

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020754.D
 Acq On : 26 Jan 2021 15:31
 Operator : JC/SP
 Sample : M1189-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41091

Quant Time: Jan 27 00:55:59 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)

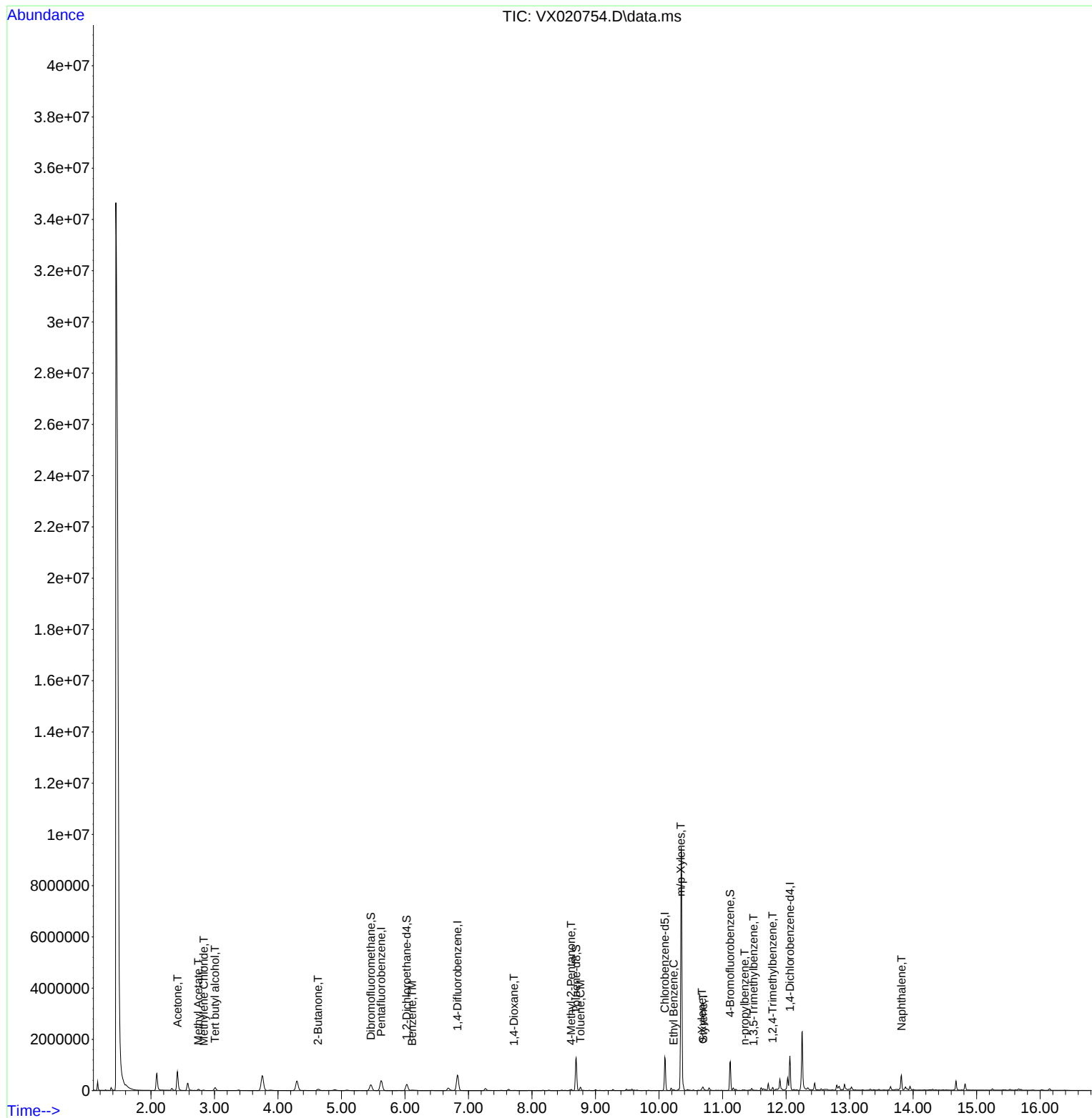
Internal Standards						
1) Pentafluorobenzene	5.623	168	360159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	619214	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	598640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	275115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	233066	47.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.88%		
35) Dibromofluoromethane	5.464	113	198524	46.81	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.62%		
50) Toluene-d8	8.696	98	773271	49.73	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.46%		
62) 4-Bromofluorobenzene	11.122	95	294748	48.81	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.62%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	3.008	59	101170	110.32	ug/l	98
16) Acetone	2.416	43	760412	408.26	ug/l	100
18) Methyl Acetate	2.745	43	58162	12.22	ug/l	98
20) Methylene Chloride	2.831	84	4425	0.94	ug/l	91
25) 2-Butanone	4.629	43	86489	29.65	ug/l	99
40) Benzene	6.111	78	18578	1.01	ug/l	96
49) 1,4-Dioxane	7.714	88	3231	29.03	ug/l #	81
51) 4-Methyl-2-Pentanone	8.616	43	29698	5.01	ug/l #	83
52) Toluene	8.763	92	48555	4.22	ug/l	99
67) Ethyl Benzene	10.232	91	17812	0.79	ug/l	93
68) m/p-Xylenes	10.342	106	35435	4.23	ug/l	94
69) o-Xylene	10.677	106	15150	1.92	ug/l	97
70) Styrene	10.695	104	44112	3.26	ug/l	96
78) n-propylbenzene	11.348	91	7446	0.32	ug/l #	67
80) 1,3,5-Trimethylbenzene	11.488	105	5794	0.34	ug/l	99
84) 1,2,4-Trimethylbenzene	11.787	105	41571	2.42	ug/l	71
95) Naphthalene	13.817	128	343869	18.23	ug/l	99

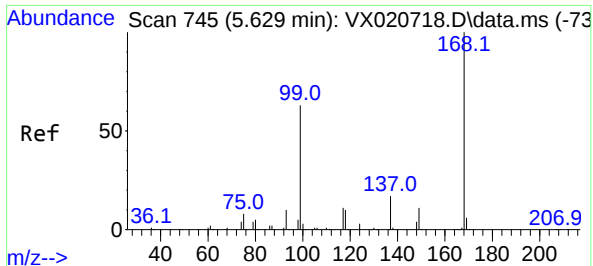
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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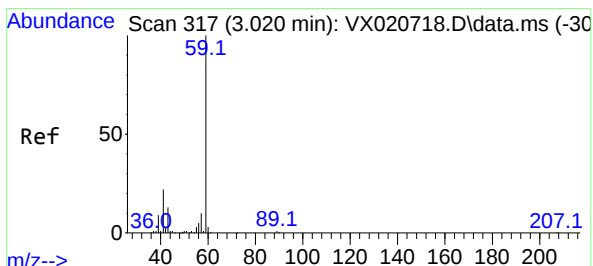
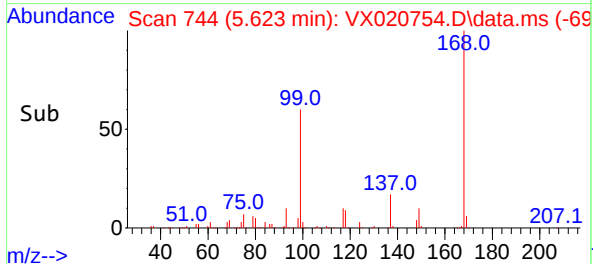
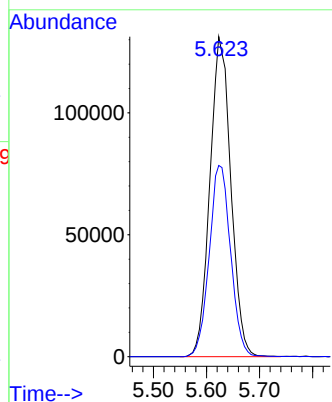
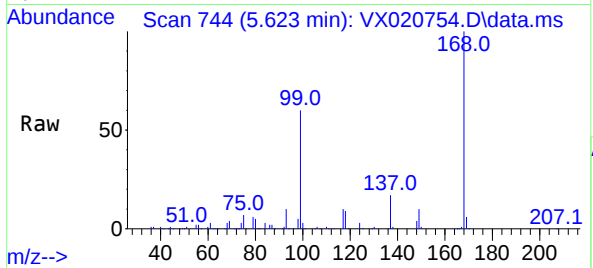




