59 100
57 12.2 7.8 11.8#

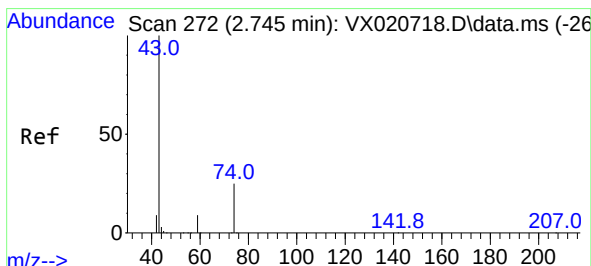
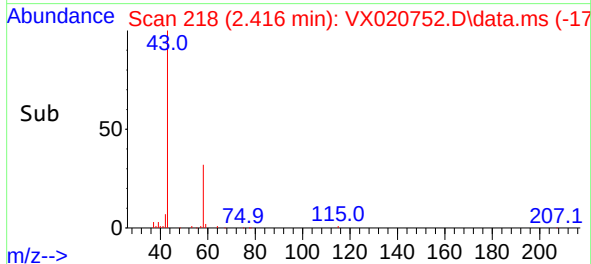
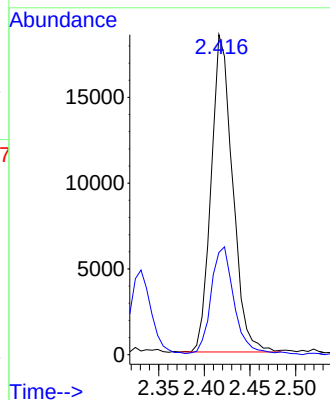
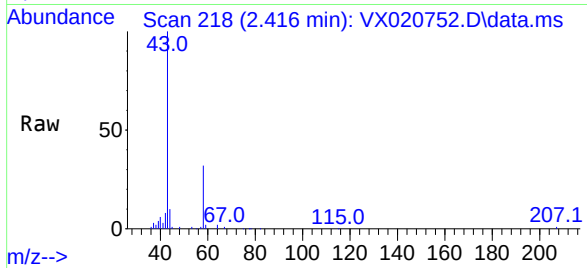




#16
Acetone
Concen: 16.67 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

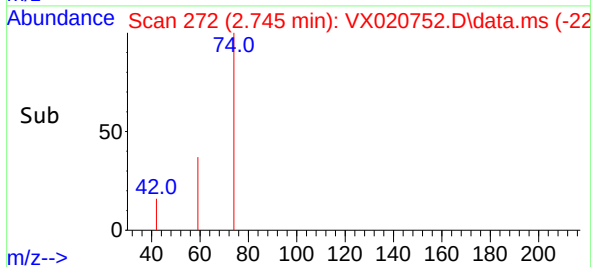
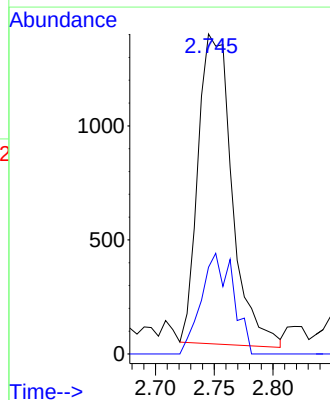
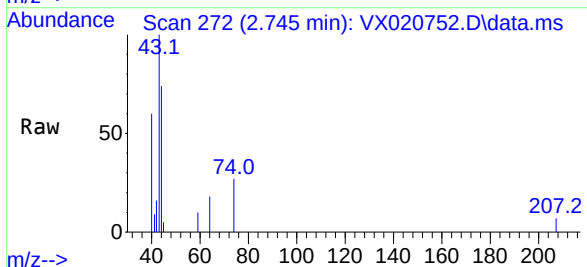
Instrument :
MSVOA_X
ClientSampleId :
41089

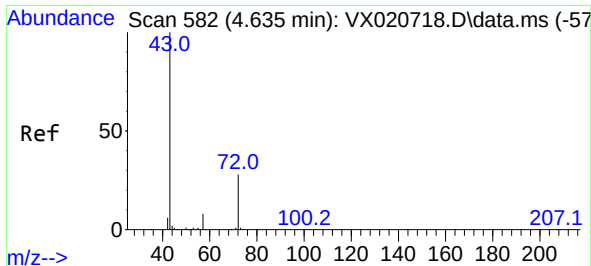
Tgt Ion: 43 Resp: 30220
Ion Ratio Lower Upper
43 100
58 31.6 27.8 41.8



#18
Methyl Acetate
Concen: 0.59 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

