

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
 Data File : VX020779.D
 Acq On : 27 Jan 2021 18:48
 Operator : JC/SP
 Sample : M1189-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41088

Quant Time: Jan 28 00:46:50 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)

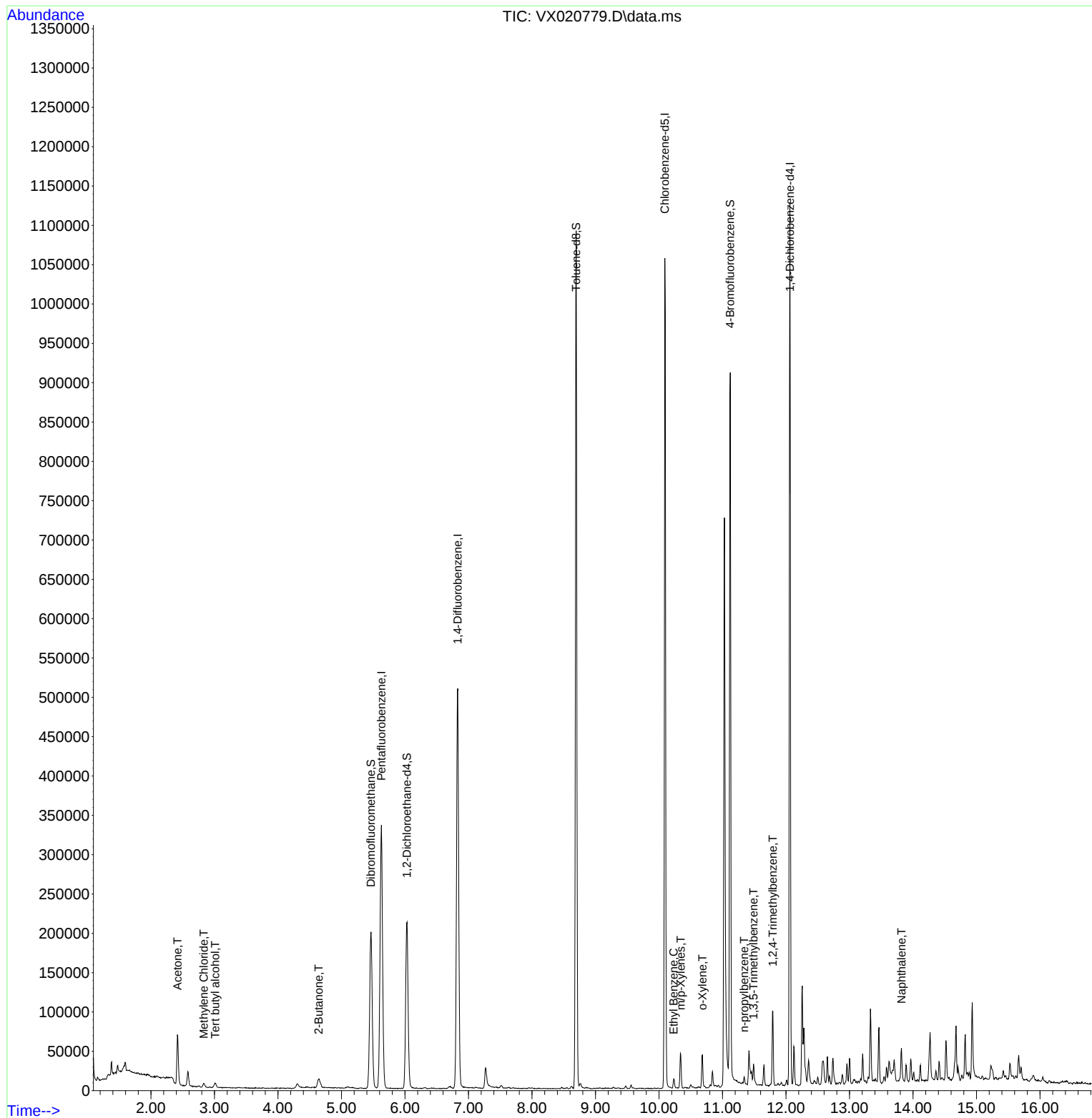
Internal Standards						
1) Pentafluorobenzene	5.629	168	305566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	520223	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	489166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	228823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	206602	49.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.14%		
35) Dibromofluoromethane	5.465	113	171868	48.23	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.46%		
50) Toluene-d8	8.696	98	646759	49.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.02%		
62) 4-Bromofluorobenzene	11.122	95	255620	50.38	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.76%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.014	59	6871	8.83	ug/l #	81
16) Acetone	2.416	43	66379	42.01	ug/l	100
20) Methylene Chloride	2.831	84	2176	0.55	ug/l #	91
25) 2-Butanone	4.642	43	15580	6.29	ug/l	93
67) Ethyl Benzene	10.232	91	6855	0.37	ug/l #	89
68) m/p-Xylenes	10.342	106	11516	1.68	ug/l	91
69) o-Xylene	10.683	106	9400	1.46	ug/l	98
78) n-propylbenzene	11.342	91	4797	0.25	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	11055	0.78	ug/l	99
84) 1,2,4-Trimethylbenzene	11.793	105	43004	3.02	ug/l	98
95) Naphthalene	13.817	128	26507	4.30	ug/l	97