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

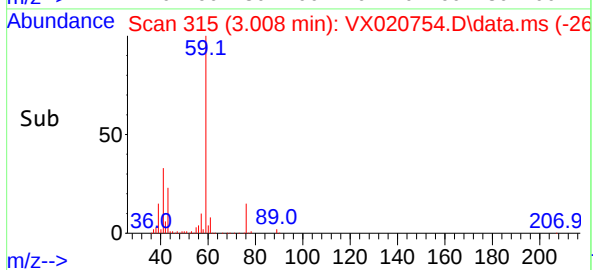
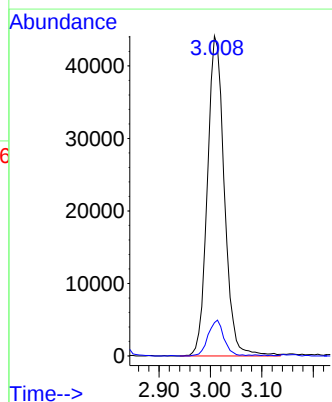
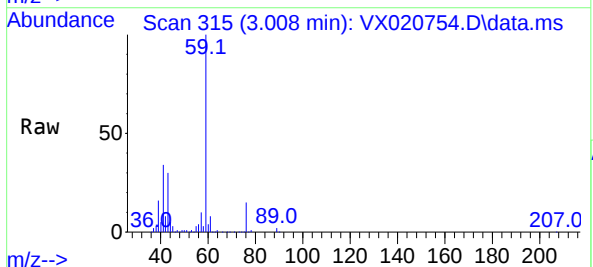
Instrument :
MSVOA_X
ClientSampleId :
41091

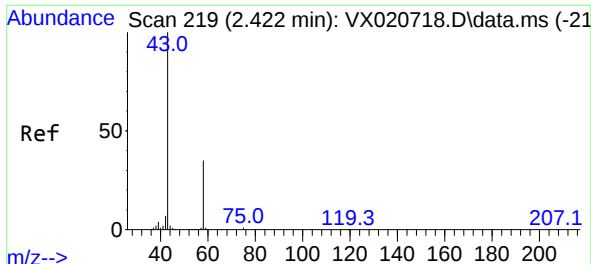
Tgt Ion:168 Resp: 360159
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#11
Tert butyl alcohol
Concen: 110.32 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Tgt Ion: 59 Resp: 101170
Ion Ratio Lower Upper
59 100
57 10.5 7.8 11.8

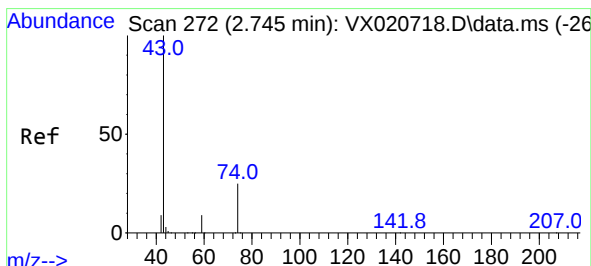
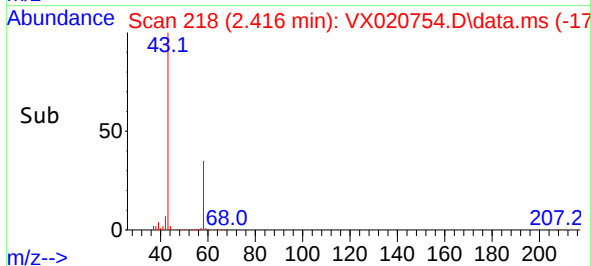
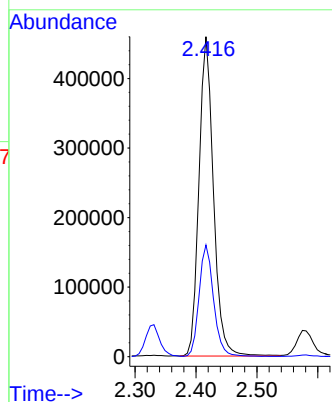
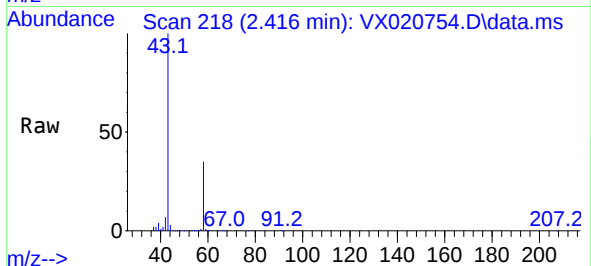




#16
Acetone
Concen: 408.26 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

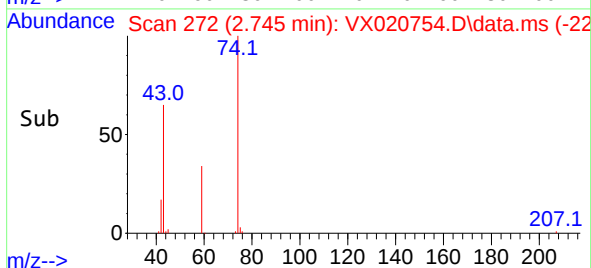
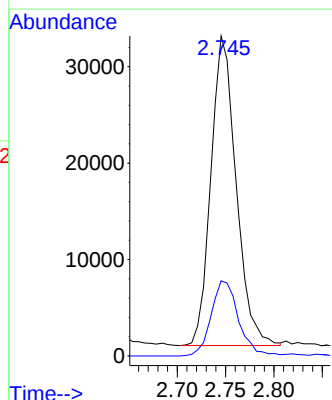
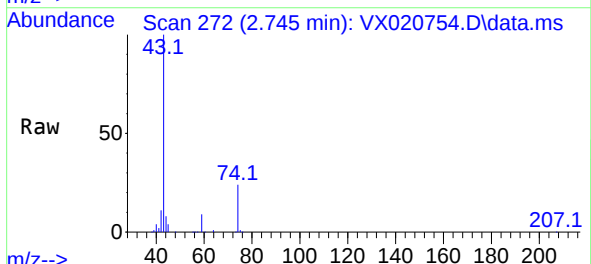
Instrument :
MSVOA_X
ClientSampleId :
41091

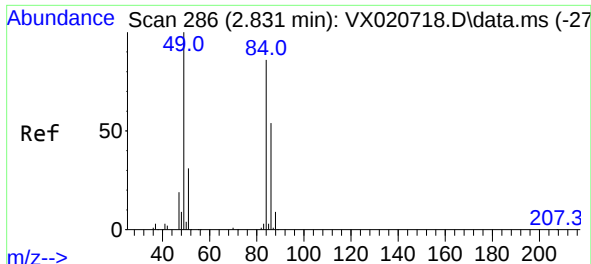
Tgt Ion: 43 Resp: 760412
Ion Ratio Lower Upper
43 100
58 34.9 27.8 41.8



#18
Methyl Acetate
Concen: 12.22 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