Tgt Ion: 43 Resp: 2727
Ion Ratio Lower Upper
43 100
74 30.5 21.9 32.9

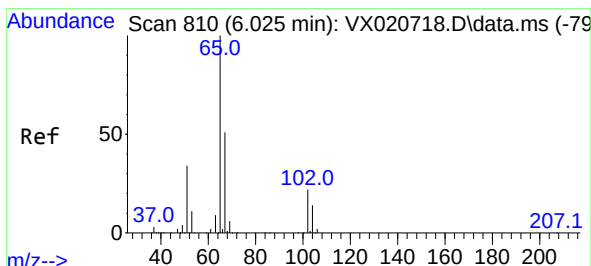
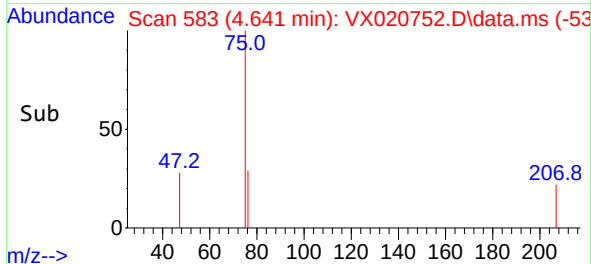
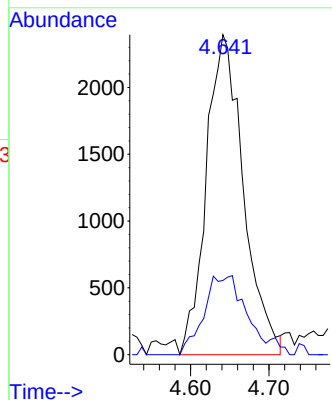
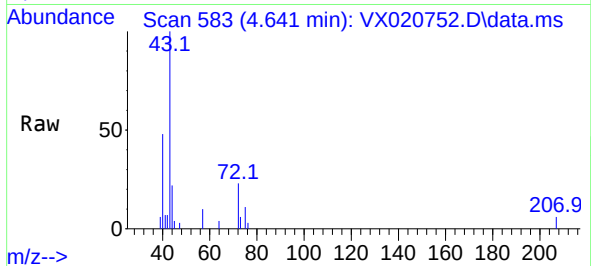




#25
2-Butanone
Concen: 2.78 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.006 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

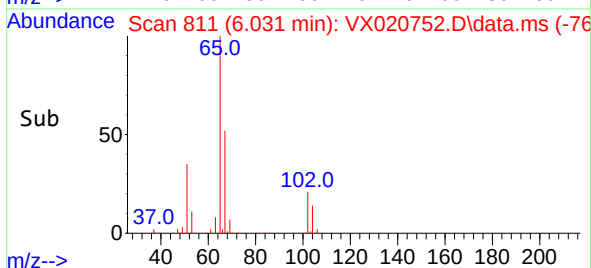
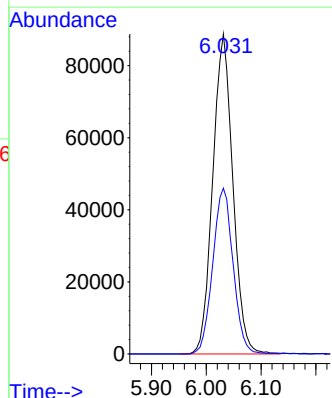
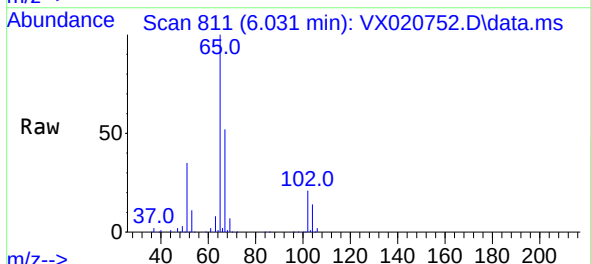
Instrument :
MSVOA_X
ClientSampled :
41089

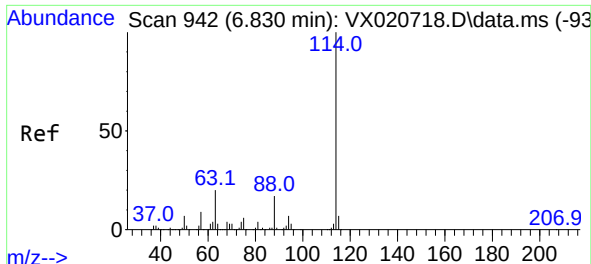
Tgt Ion: 43 Resp: 7891
Ion Ratio Lower Upper
43 100
72 23.2 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 47.29 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

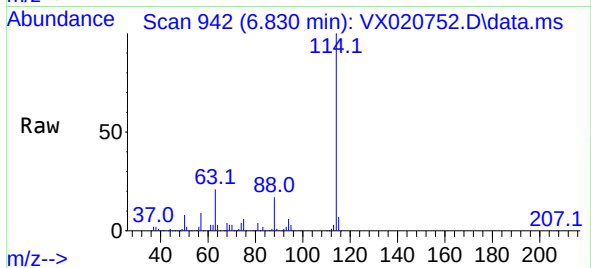
Tgt Ion: 65 Resp: 226077
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4