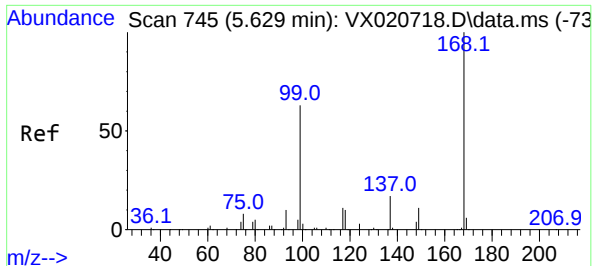
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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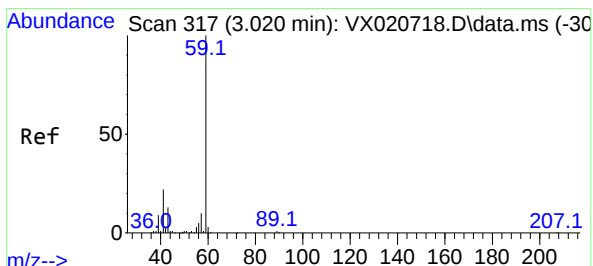
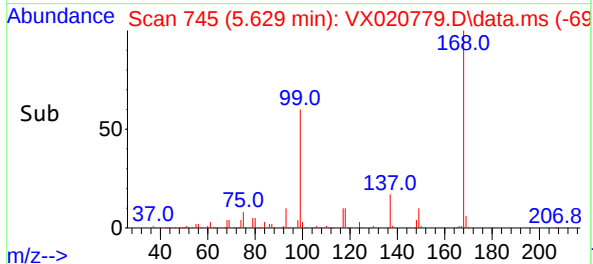
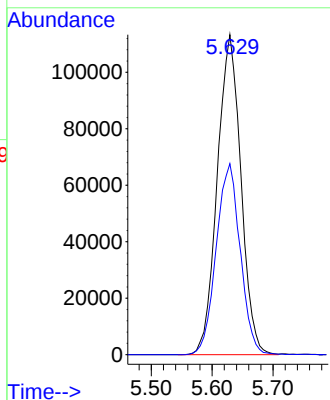
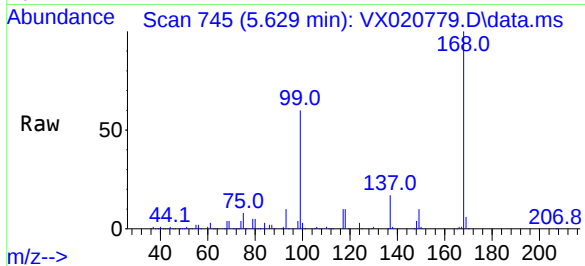




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

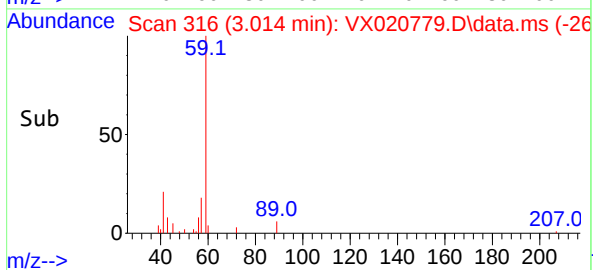
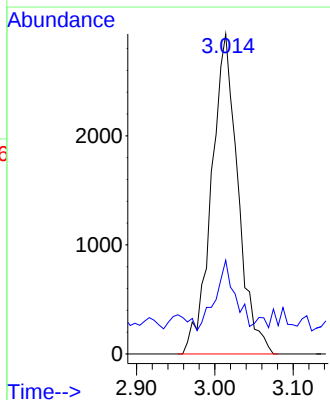
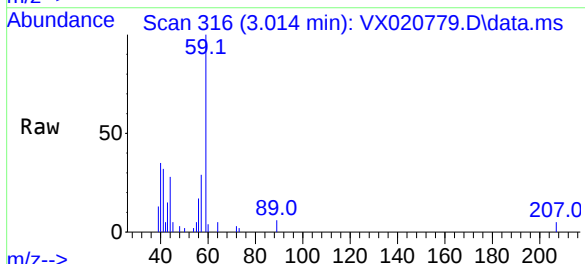
Instrument :
MSVOA_X
ClientSampleId :
41088

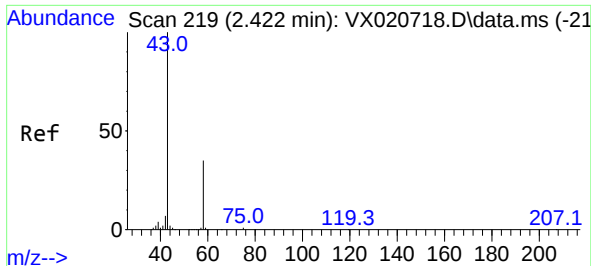
Tgt Ion:168 Resp: 305566
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#11
Tert butyl alcohol
Concen: 8.83 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.006 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

Tgt Ion: 59 Resp: 6871
Ion Ratio Lower Upper
59 100
57 16.8 7.8 11.8#

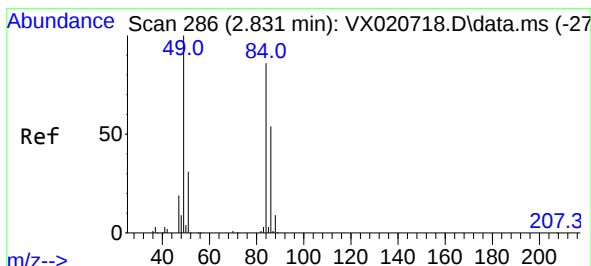
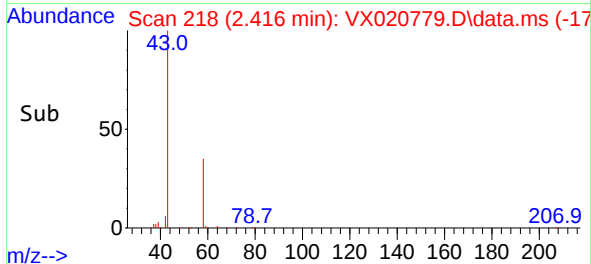
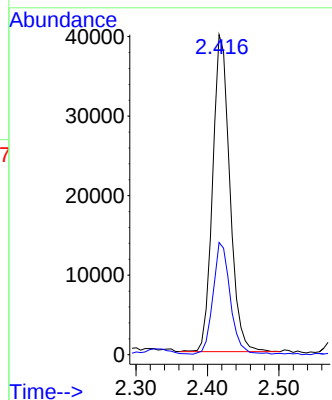
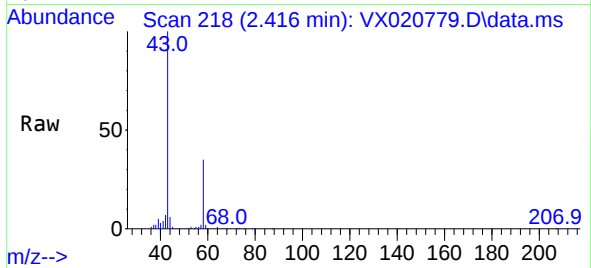




