

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020756.D
 Acq On : 26 Jan 2021 16:17
 Operator : JC/SP
 Sample : M1189-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41106

Quant Time: Jan 27 00:56:45 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)

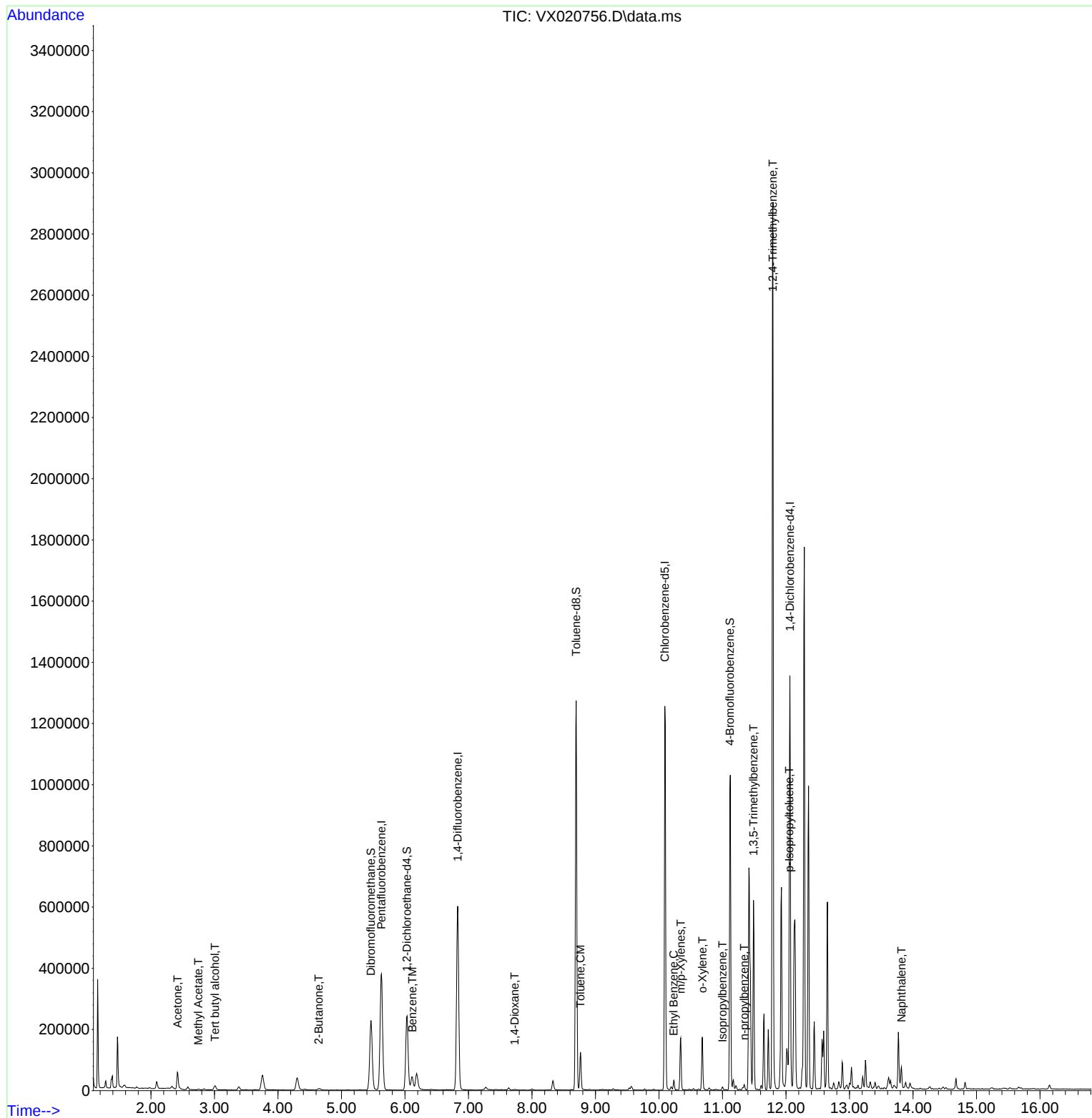
Internal Standards						
1) Pentafluorobenzene	5.629	168	352310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	610633	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	585439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	270759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	232084	48.30	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.60%		
35) Dibromofluoromethane	5.465	113	198796	47.53	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.06%		
50) Toluene-d8	8.696	98	758328	49.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.90%		
62) 4-Bromofluorobenzene	11.116	95	291087	48.88	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.76%		
Target Compounds						Qvalue
11) Tert butyl alcohol	3.008	59	8727	9.73	ug/l	98
16) Acetone	2.416	43	60015	32.94	ug/l	97
18) Methyl Acetate	2.745	43	3016	0.65	ug/l	90
25) 2-Butanone	4.641	43	4154	1.46	ug/l	92
40) Benzene	6.117	78	52537	2.91	ug/l	99
49) 1,4-Dioxane	7.726	88	604	5.50	ug/l #	60
52) Toluene	8.763	92	46092	4.06	ug/l	99
67) Ethyl Benzene	10.232	91	16755	0.76	ug/l	97
68) m/p-Xylenes	10.342	106	40128	4.90	ug/l	95
69) o-Xylene	10.683	106	36402	4.73	ug/l	96
73) Isopropylbenzene	11.000	105	5180	0.26	ug/l	100
78) n-propylbenzene	11.342	91	10182	0.45	ug/l #	53
80) 1,3,5-Trimethylbenzene	11.488	105	264706	15.82	ug/l	100
84) 1,2,4-Trimethylbenzene	11.793	105	1339819	79.41	ug/l	99
86) p-Isopropyltoluene	12.049	119	44816	2.59	ug/l	94
95) Naphthalene	13.817	128	41858	4.77	ug/l	100

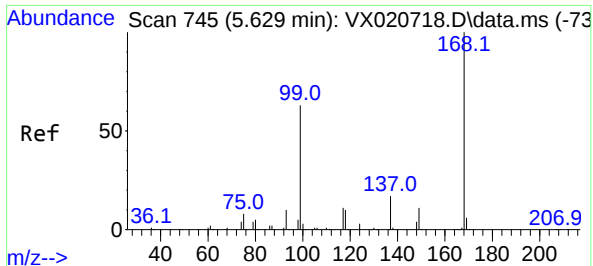
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