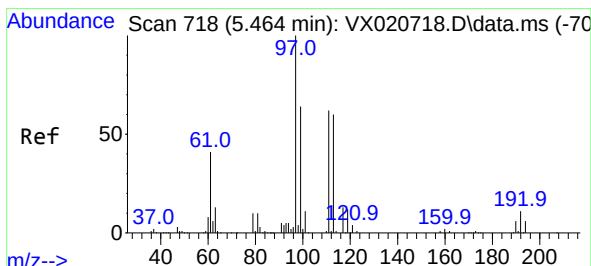
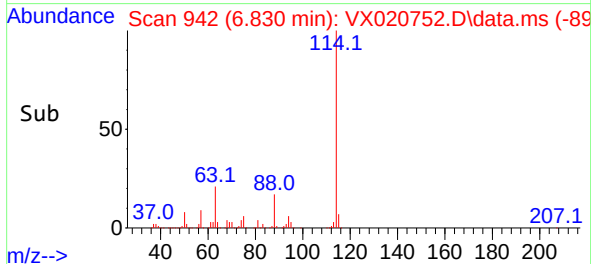
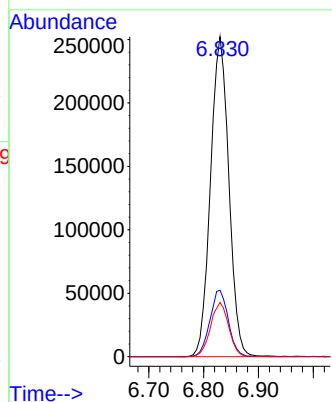


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

Instrument :
MSVOA_X
ClientSampleId :
41089

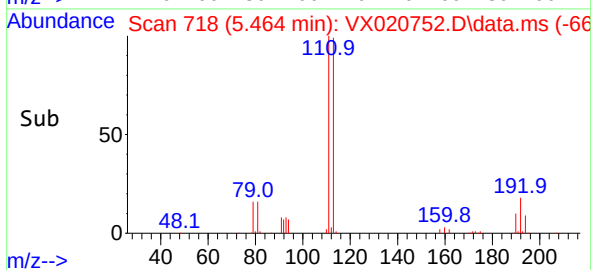
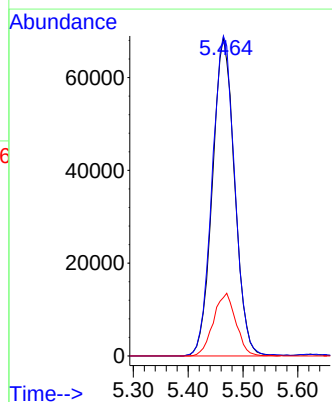
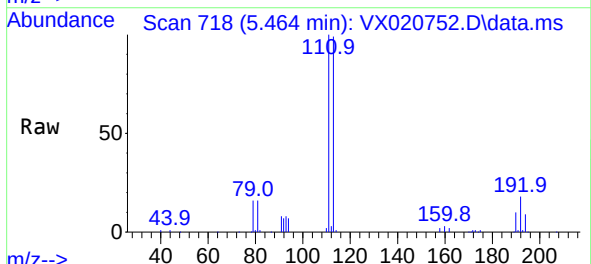


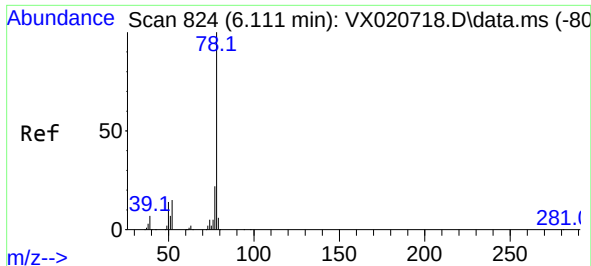
Tgt Ion:114 Resp: 584525
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.05 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

Tgt Ion:113 Resp: 192401
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 20.0 16.7 25.1

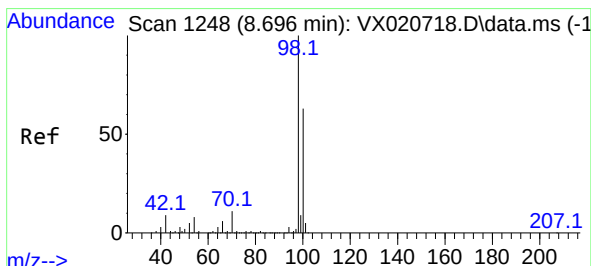
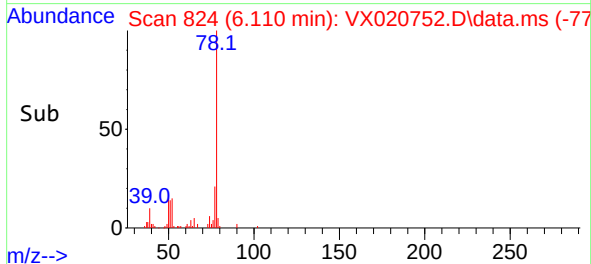
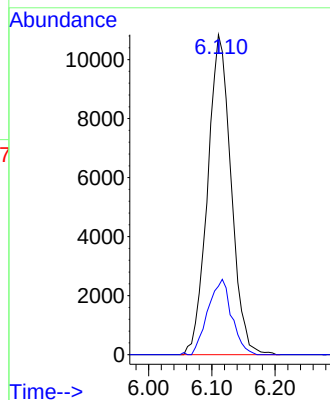
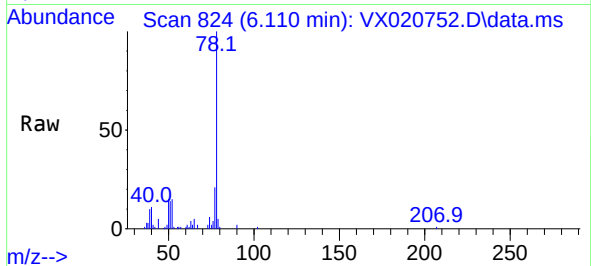