#16
Acetone
Concen: 42.01 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

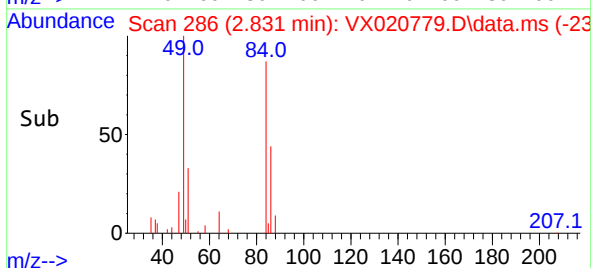
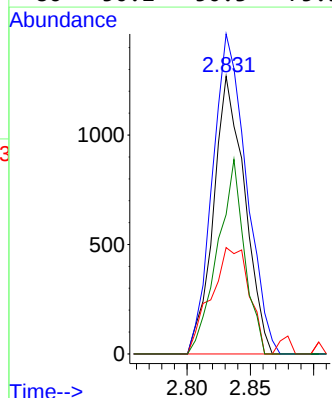
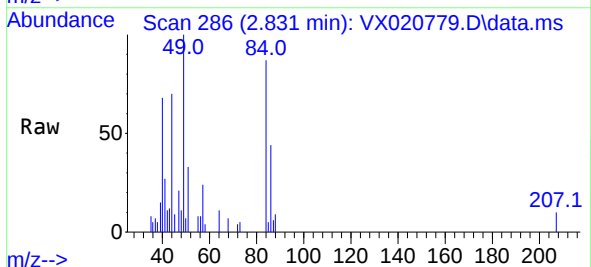
Instrument :
MSVOA_X
ClientSampleId :
41088

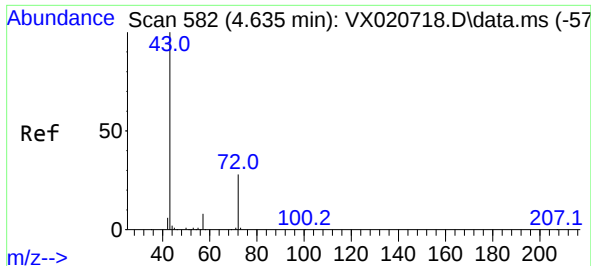
Tgt Ion: 43 Resp: 66379
Ion Ratio Lower Upper
43 100
58 35.0 27.8 41.8



#20
Methylene Chloride
Concen: 0.55 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

Tgt Ion: 84 Resp: 2176
Ion Ratio Lower Upper
84 100
49 115.3 88.6 132.8
51 38.3 27.0 40.6
86 50.2 50.3 75.5#

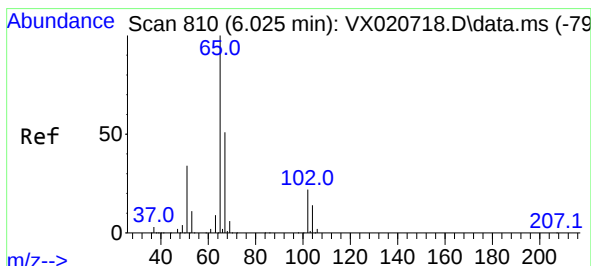
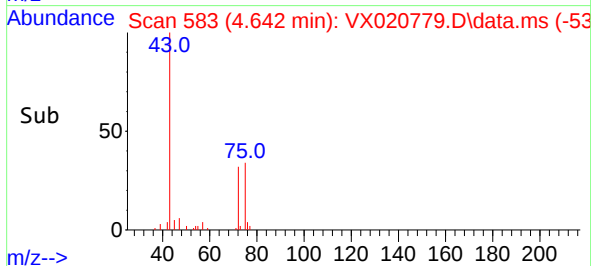
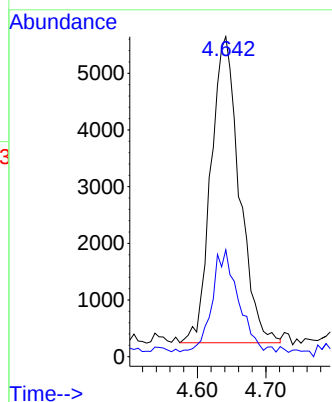
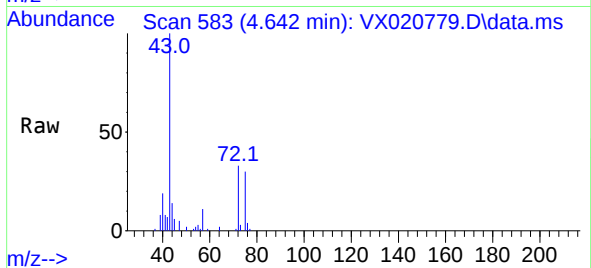




#25
2-Butanone
Concen: 6.29 ug/l
RT: 4.642 min Scan# 583
Delta R.T. 0.007 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