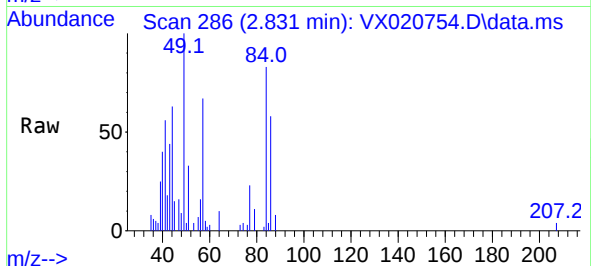
Tgt Ion: 43 Resp: 58162
Ion Ratio Lower Upper
43 100
74 26.4 21.9 32.9





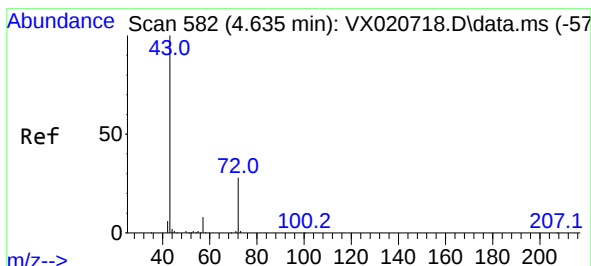
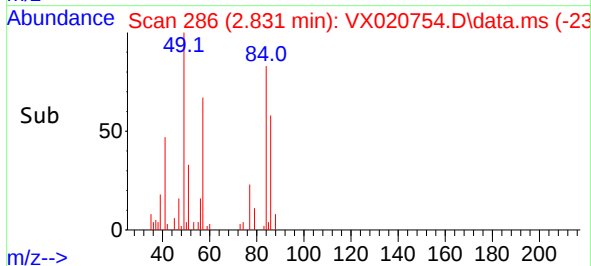
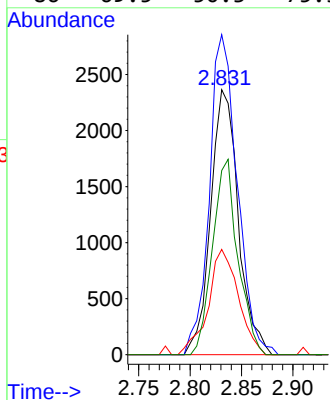
#20
Methylene Chloride
Concen: 0.94 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Instrument :
MSVOA_X
ClientSampleId :
41091



Tgt Ion: 84 Resp: 4425

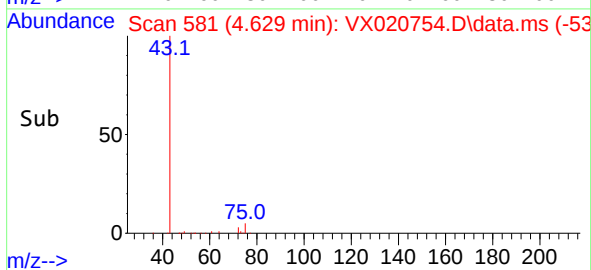
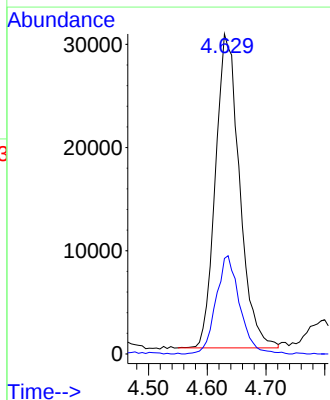
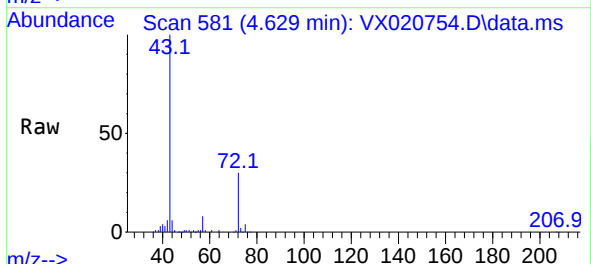
Ion	Ratio	Lower	Upper
84	100		
49	120.8	88.6	132.8
51	39.7	27.0	40.6
86	69.5	50.3	75.5

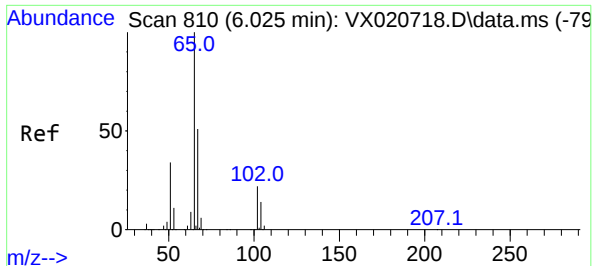


#25
2-Butanone
Concen: 29.65 ug/l
RT: 4.629 min Scan# 581
Delta R.T. -0.006 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Tgt Ion: 43 Resp: 86489

Ion	Ratio	Lower	Upper
43	100		
72	30.2	23.7	35.5

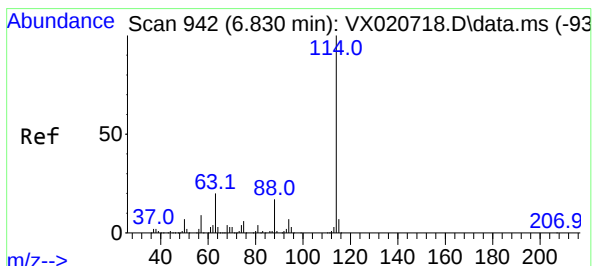
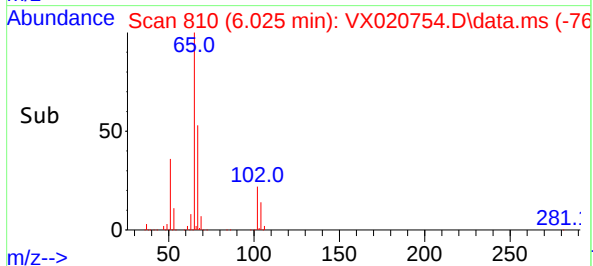
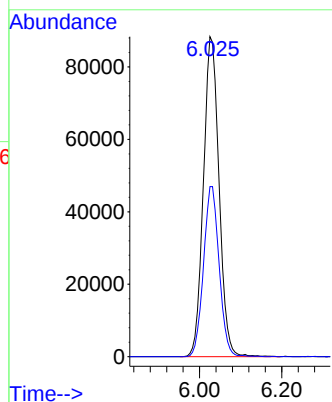
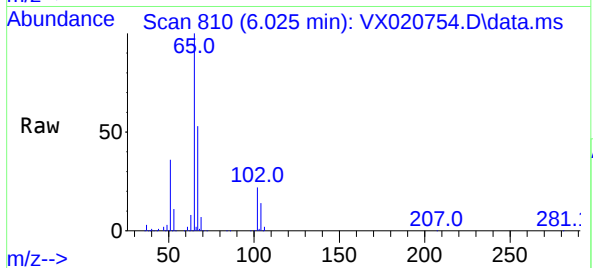




#33
1,2-Dichloroethane-d4
Concen: 47.44 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