#40
Benzene
Concen: 1.62 ug/l
RT: 6.110 min Scan# 824
Delta R.T. -0.001 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

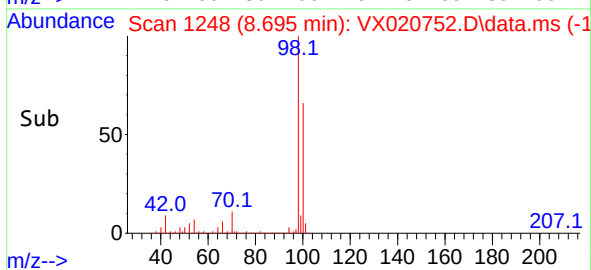
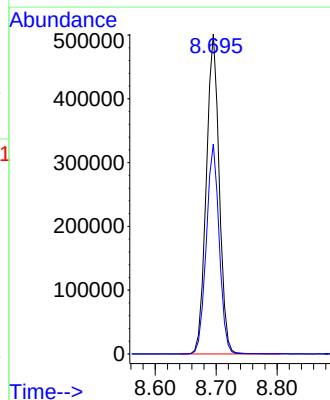
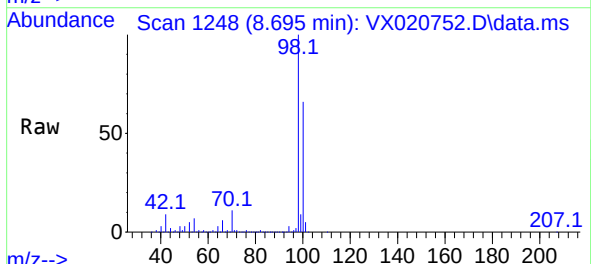
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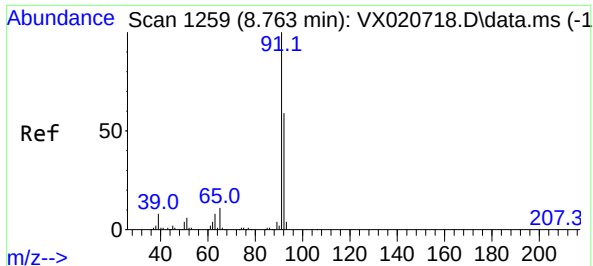
Tgt Ion: 78 Resp: 27950
Ion Ratio Lower Upper
78 100
77 21.4 18.9 28.3



#50
Toluene-d8
Concen: 50.45 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

Tgt Ion: 98 Resp: 740471
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

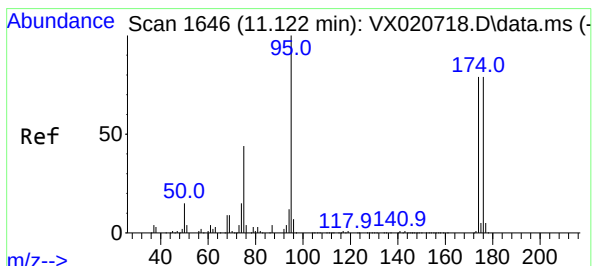
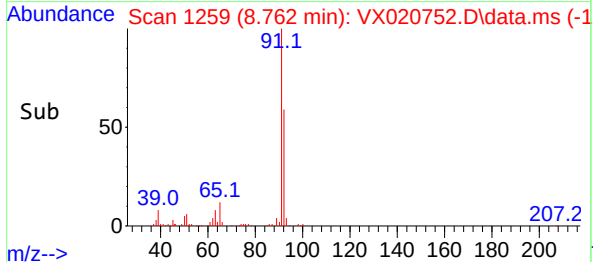
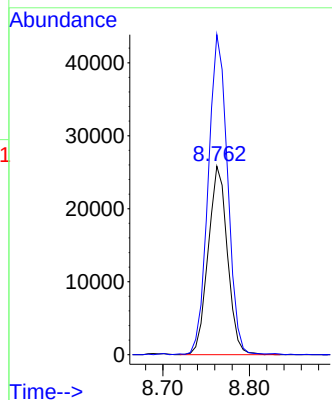
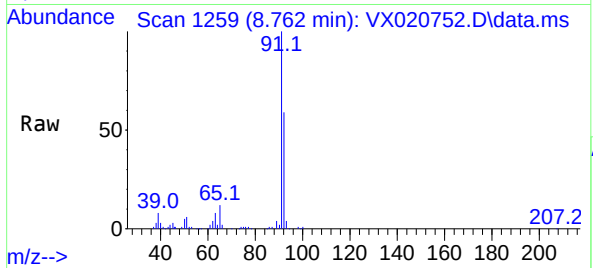