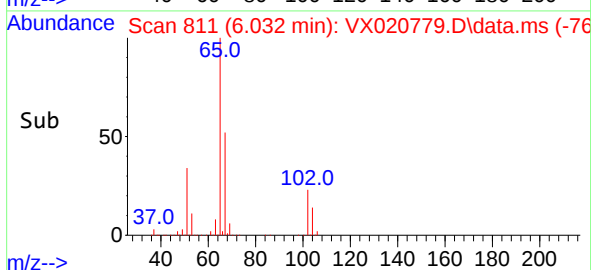
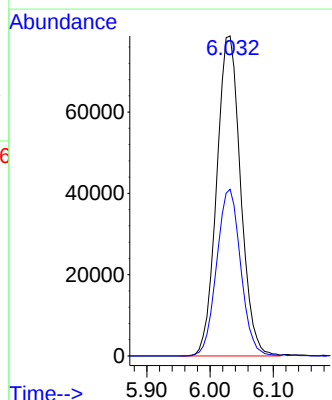
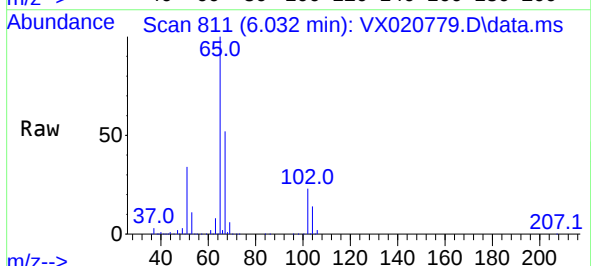
Instrument :
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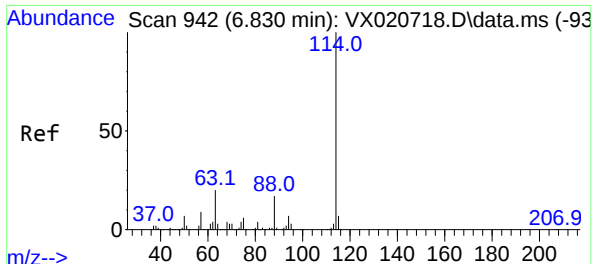
Tgt Ion: 43 Resp: 15580
Ion Ratio Lower Upper
43 100
72 33.3 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 49.57 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

Tgt Ion: 65 Resp: 206602
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4



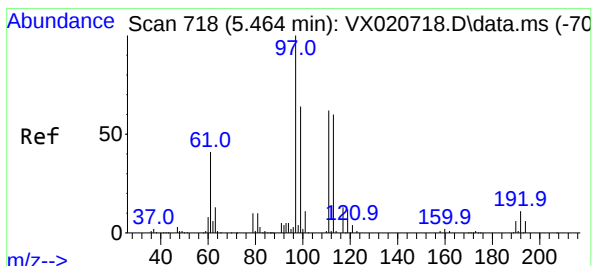
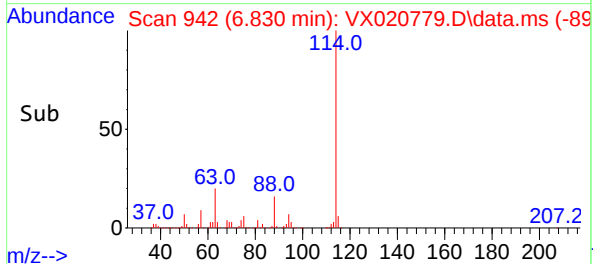
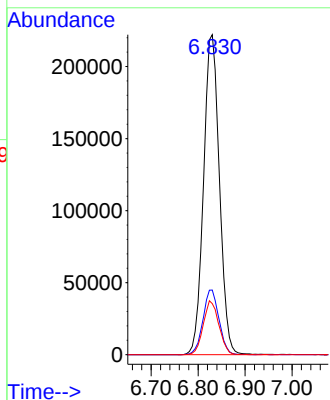
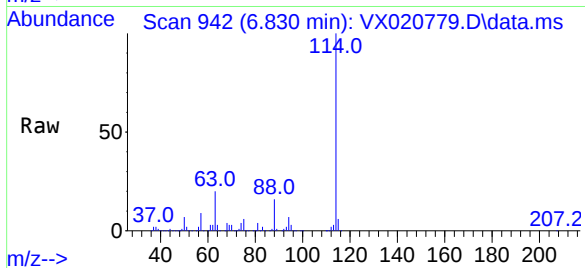


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

Instrument :
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ClientSampleId :
41088

Tgt Ion:114 Resp: 520223

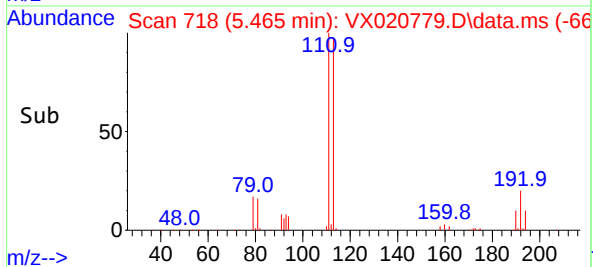
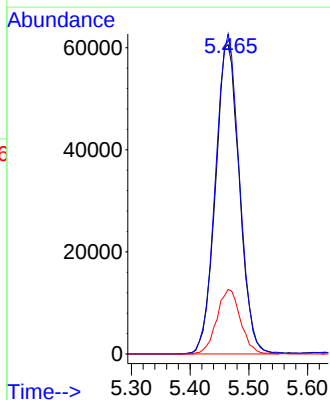
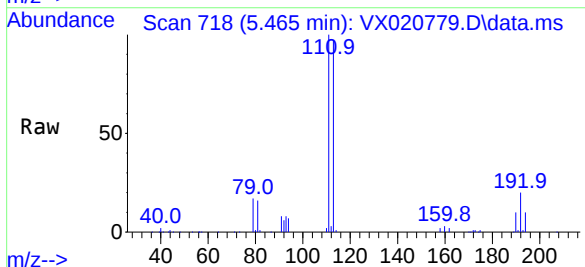
Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	15.9	0.0	32.8