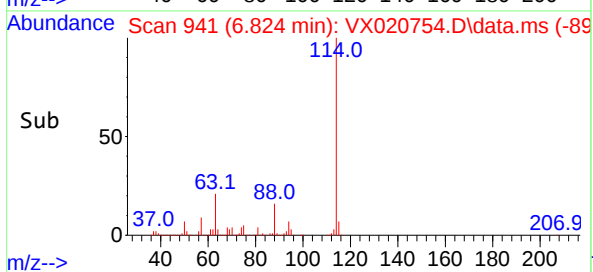
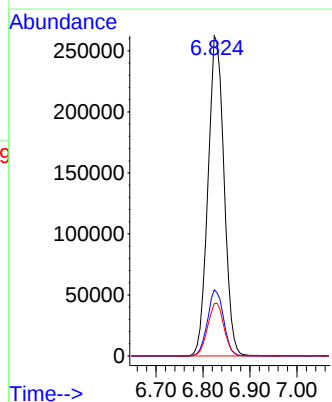
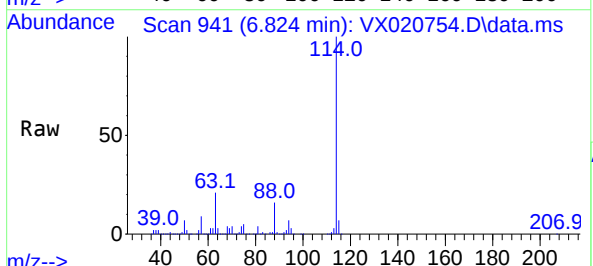
Instrument :
MSVOA_X
ClientSampleId :
41091

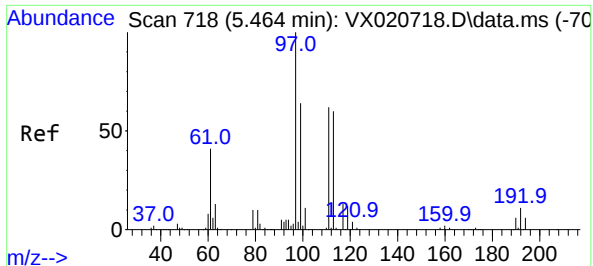
Tgt Ion: 65 Resp: 233066
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Tgt Ion: 114 Resp: 619214
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.4 0.0 32.8

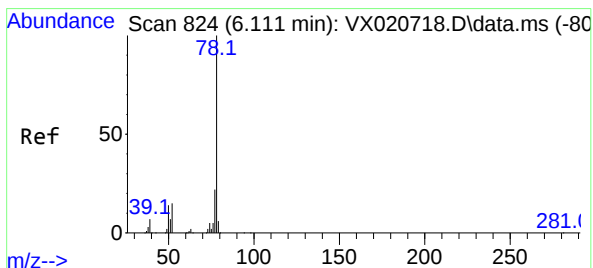
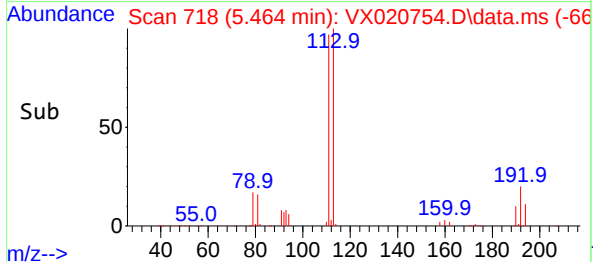
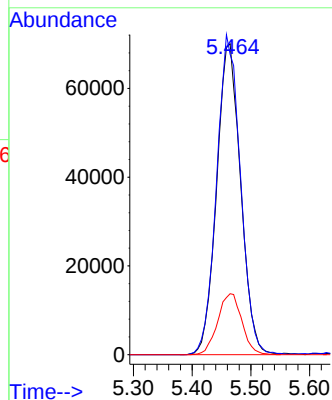
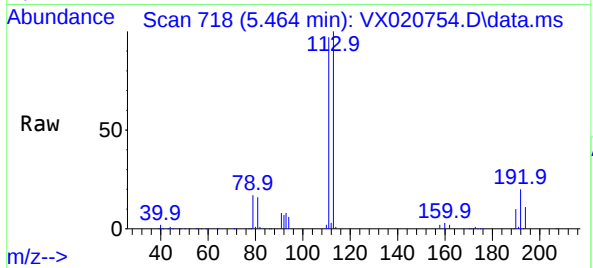




#35
Dibromofluoromethane
Concen: 46.81 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

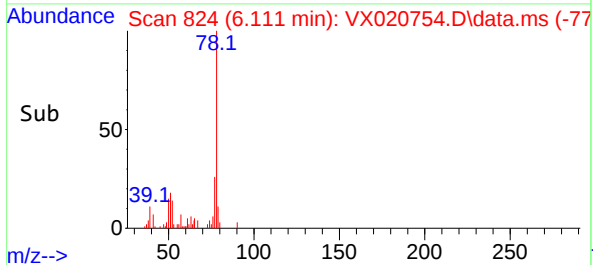
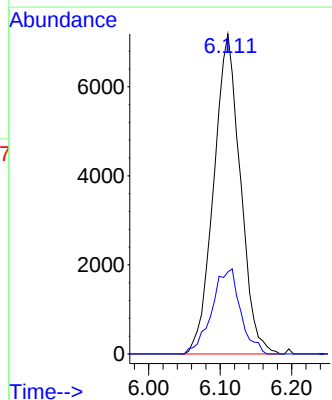
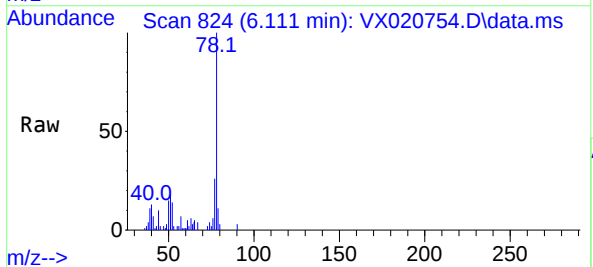
Instrument :
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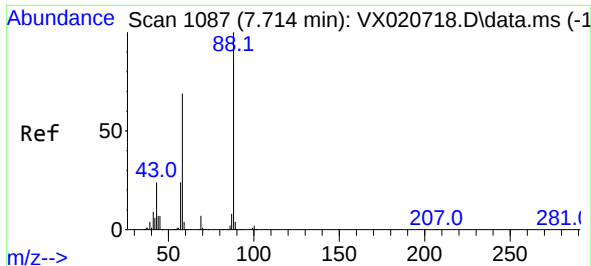
Tgt Ion:113 Resp: 198524
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.8 16.7 25.1



#40
Benzene
Concen: 1.01 ug/l
RT: 6.111 min Scan# 824
Delta R.T. -0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Tgt Ion: 78 Resp: 18578
Ion Ratio Lower Upper
78 100
77 25.6 18.9 28.3



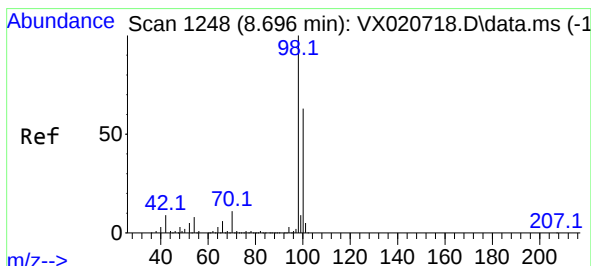
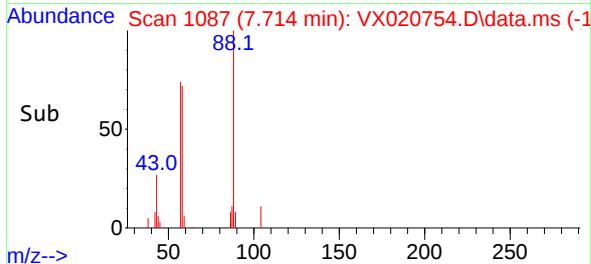
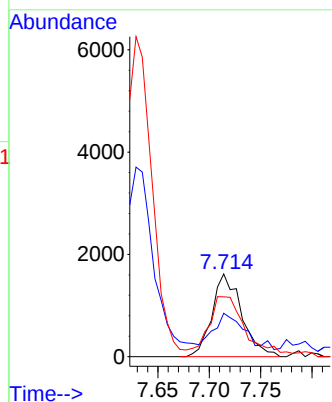
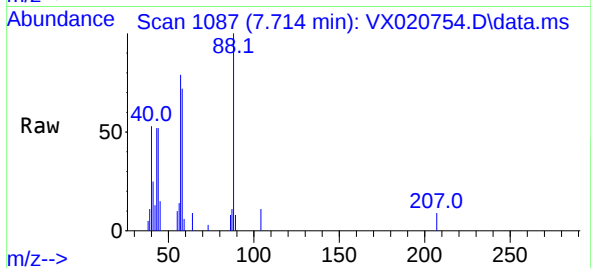