#52
Toluene
Concen: 3.67 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. -0.001 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

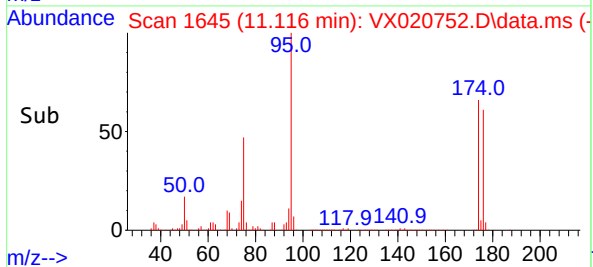
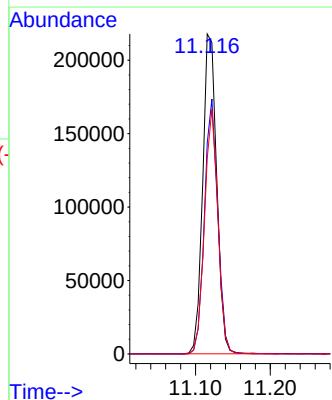
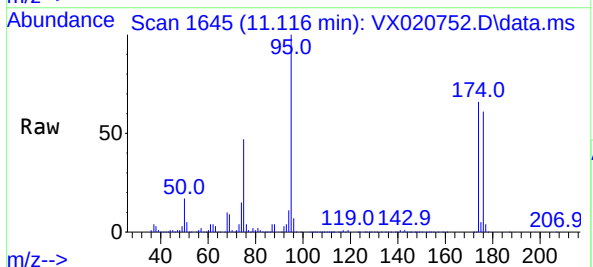
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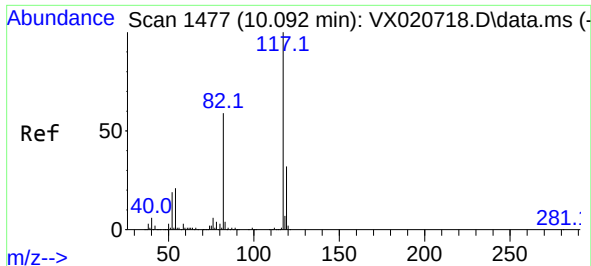
Tgt Ion: 92 Resp: 39910
Ion Ratio Lower Upper
92 100
91 169.8 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 49.72 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

Tgt Ion: 95 Resp: 283437
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 73.3 0.0 155.8

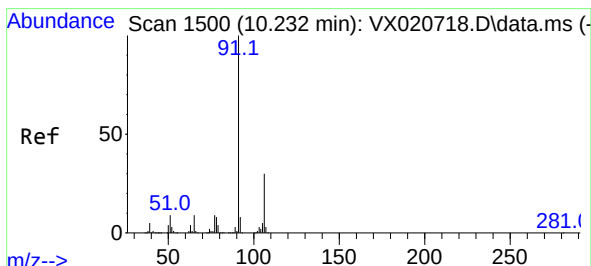
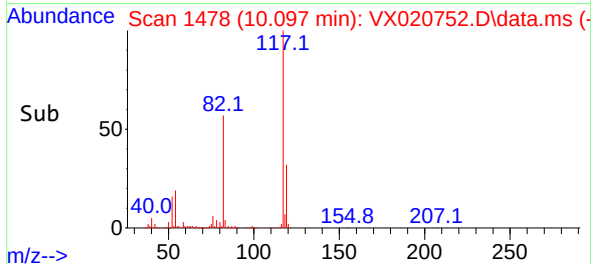
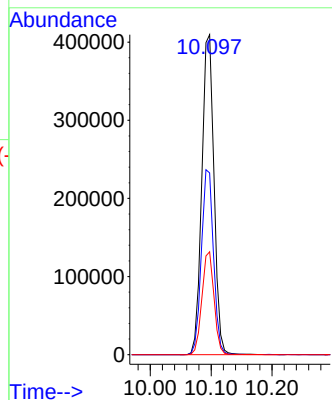
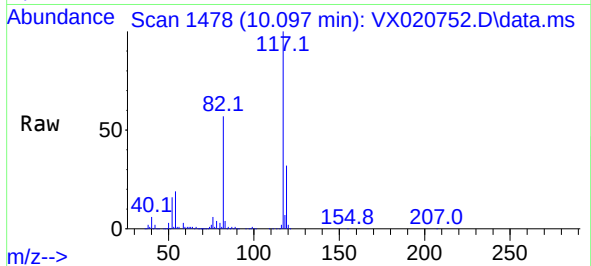