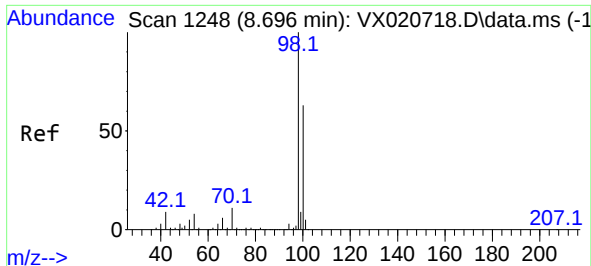


#35
Dibromofluoromethane
Concen: 48.23 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

Tgt Ion:113 Resp: 171868

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	20.6	16.7	25.1

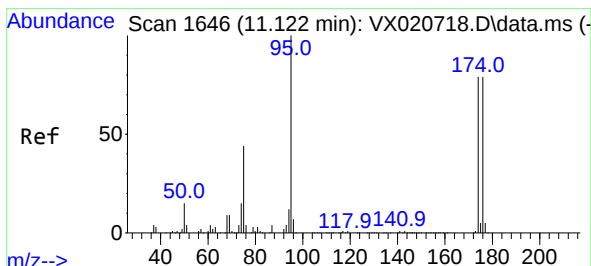
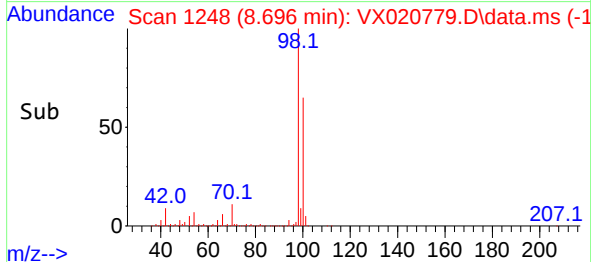
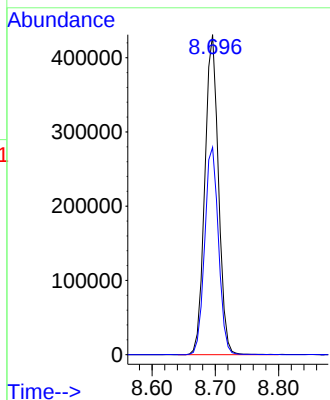
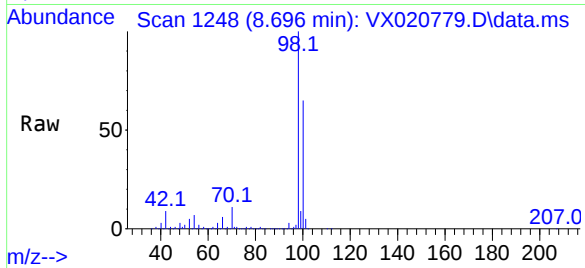




#50
Toluene-d8
Concen: 49.51 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

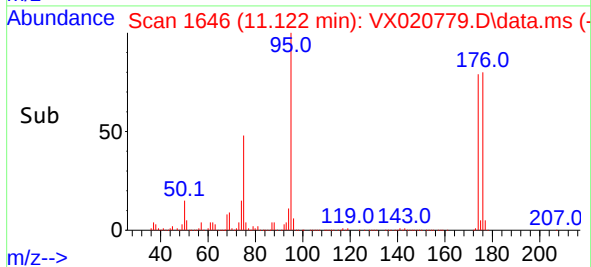
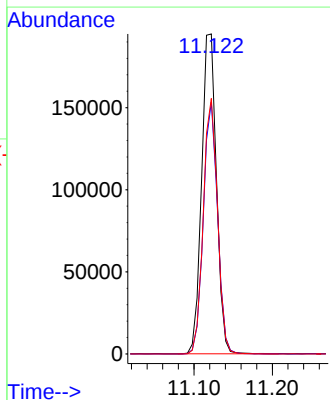
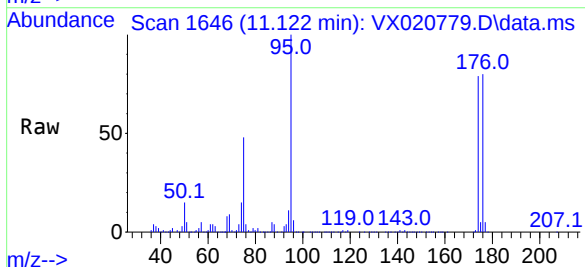
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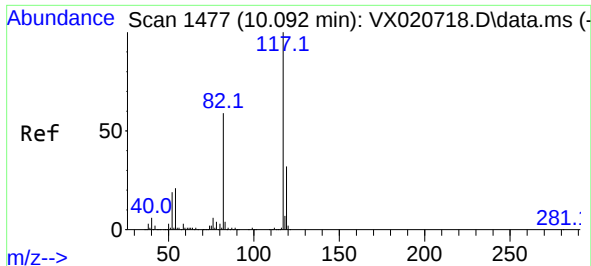
Tgt Ion: 98 Resp: 646759
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 50.38 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

Tgt Ion: 95 Resp: 255620
Ion Ratio Lower Upper
95 100
174 75.2 0.0 154.6
176 76.5 0.0 155.8