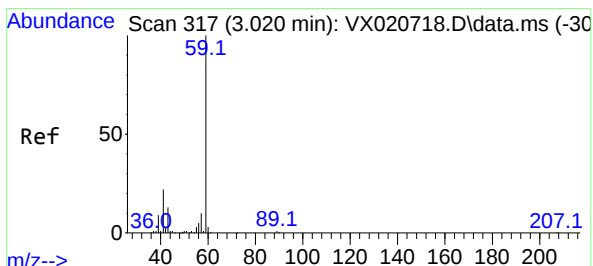
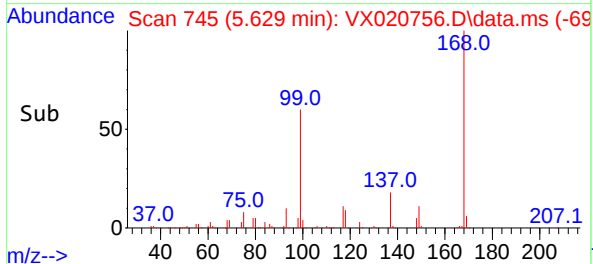
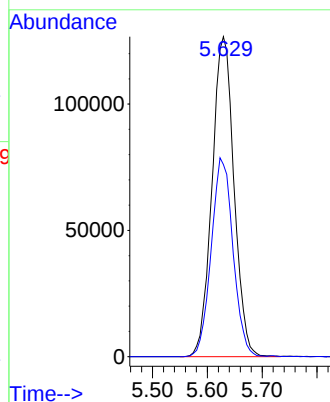
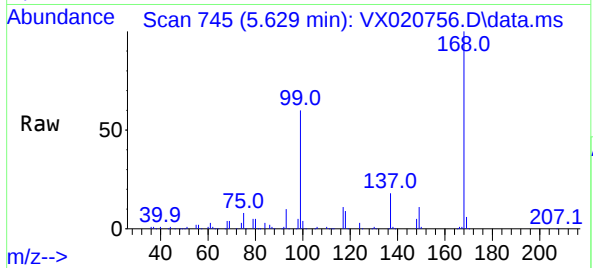




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

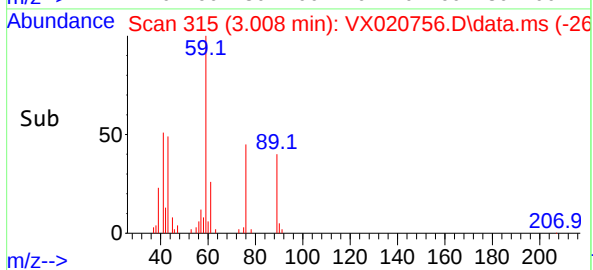
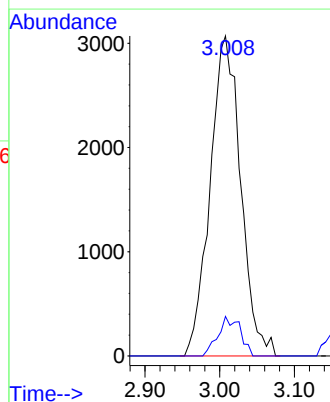
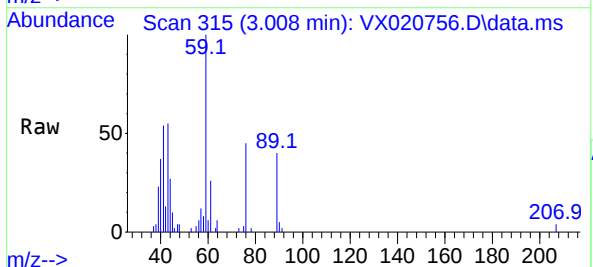
Instrument :
MSVOA_X
ClientSampleId :
41106

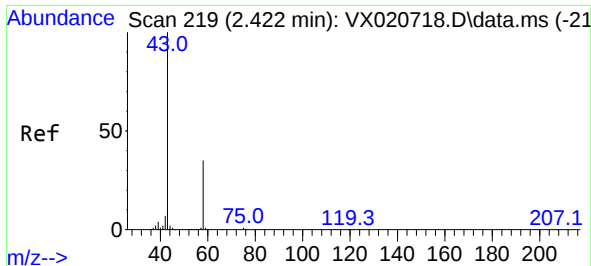
Tgt Ion:168 Resp: 352310
Ion Ratio Lower Upper
168 100
99 60.1 45.8 68.6



#11
Tert butyl alcohol
Concen: 9.73 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.012 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Tgt Ion: 59 Resp: 8727
Ion Ratio Lower Upper
59 100
57 8.9 7.8 11.8

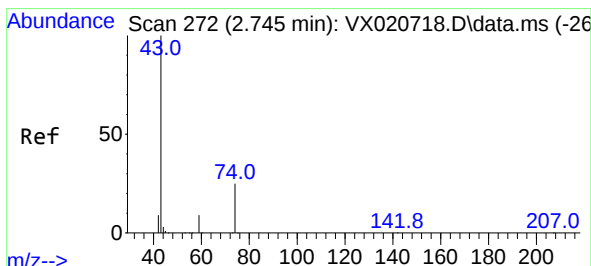
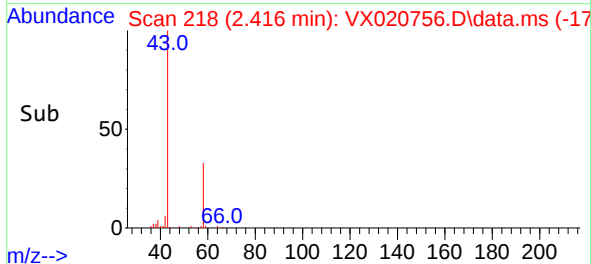
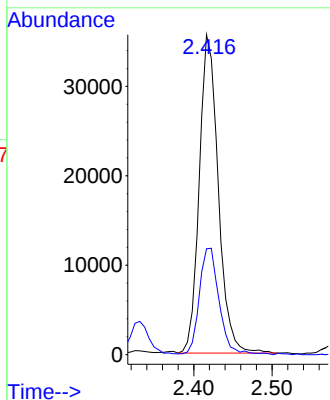
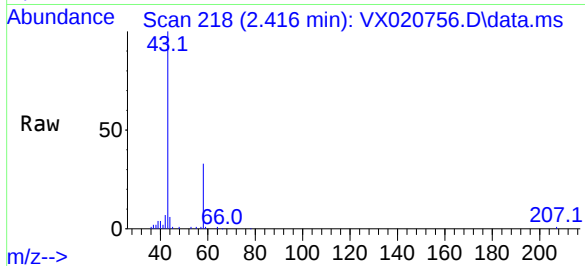




#16
Acetone
Concen: 32.94 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

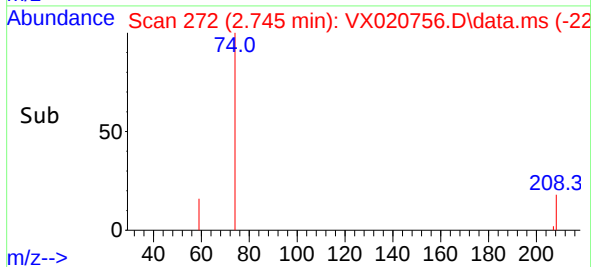
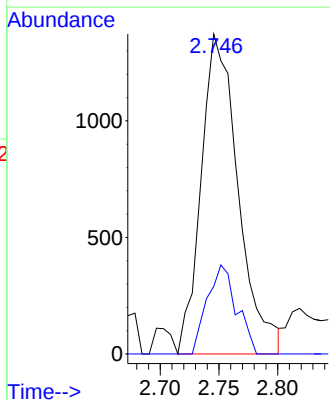
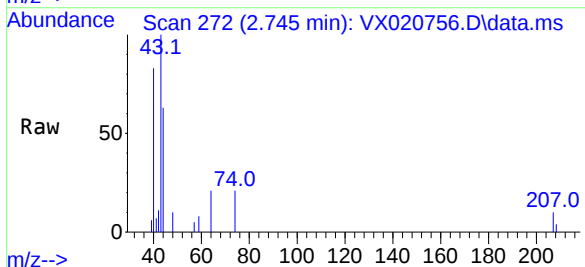
Instrument :
MSVOA_X
ClientSampleId :
41106