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

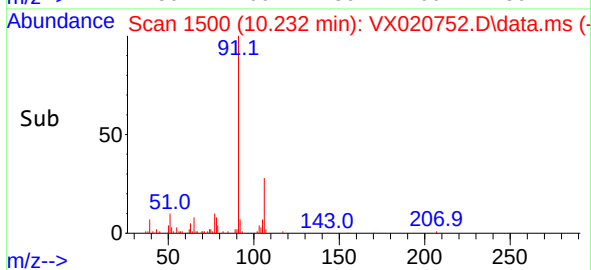
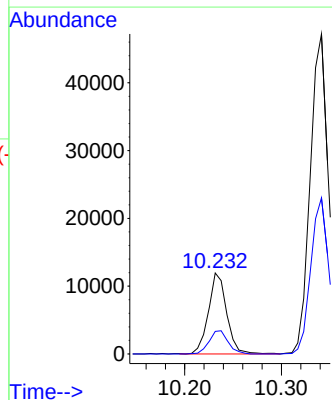
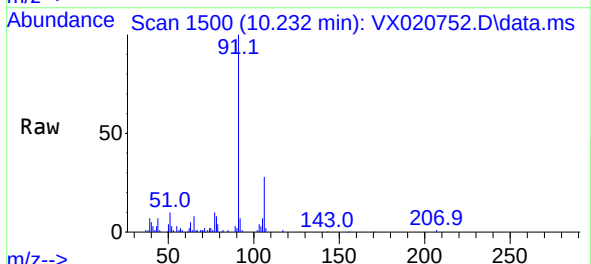
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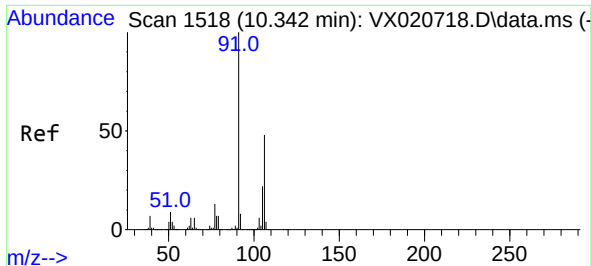
Tgt Ion:117 Resp: 569491
Ion Ratio Lower Upper
117 100
82 56.8 47.4 71.2
119 32.1 26.6 39.8



#67
Ethyl Benzene
Concen: 0.73 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

Tgt Ion: 91 Resp: 15698
Ion Ratio Lower Upper
91 100
106 27.8 24.6 37.0

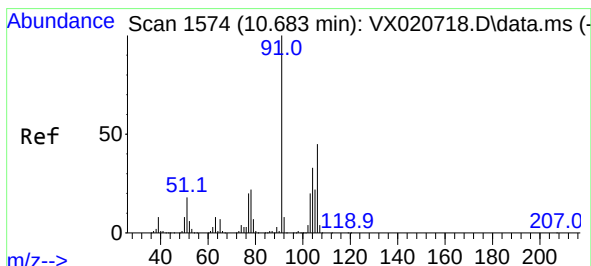
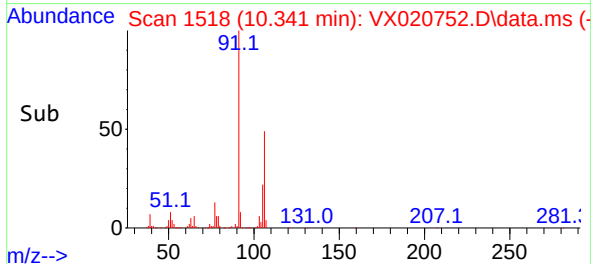
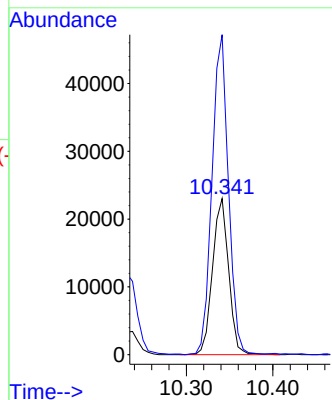
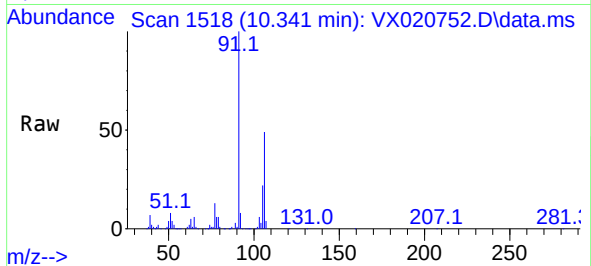




#68
m/p-Xylenes
Concen: 3.74 ug/l
RT: 10.341 min Scan# 1518
Delta R.T. -0.001 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