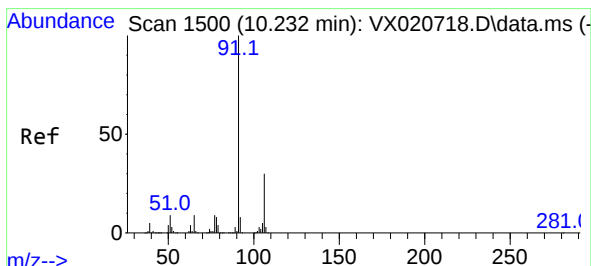
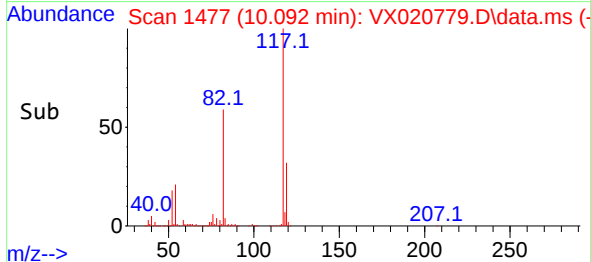
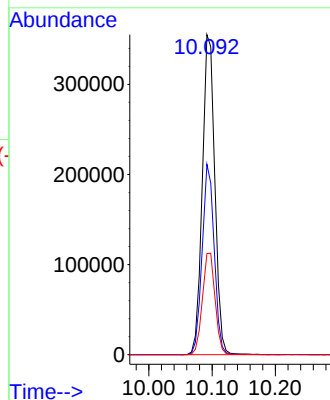
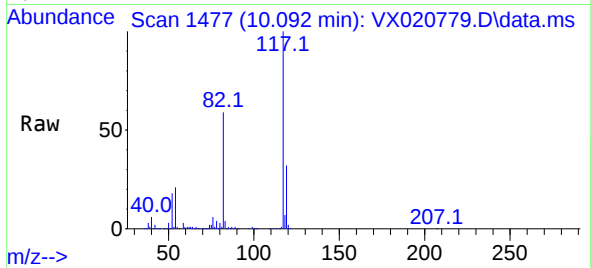




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

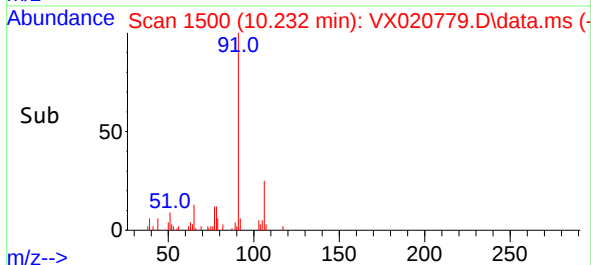
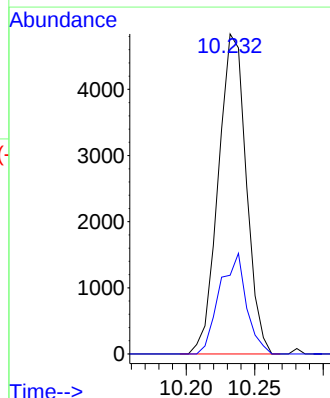
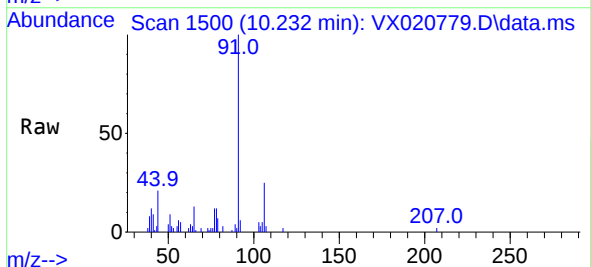
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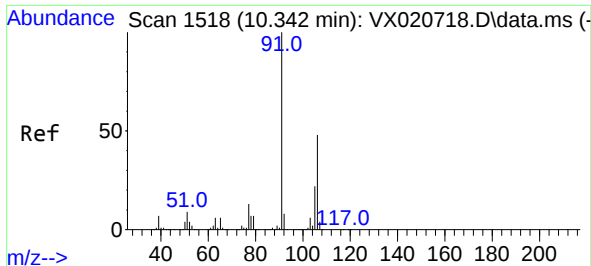
Tgt Ion:117 Resp: 489166
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 31.6 26.6 39.8



#67
Ethyl Benzene
Concen: 0.37 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

Tgt Ion: 91 Resp: 6855
Ion Ratio Lower Upper
91 100
106 24.6 24.6 37.0#

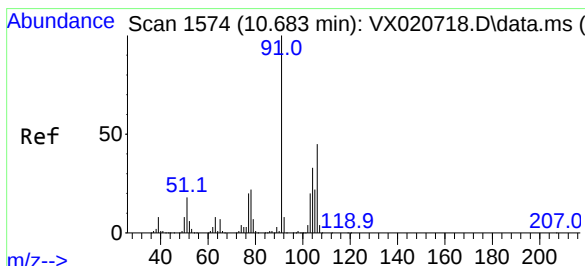
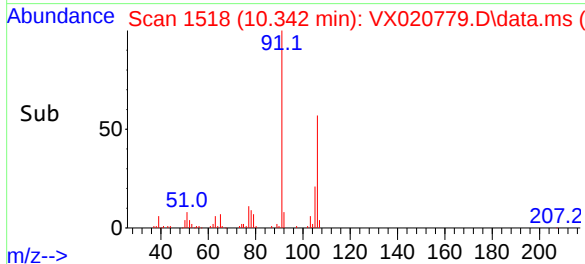
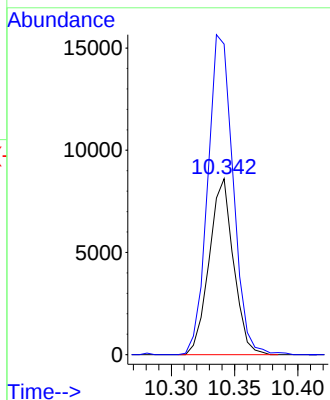
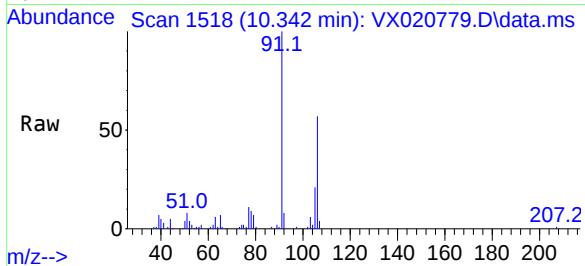




#68
m/p-Xylenes
Concen: 1.68 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