#49
1,4-Dioxane
Concen: 29.03 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Instrument :
MSVOA_X
ClientSampled :
41091

Tgt Ion: 88 Resp: 3231

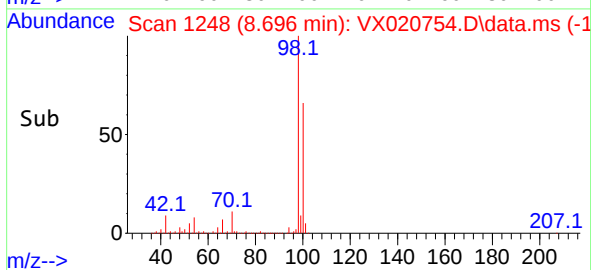
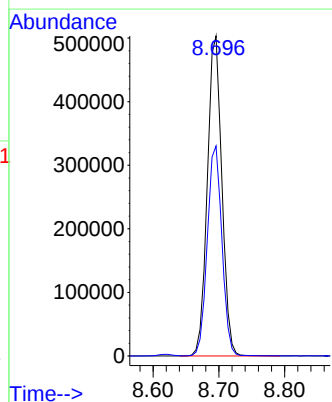
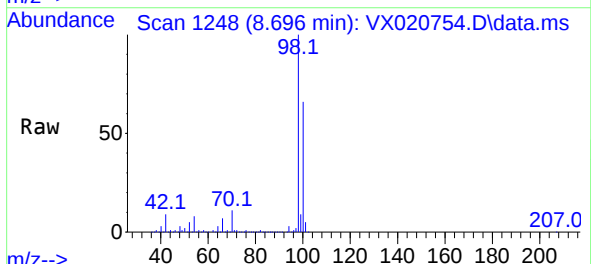
Ion	Ratio	Lower	Upper
88	100		
43	44.8	23.2	34.8#
58	80.7	55.0	82.4

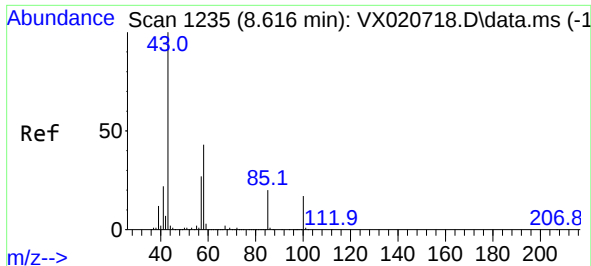


#50
Toluene-d8
Concen: 49.73 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Tgt Ion: 98 Resp: 773271

Ion	Ratio	Lower	Upper
98	100		
100	65.9	51.9	77.9

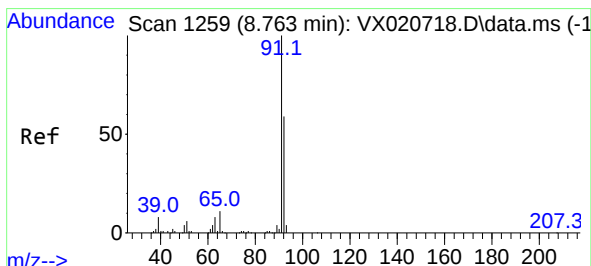
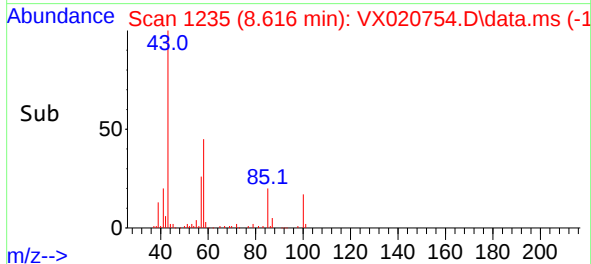
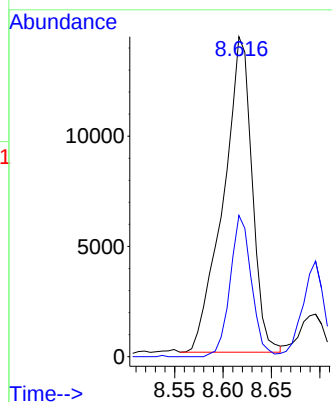
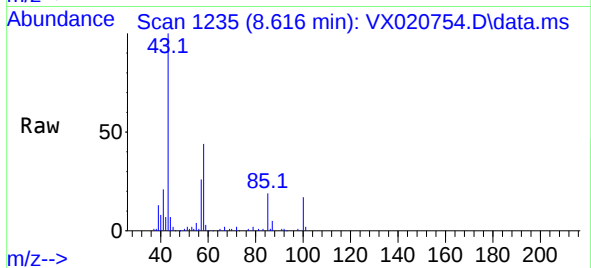




#51
4-Methyl-2-Pentanone
Concen: 5.01 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

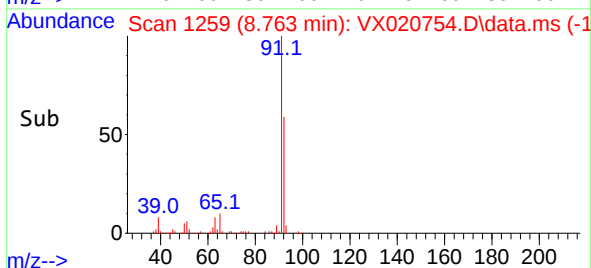
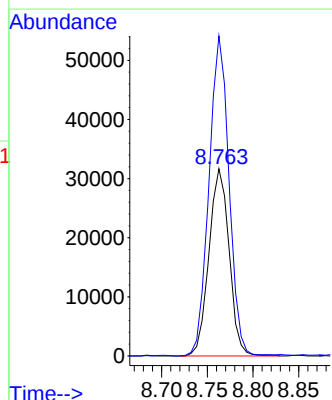
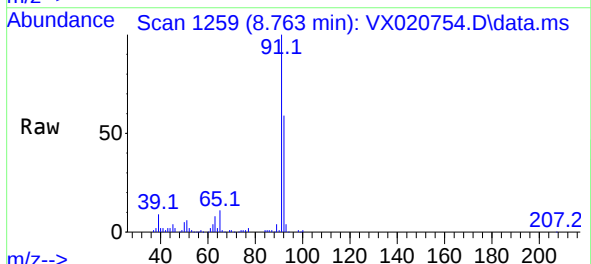
Instrument :
MSVOA_X
ClientSampled :
41091

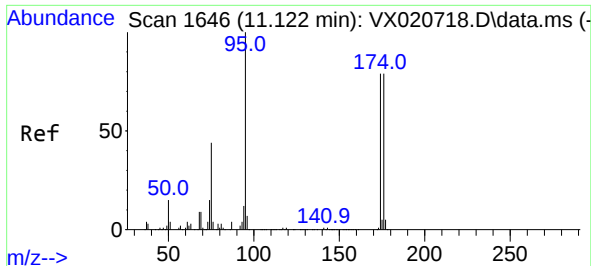
Tgt Ion: 43 Resp: 29698
Ion Ratio Lower Upper
43 100
58 33.1 35.4 53.0#



#52
Toluene
Concen: 4.22 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Tgt Ion: 92 Resp: 48555
Ion Ratio Lower Upper
92 100
91 169.6 137.1 205.7