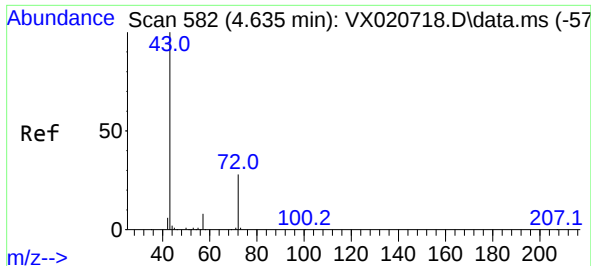
Tgt Ion: 43 Resp: 60015
Ion Ratio Lower Upper
43 100
58 33.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.65 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Tgt Ion: 43 Resp: 3016
Ion Ratio Lower Upper
43 100
74 22.0 21.9 32.9

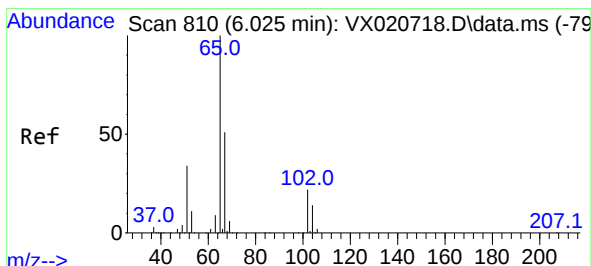
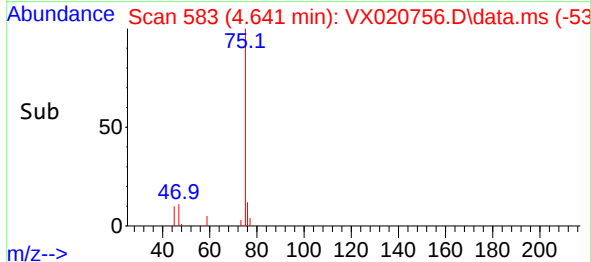
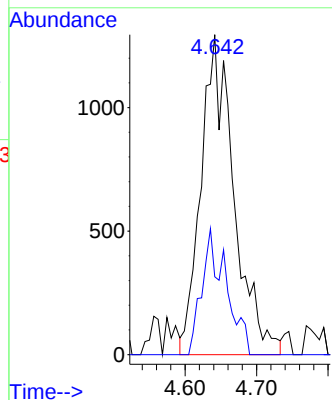
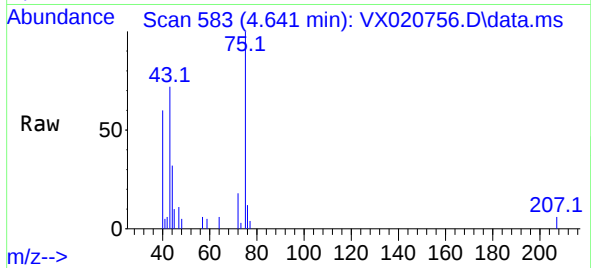




#25
2-Butanone
Concen: 1.46 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.006 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

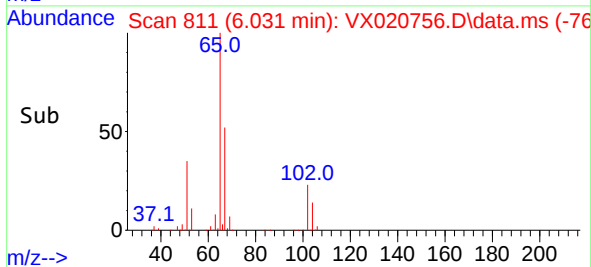
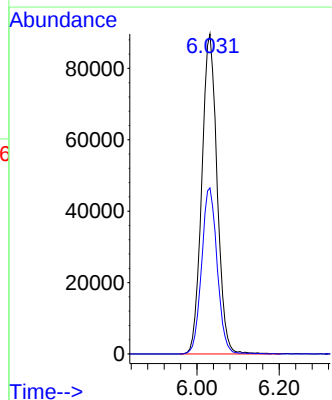
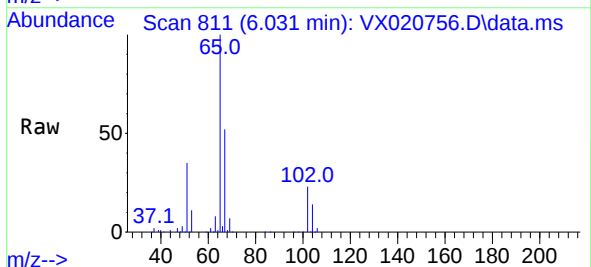
Instrument :
MSVOA_X
ClientSampleId :
41106

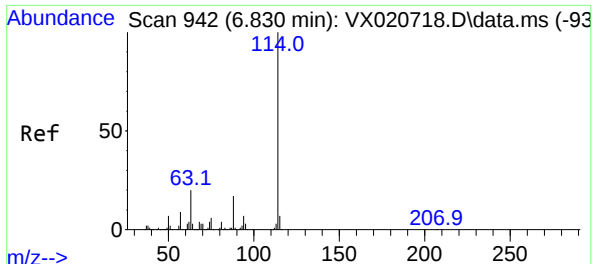
Tgt Ion: 43 Resp: 4154
Ion Ratio Lower Upper
43 100
72 25.4 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 48.30 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Tgt Ion: 65 Resp: 232084
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

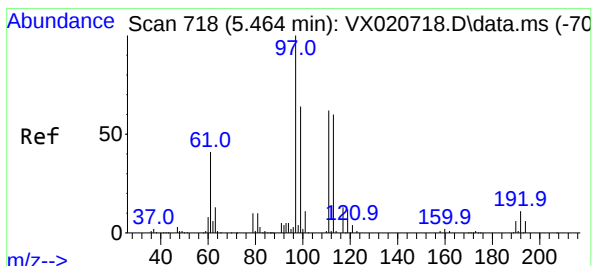
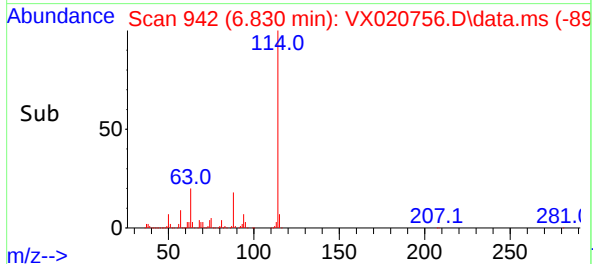
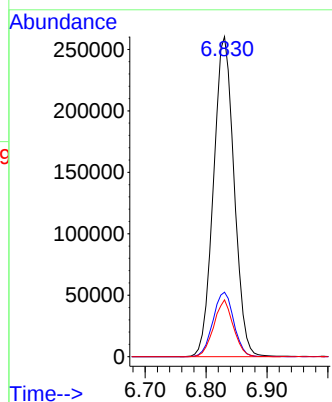
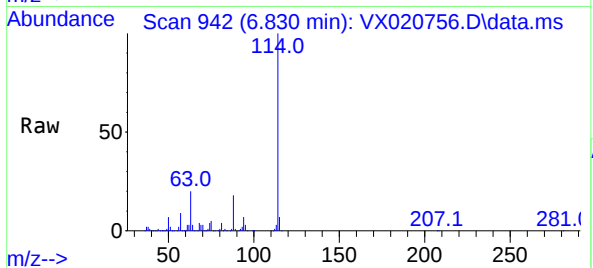