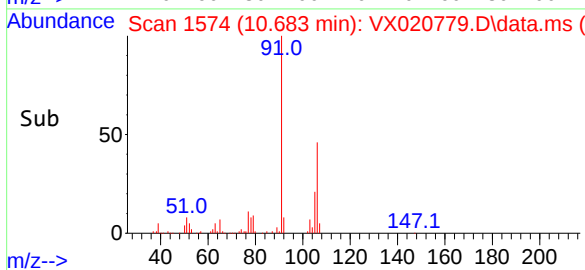
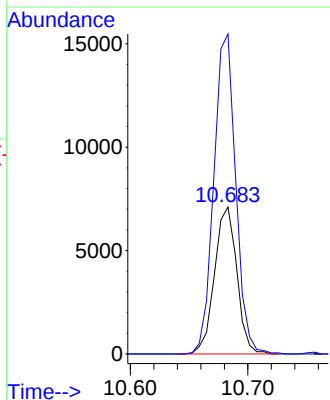
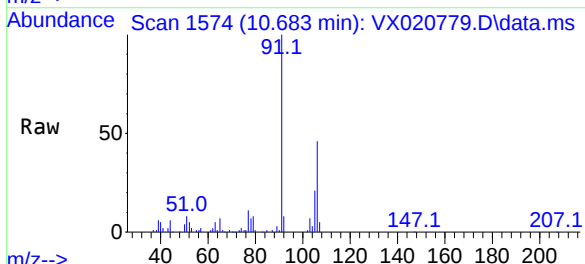
Instrument :
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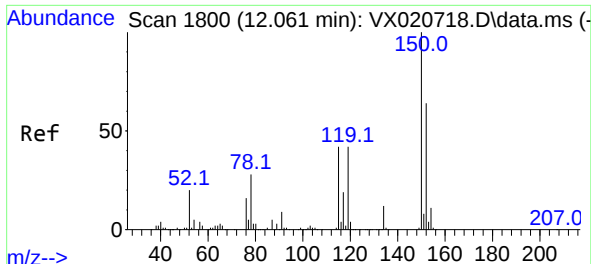
Tgt Ion:106 Resp: 11516
Ion Ratio Lower Upper
106 100
91 189.9 162.8 244.2



#69
o-Xylene
Concen: 1.46 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

Tgt Ion:106 Resp: 9400
Ion Ratio Lower Upper
106 100
91 213.5 108.1 324.2

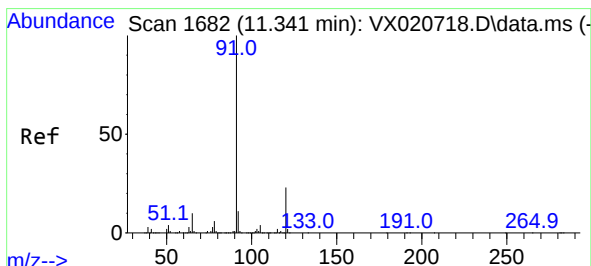
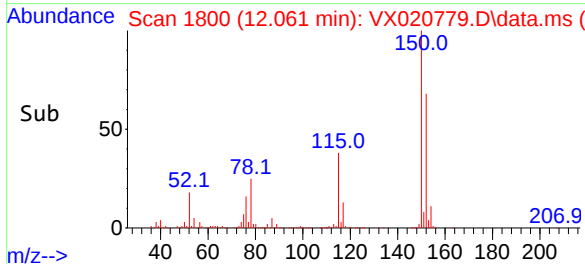
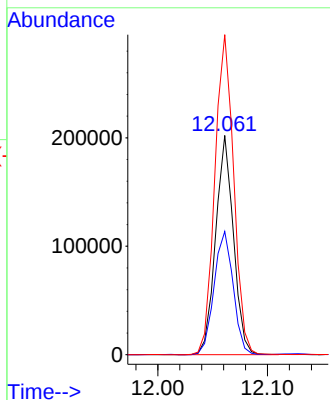
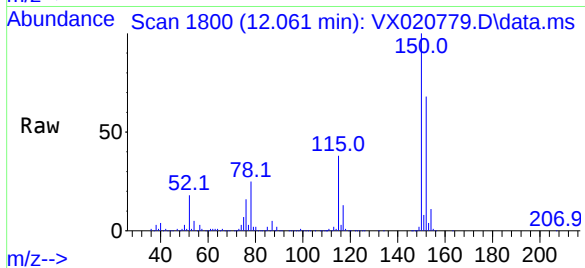




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

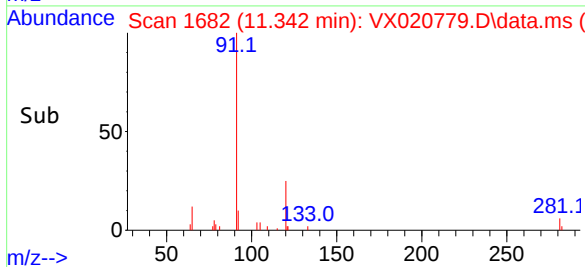
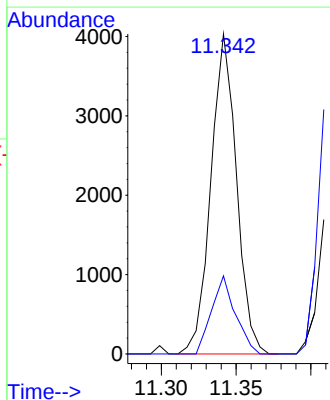
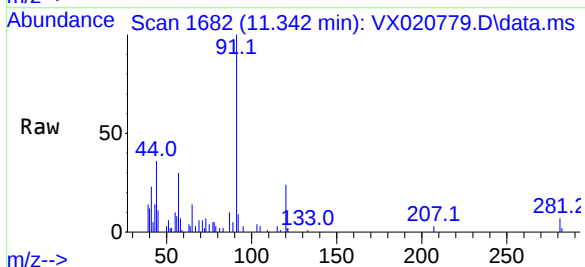
Instrument :
MSVOA_X
ClientSampleId :
41088