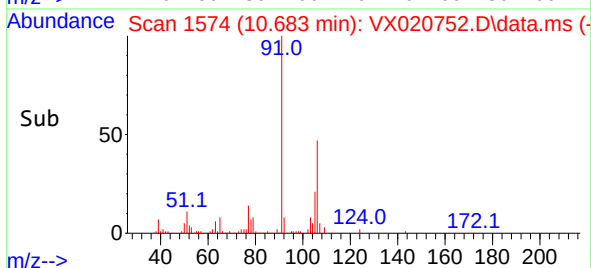
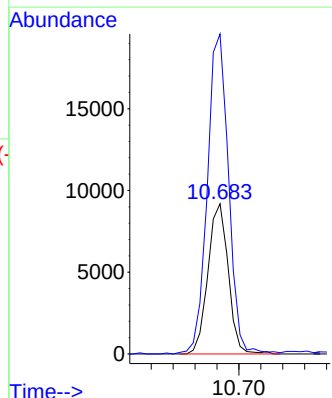
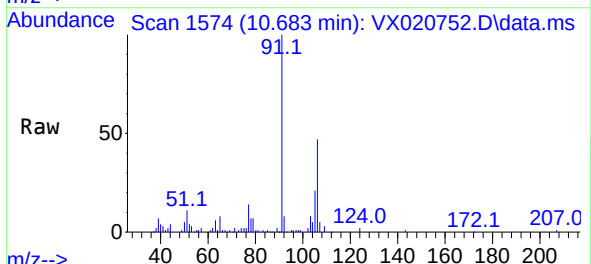
Instrument :
MSVOA_X
ClientSampled :
41089

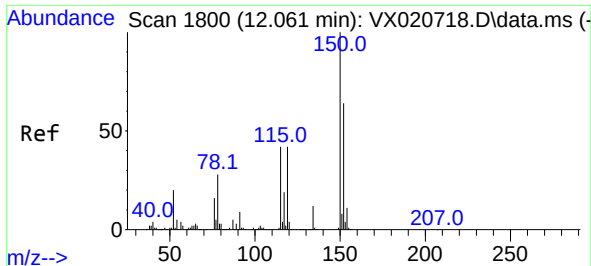
Tgt Ion:106 Resp: 29758
Ion Ratio Lower Upper
106 100
91 208.5 162.8 244.2



#69
o-Xylene
Concen: 1.58 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

Tgt Ion:106 Resp: 11824
Ion Ratio Lower Upper
106 100
91 222.5 108.1 324.2

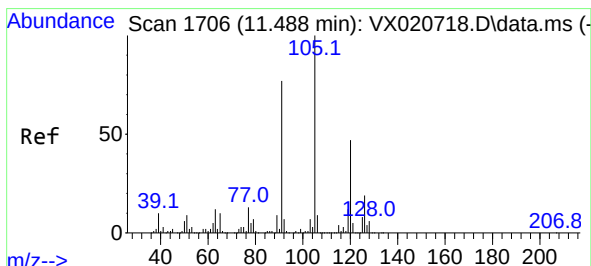
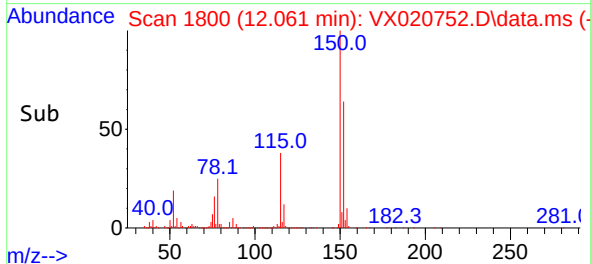
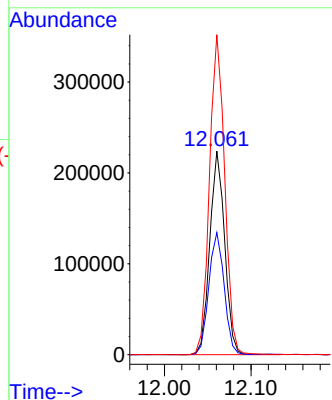
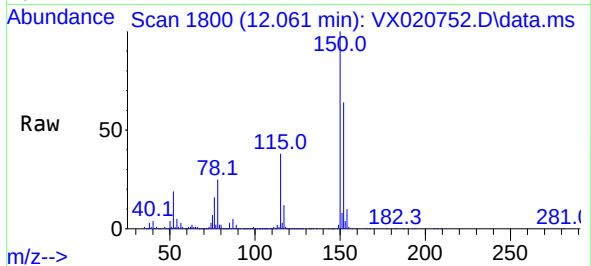