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

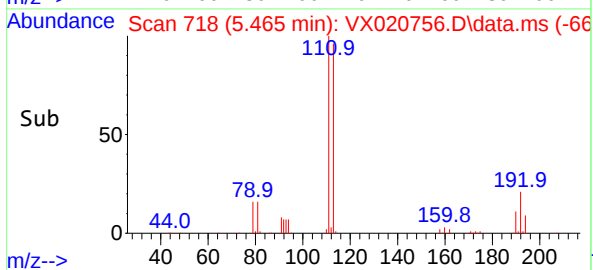
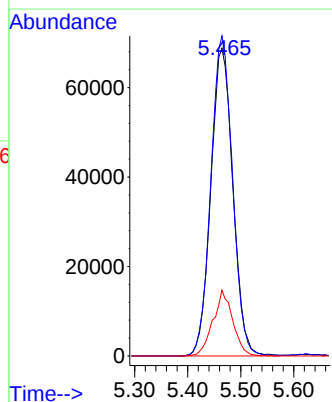
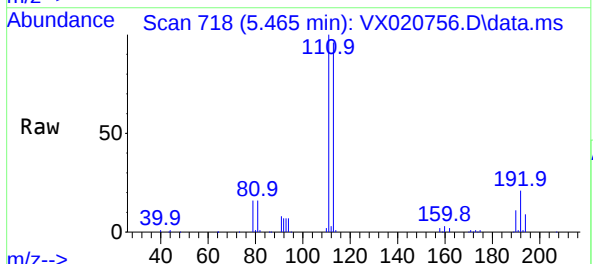
Instrument :
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ClientSampleId :
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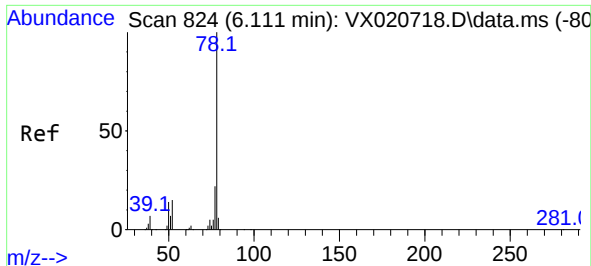
Tgt Ion:114 Resp: 610633
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 17.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.53 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Tgt Ion:113 Resp: 198796
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.2 16.7 25.1

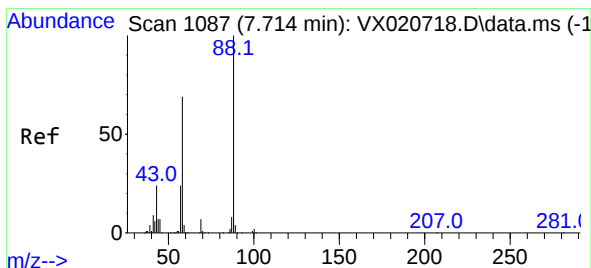
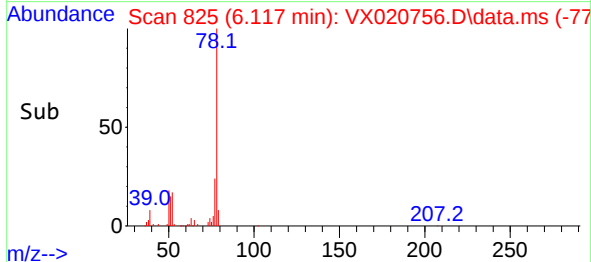
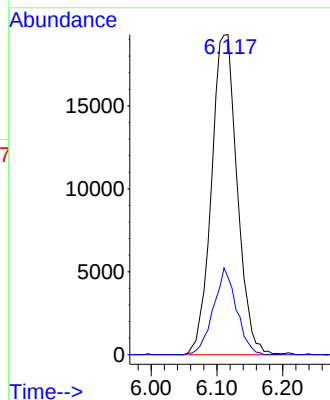
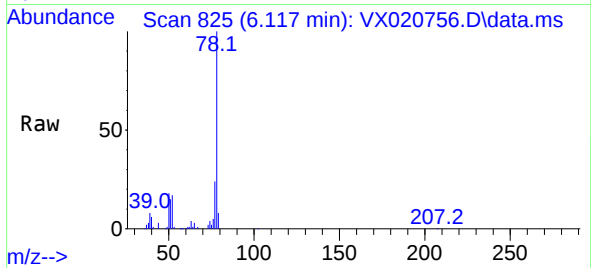




#40
Benzene
Concen: 2.91 ug/l
RT: 6.117 min Scan# 825
Delta R.T. 0.006 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

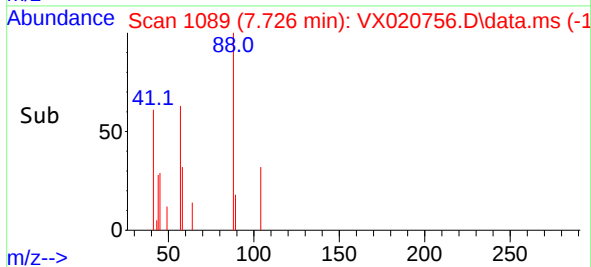
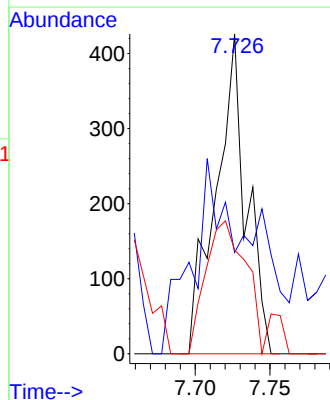
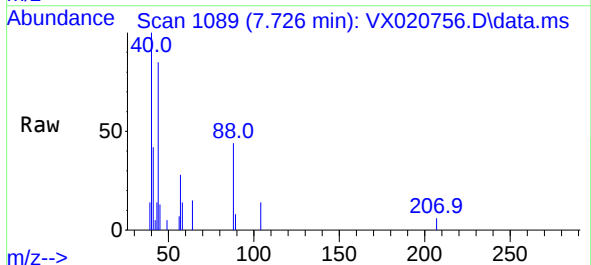
Instrument :
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ClientSampled :
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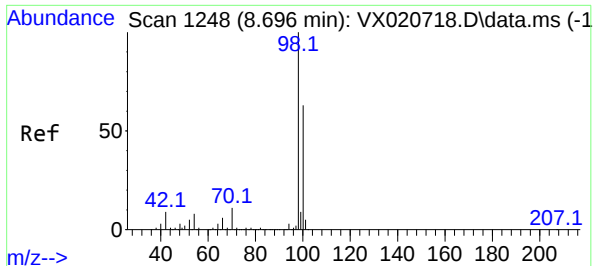
Tgt Ion: 78 Resp: 52537
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3