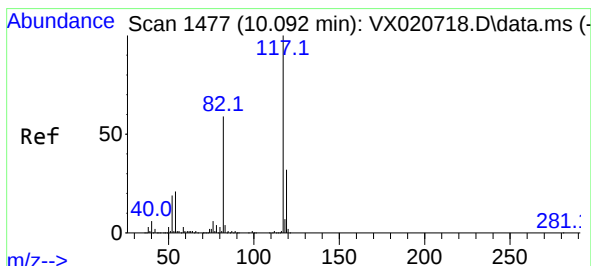
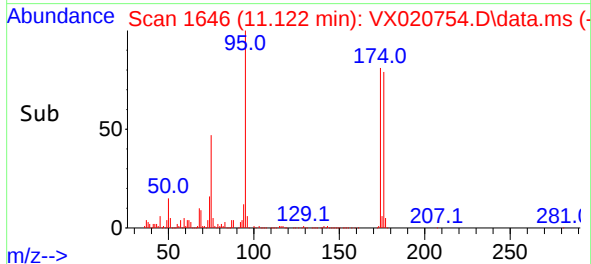
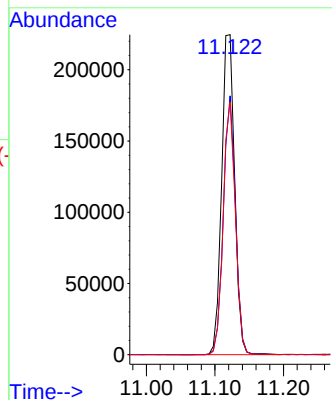
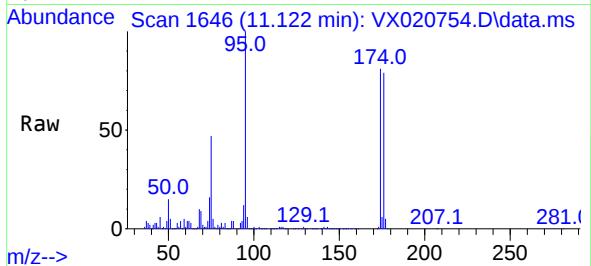




#62
4-Bromofluorobenzene
Concen: 48.81 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

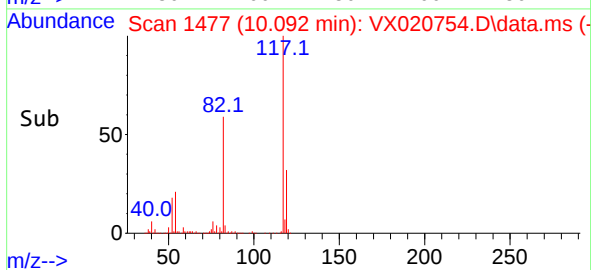
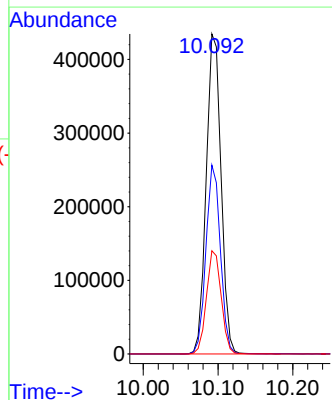
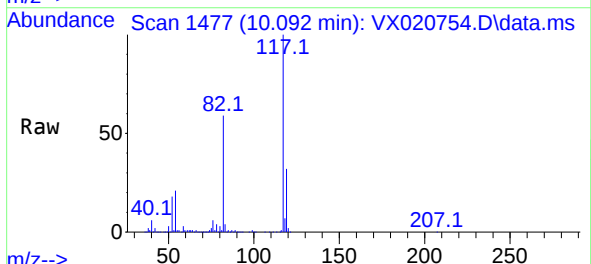
Instrument :
MSVOA_X
ClientSampleId :
41091

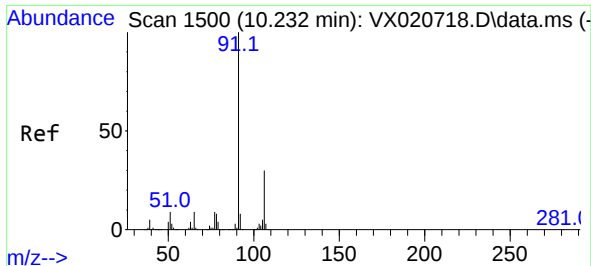
Tgt Ion: 95 Resp: 294748
Ion Ratio Lower Upper
95 100
174 75.3 0.0 154.6
176 73.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Tgt Ion: 117 Resp: 598640
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 32.3 26.6 39.8

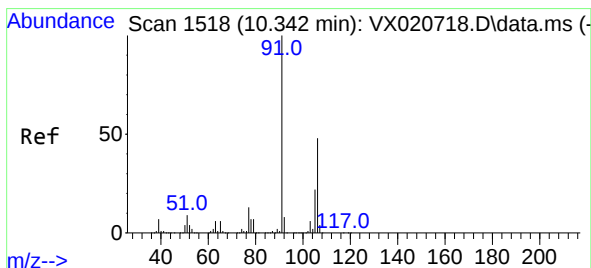
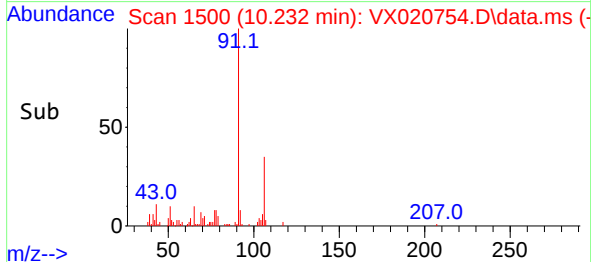
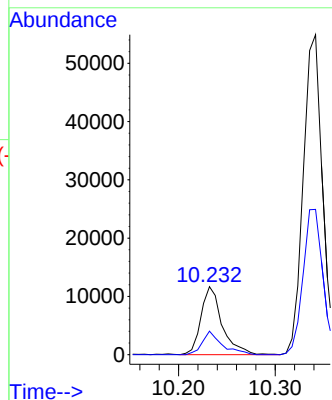
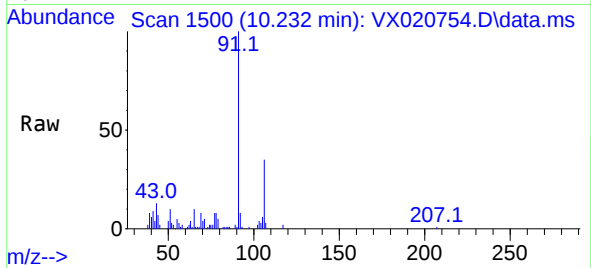




#67
Ethyl Benzene
Concen: 0.79 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

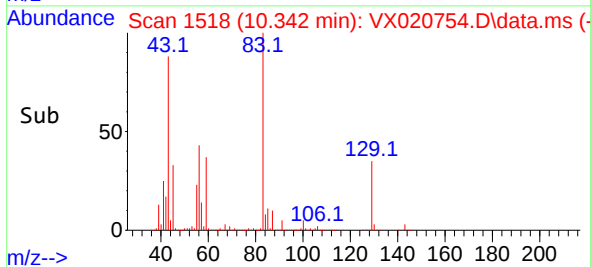
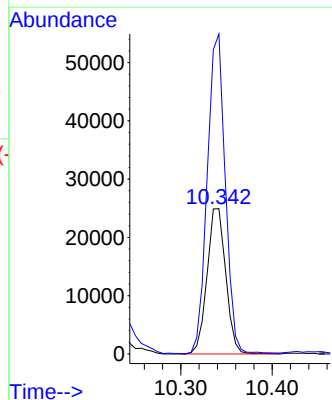
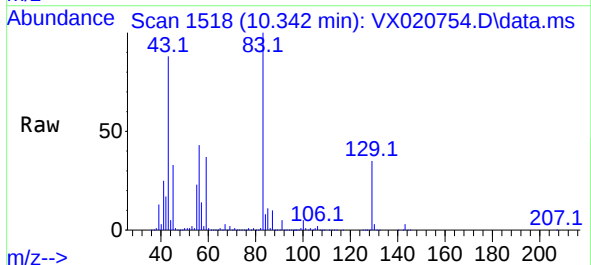
Instrument :
MSVOA_X
ClientSampleId :
41091