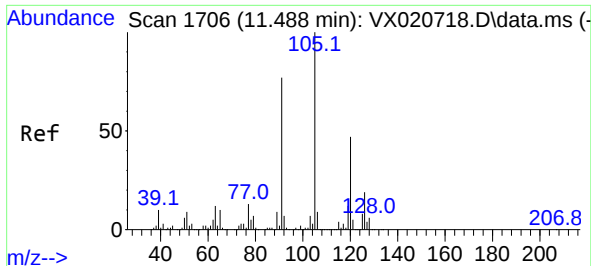
Tgt Ion:152 Resp: 228823
Ion Ratio Lower Upper
152 100
115 60.1 41.1 123.3
150 154.7 0.0 349.0



#78
n-propylbenzene
Concen: 0.25 ug/l
RT: 11.342 min Scan# 1682
Delta R.T. 0.001 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

Tgt Ion: 91 Resp: 4797
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5

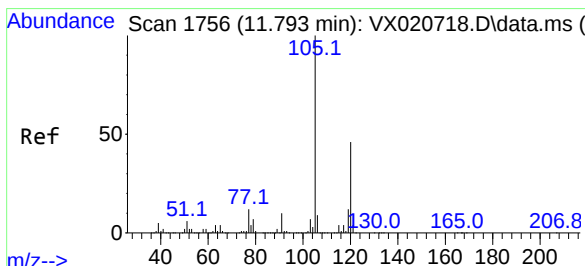
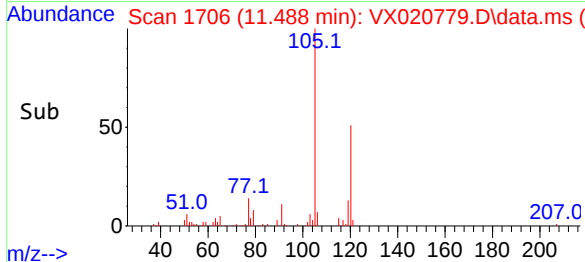
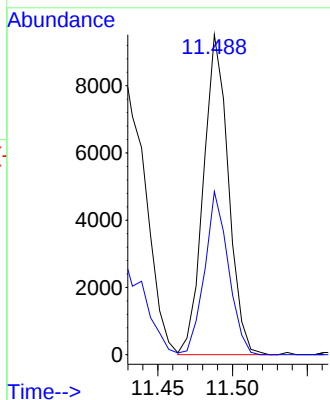
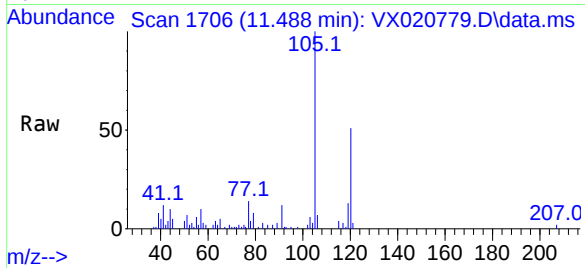




#80
1,3,5-Trimethylbenzene
Concen: 0.78 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

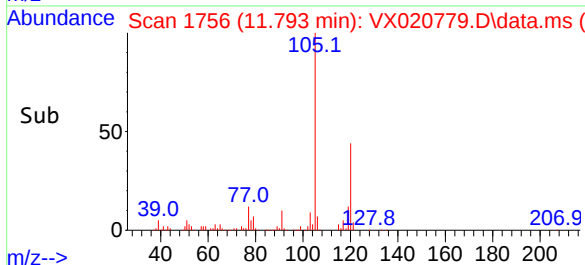
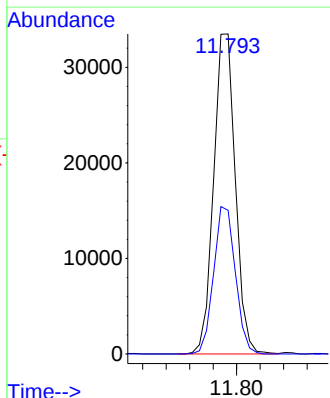
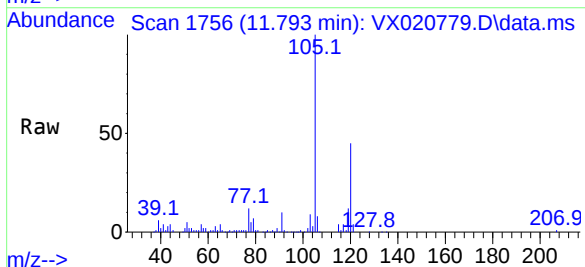
Instrument :
MSVOA_X
ClientSampleId :
41088

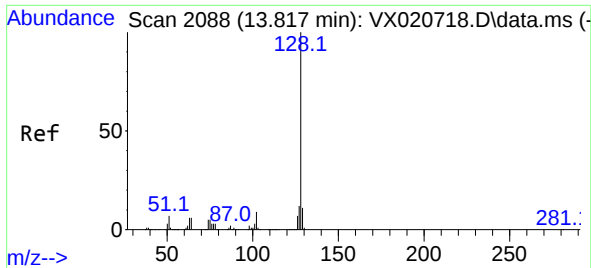
Tgt Ion:105 Resp: 11055
Ion Ratio Lower Upper
105 100
120 48.5 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 3.02 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

Tgt Ion:105 Resp: 43004
Ion Ratio Lower Upper
105 100
120 46.1 22.4 67.3





#95
Naphthalene
Concen: 4.30 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020779.D
Acq: 27 Jan 2021 18:48

Instrument :
MSVOA_X
ClientSampleId :
41088

Tgt Ion:	128	Resp:	26507
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	12.9	8.8	13.2