#49
1,4-Dioxane
Concen: 5.50 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.012 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Tgt Ion: 88 Resp: 604
Ion Ratio Lower Upper
88 100
43 89.1 23.2 34.8#
58 60.9 55.0 82.4

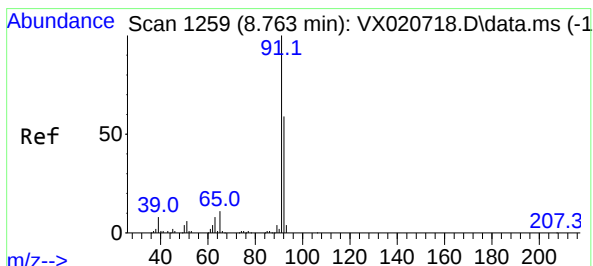
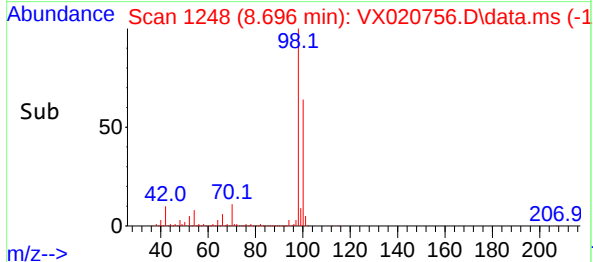
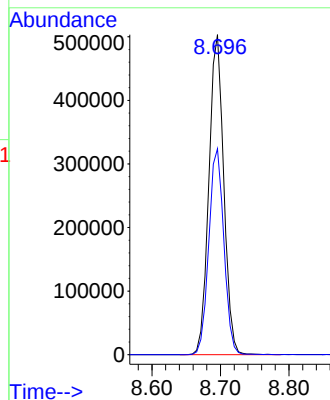
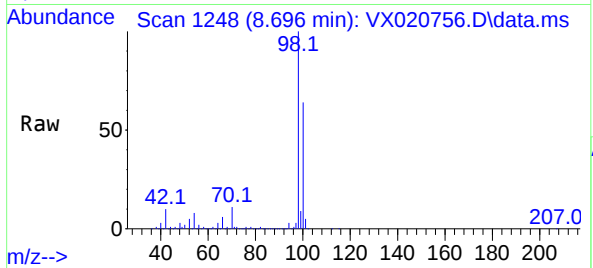




#50
Toluene-d8
Concen: 49.45 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

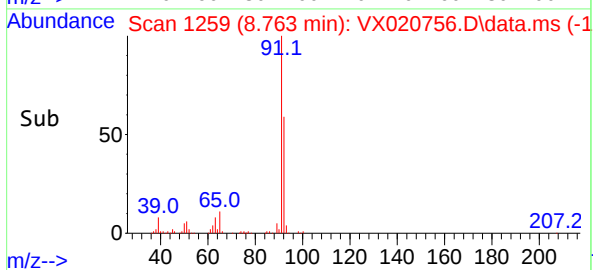
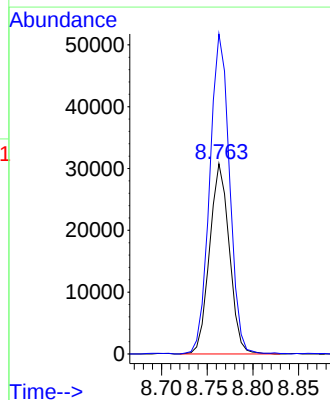
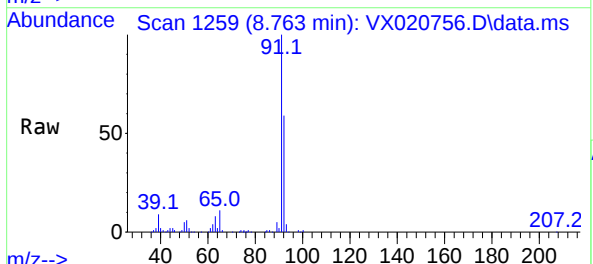
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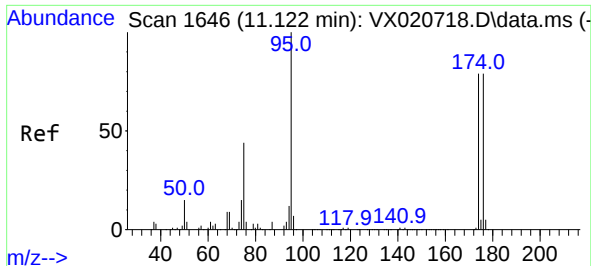
Tgt Ion: 98 Resp: 758328
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#52
Toluene
Concen: 4.06 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Tgt Ion: 92 Resp: 46092
Ion Ratio Lower Upper
92 100
91 169.4 137.1 205.7



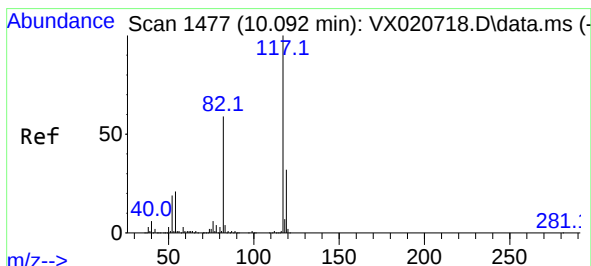
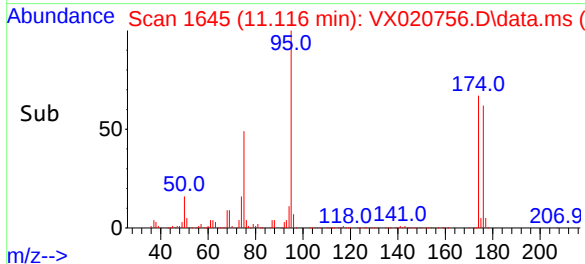
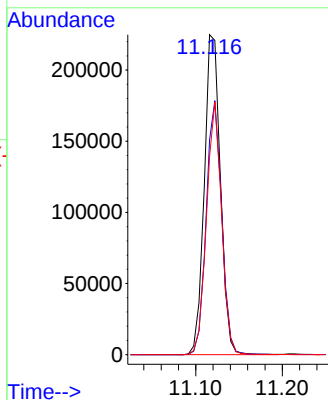
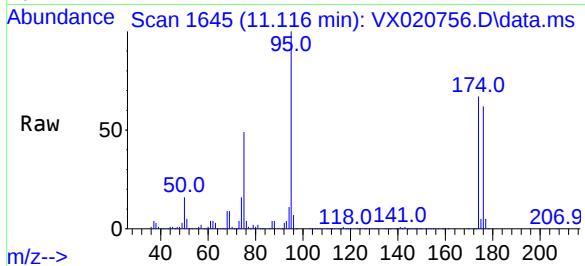