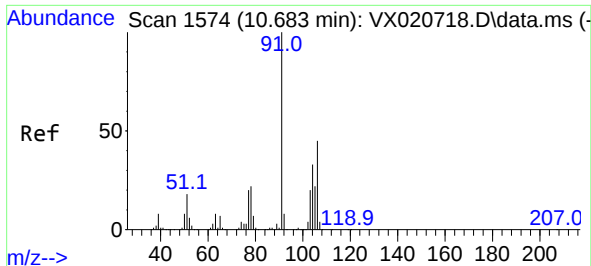
Tgt Ion: 91 Resp: 17812
Ion Ratio Lower Upper
91 100
106 34.6 24.6 37.0



#68
m/p-Xylenes
Concen: 4.23 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Tgt Ion: 106 Resp: 35435
Ion Ratio Lower Upper
106 100
91 212.2 162.8 244.2

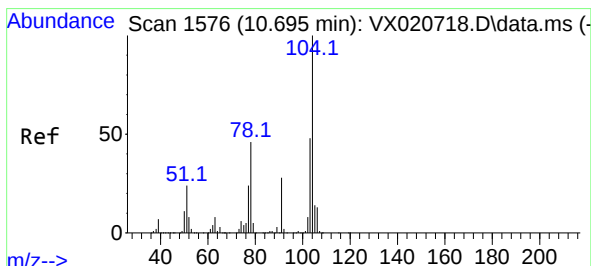
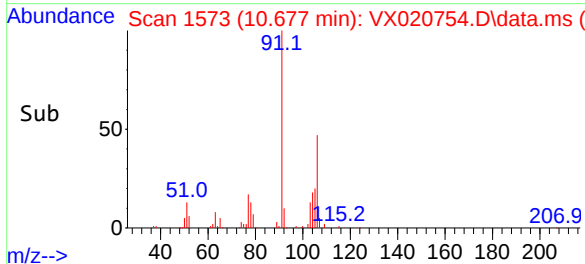
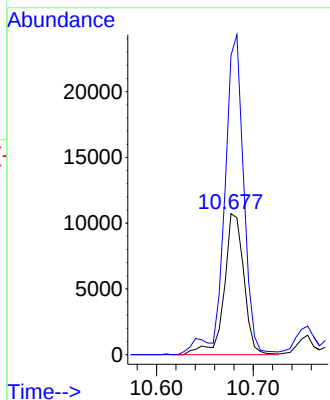
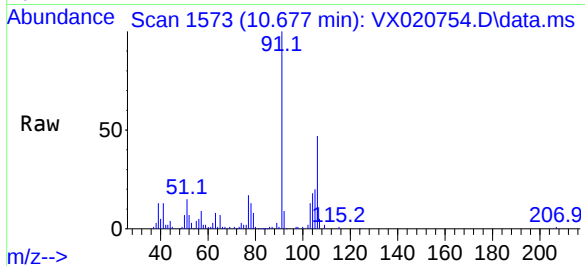




#69
o-Xylene
Concen: 1.92 ug/l
RT: 10.677 min Scan# 1573
Delta R.T. -0.006 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

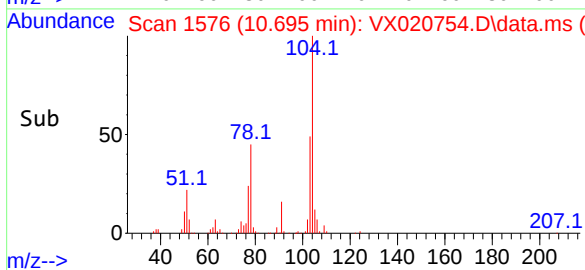
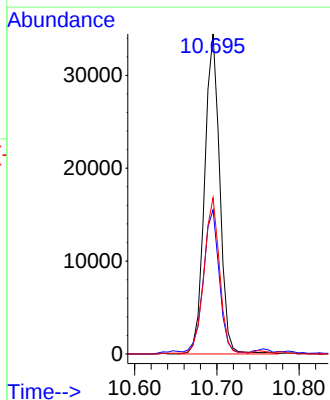
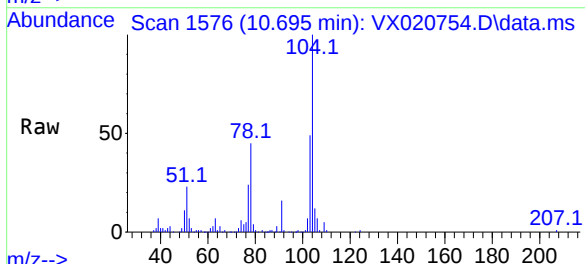
Instrument :
MSVOA_X
ClientSampled :
41091

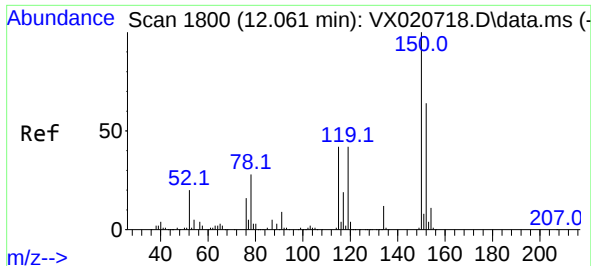
Tgt Ion:106 Resp: 15150
Ion Ratio Lower Upper
106 100
91 221.2 108.1 324.2



#70
Styrene
Concen: 3.26 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Tgt Ion:104 Resp: 44112
Ion Ratio Lower Upper
104 100
78 48.9 40.0 60.0
103 50.4 43.4 65.0

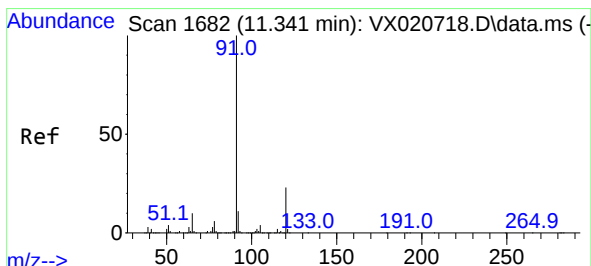
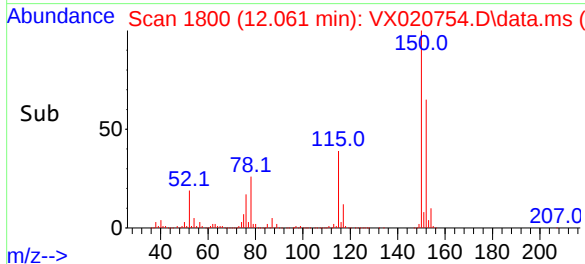
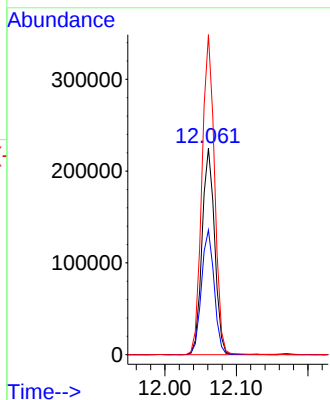
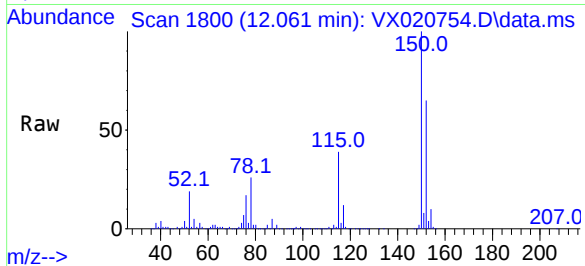