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

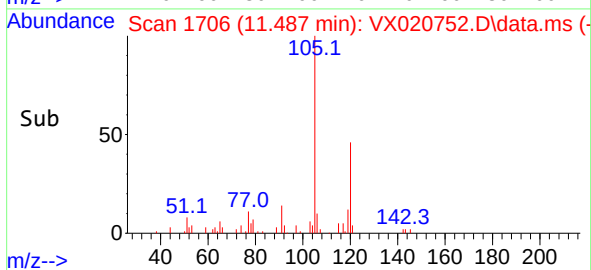
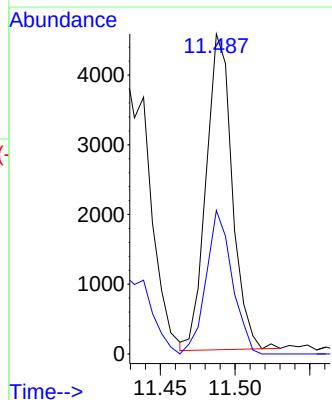
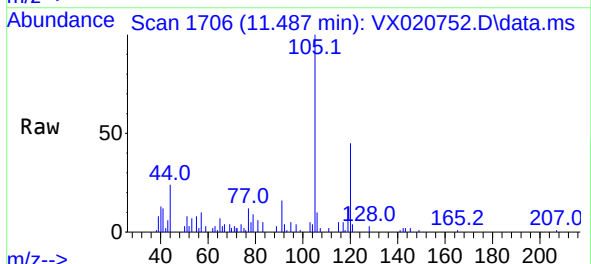
Instrument :
MSVOA_X
ClientSampleId :
41089

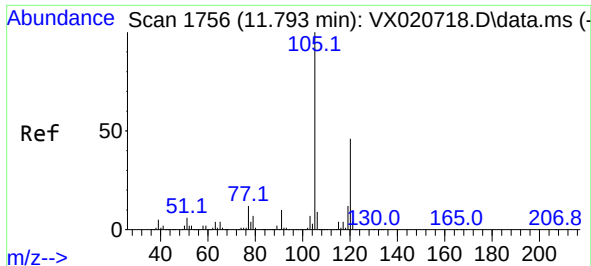
Tgt Ion:152 Resp: 268457
Ion Ratio Lower Upper
152 100
115 61.5 41.1 123.3
150 159.8 0.0 349.0



#80
1,3,5-Trimethylbenzene
Concen: 0.33 ug/l
RT: 11.487 min Scan# 1706
Delta R.T. -0.001 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

Tgt Ion:105 Resp: 5498
Ion Ratio Lower Upper
105 100
120 45.3 23.8 71.5

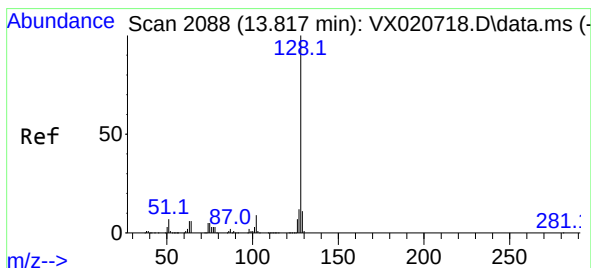
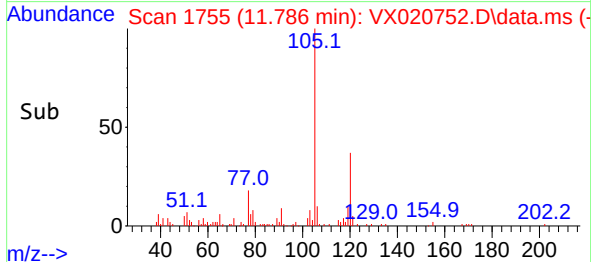
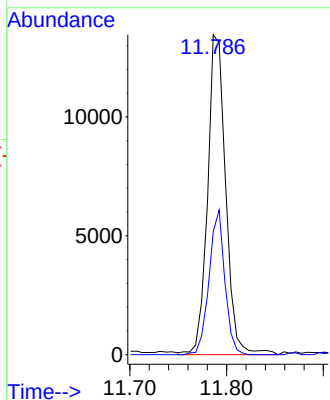
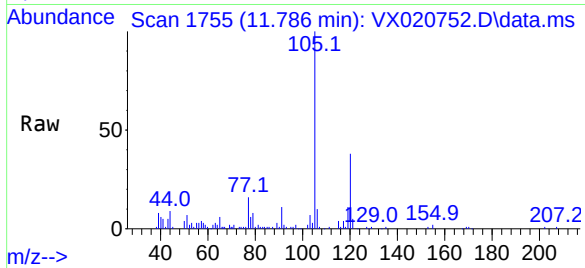




#84
1,2,4-Trimethylbenzene
Concen: 1.05 ug/l
RT: 11.786 min Scan# 1755
Delta R.T. -0.007 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

Instrument :
MSVOA_X
ClientSampled :
41089

Tgt Ion:105 Resp: 17571
Ion Ratio Lower Upper
105 100
120 39.2 22.4 67.3



#95
Naphthalene
Concen: 5.51 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020752.D
Acq: 26 Jan 2021 14:44

Tgt Ion:128 Resp: 57576
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.8 8.8 13.2