#62
4-Bromofluorobenzene
Concen: 48.88 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Instrument :
MSVOA_X
ClientSampleId :
41106

Tgt Ion: 95 Resp: 291087

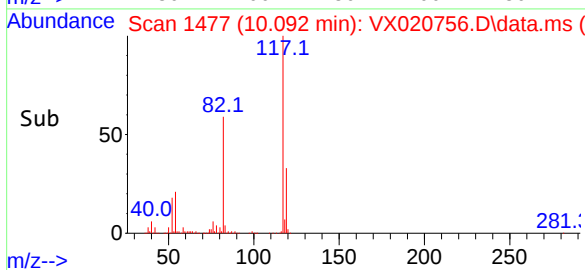
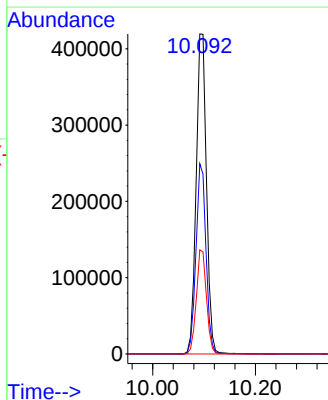
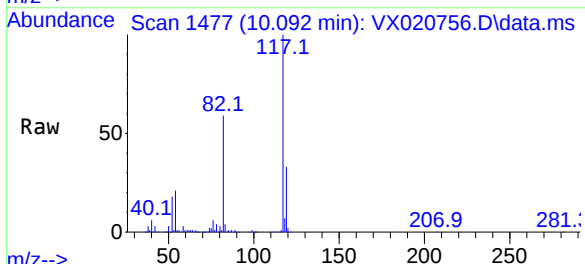
Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	154.6
176	73.7	0.0	155.8

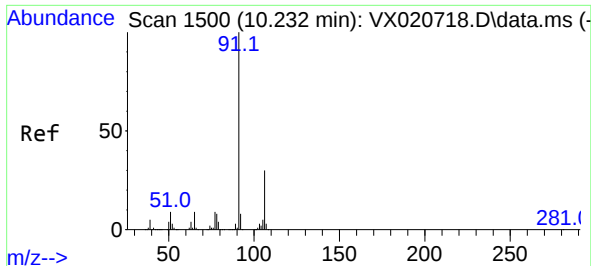


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Tgt Ion: 117 Resp: 585439

Ion	Ratio	Lower	Upper
117	100		
82	59.5	47.4	71.2
119	32.5	26.6	39.8

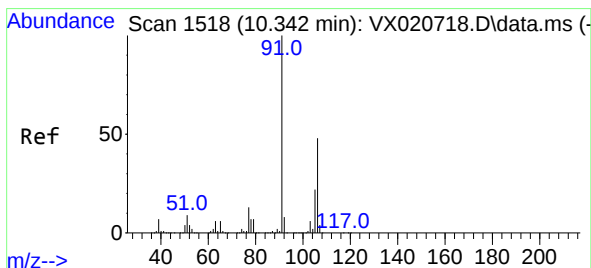
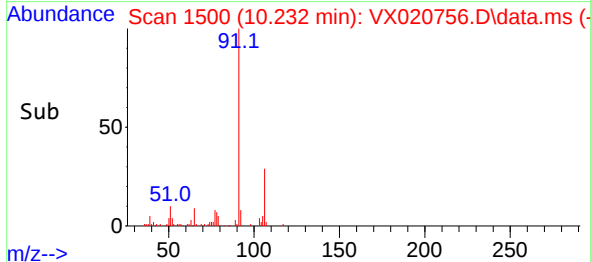
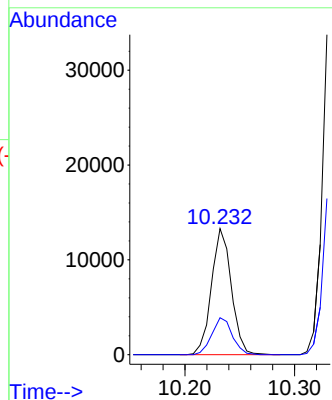
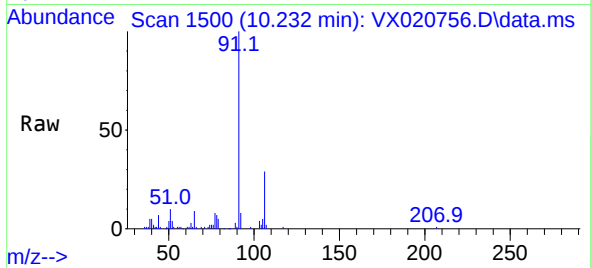




#67
Ethyl Benzene
Concen: 0.76 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

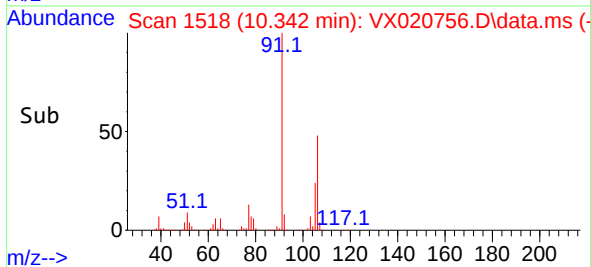
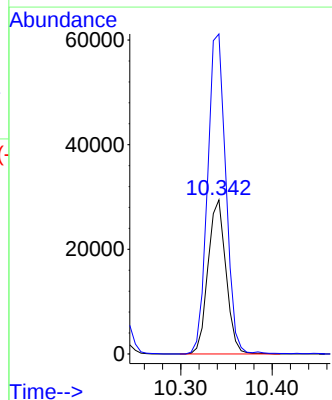
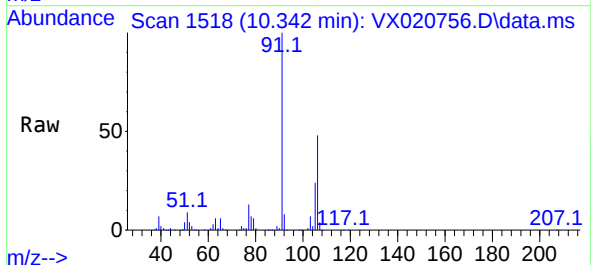
Instrument :
MSVOA_X
ClientSampleId :
41106

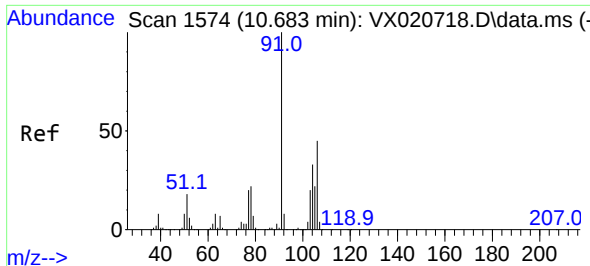
Tgt Ion: 91 Resp: 16755
Ion Ratio Lower Upper
91 100
106 29.4 24.6 37.0



#68
m/p-Xylenes
Concen: 4.90 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Tgt Ion: 106 Resp: 40128
Ion Ratio Lower Upper
106 100
91 211.5 162.8 244.2