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

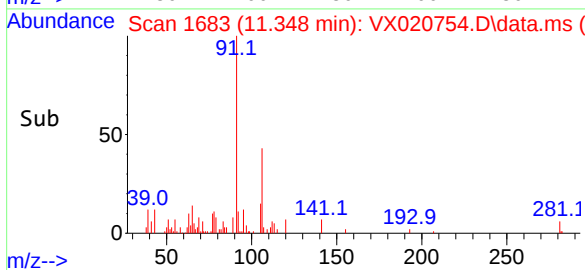
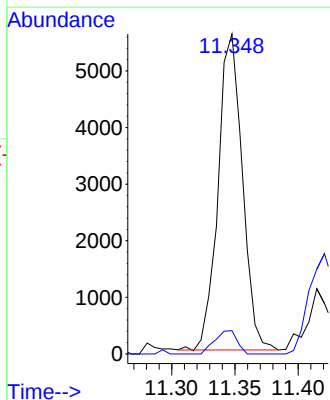
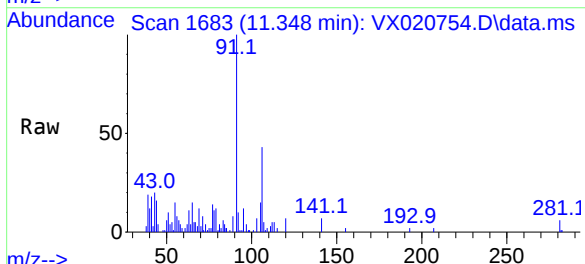
Instrument :
MSVOA_X
ClientSampled :
41091

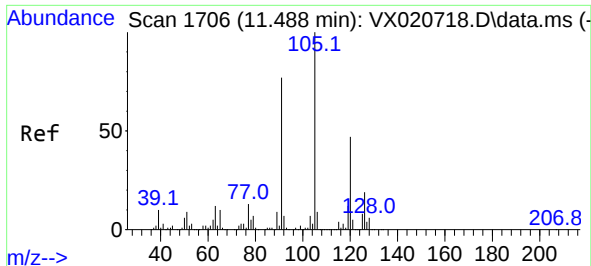
Tgt Ion:152 Resp: 275115
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 155.5 0.0 349.0



#78
n-propylbenzene
Concen: 0.32 ug/l
RT: 11.348 min Scan# 1683
Delta R.T. 0.007 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Tgt Ion: 91 Resp: 7446
Ion Ratio Lower Upper
91 100
120 6.8 11.5 34.5#

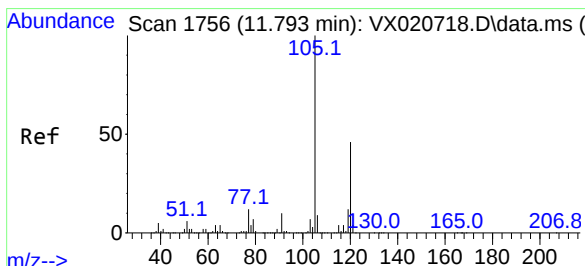
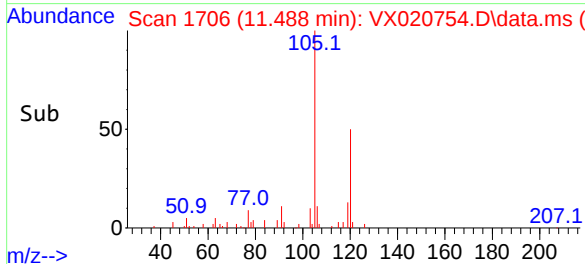
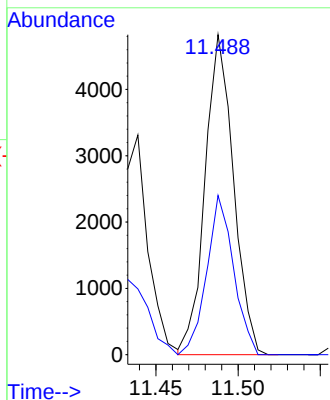
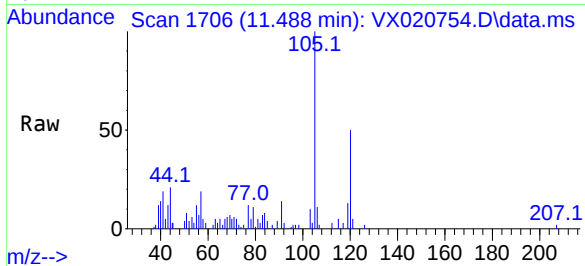




#80
1,3,5-Trimethylbenzene
Concen: 0.34 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

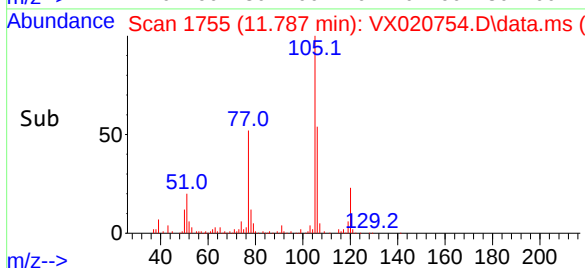
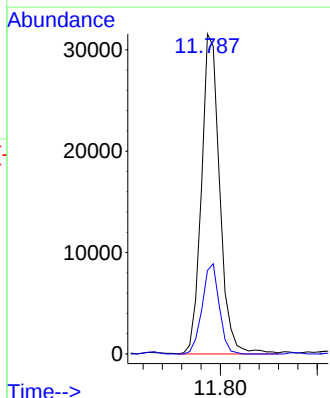
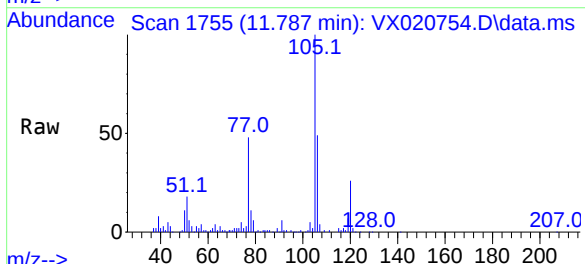
Instrument :
MSVOA_X
ClientSampled :
41091

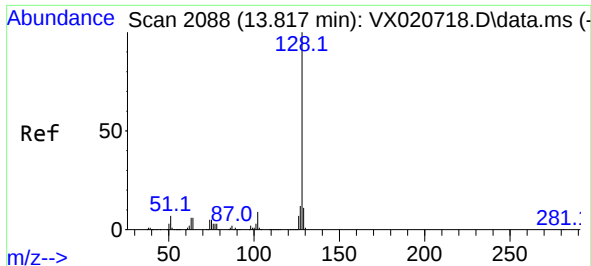
Tgt Ion:105 Resp: 5794
Ion Ratio Lower Upper
105 100
120 47.0 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 2.42 ug/l
RT: 11.787 min Scan# 1755
Delta R.T. -0.006 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Tgt Ion:105 Resp: 41571
Ion Ratio Lower Upper
105 100
120 26.2 22.4 67.3





#95
Naphthalene
Concen: 18.23 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020754.D
Acq: 26 Jan 2021 15:31

Instrument :
MSVOA_X
ClientSampleId :
41091

Tgt Ion:128 Resp: 343869
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 11.0 8.8 13.2