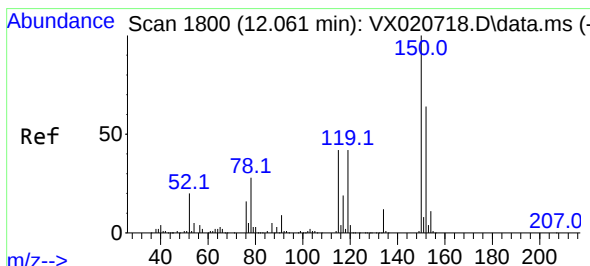
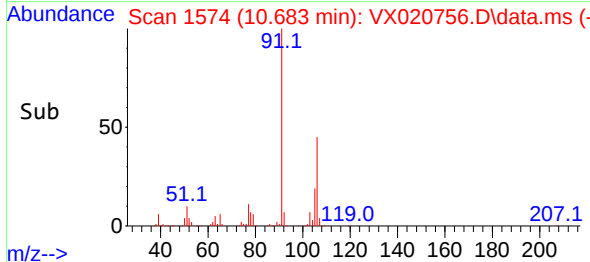
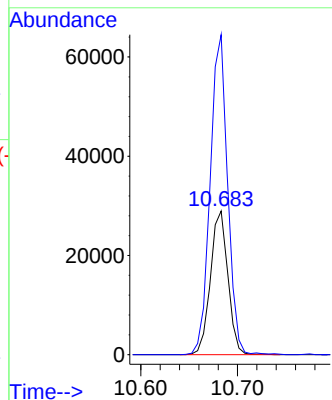
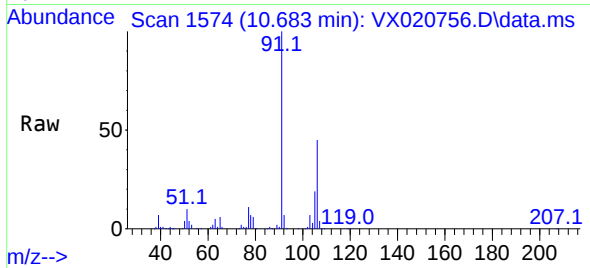




#69
o-Xylene
Concen: 4.73 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

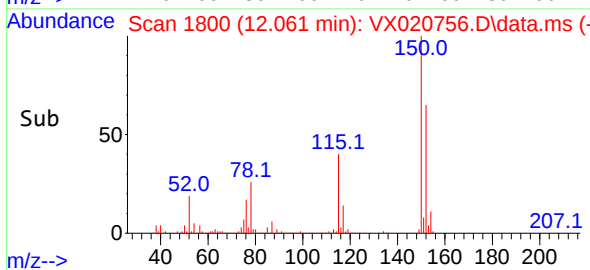
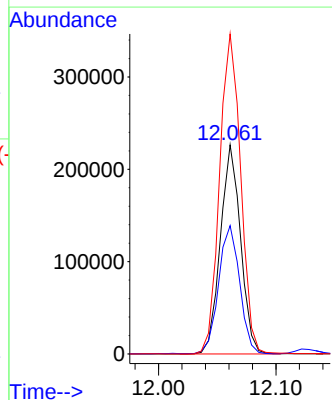
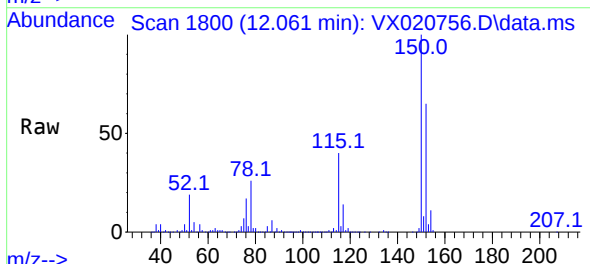
Instrument :
MSVOA_X
ClientSampled :
41106

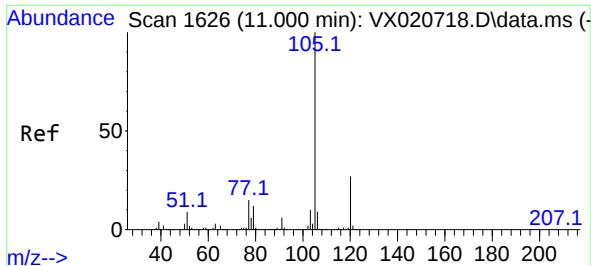
Tgt Ion:106 Resp: 36402
Ion Ratio Lower Upper
106 100
91 222.6 108.1 324.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Tgt Ion:152 Resp: 270759
Ion Ratio Lower Upper
152 100
115 63.7 41.1 123.3
150 159.9 0.0 349.0

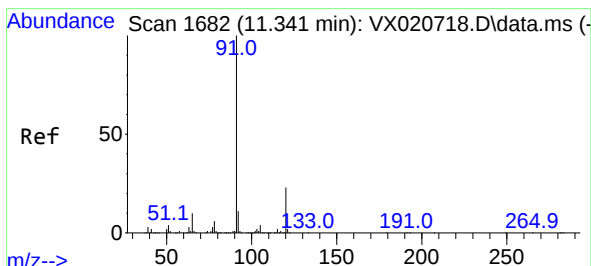
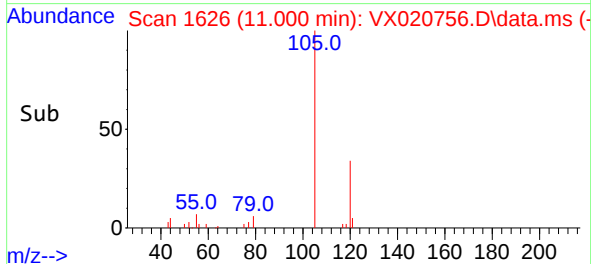
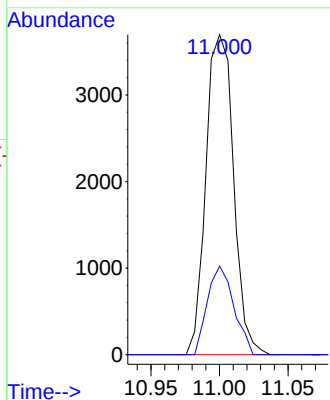
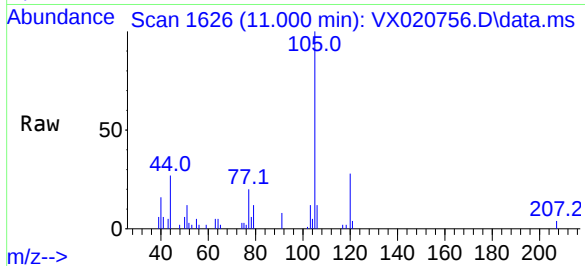




#73
Isopropylbenzene
Concen: 0.26 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

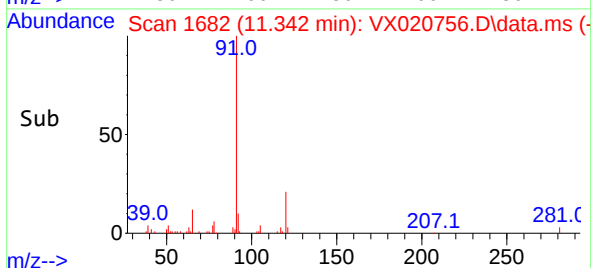
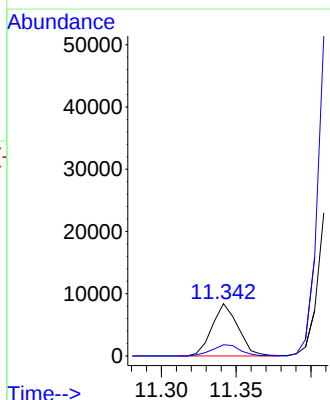
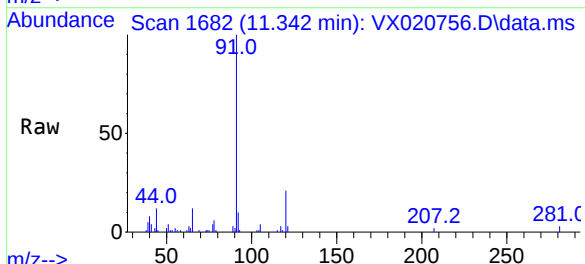
Instrument :
MSVOA_X
ClientSampleId :
41106

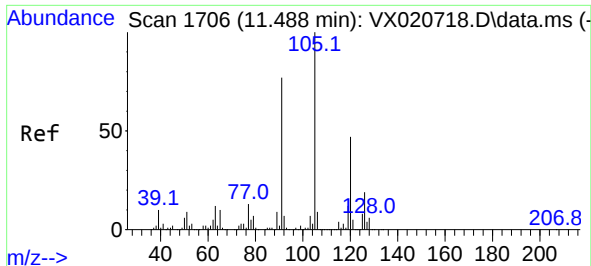
Tgt Ion:105 Resp: 5180
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#78
n-propylbenzene
Concen: 0.45 ug/l
RT: 11.342 min Scan# 1682
Delta R.T. 0.001 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Tgt Ion: 91 Resp: 10182
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.5#

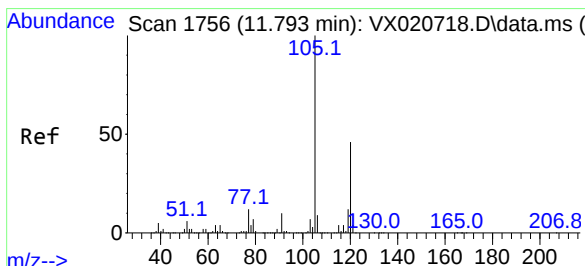
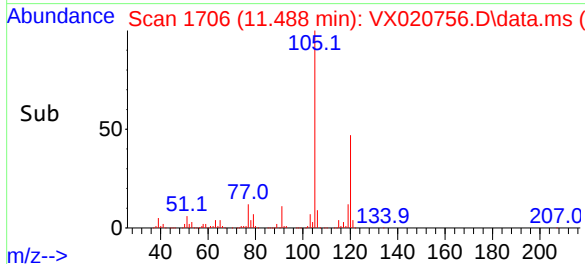
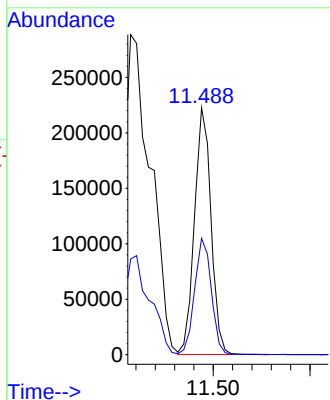
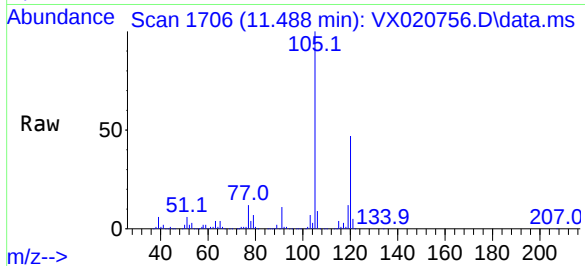




#80
1,3,5-Trimethylbenzene
Concen: 15.82 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

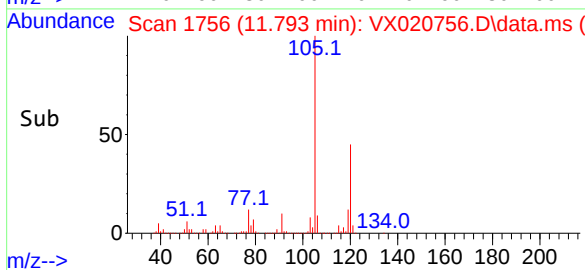
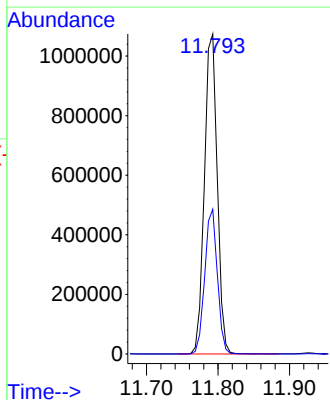
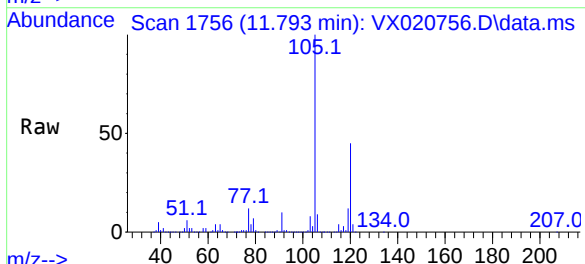
Instrument :
MSVOA_X
ClientSampleId :
41106

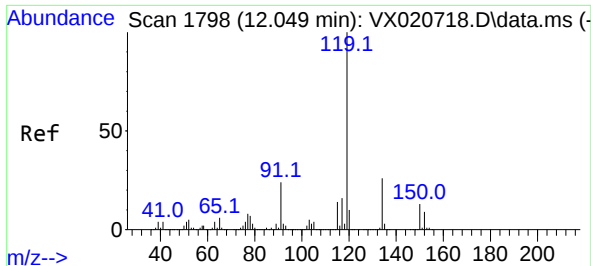
Tgt Ion:105 Resp: 264706
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.5



#84
1,2,4-Trimethylbenzene
Concen: 79.41 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Tgt Ion:105 Resp: 1339819
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.3

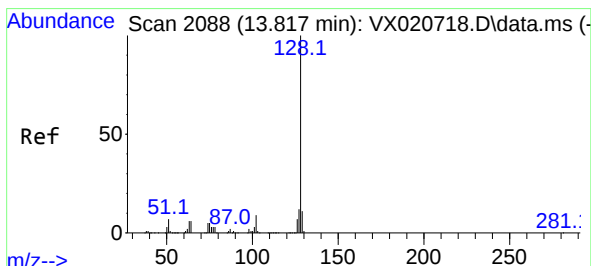
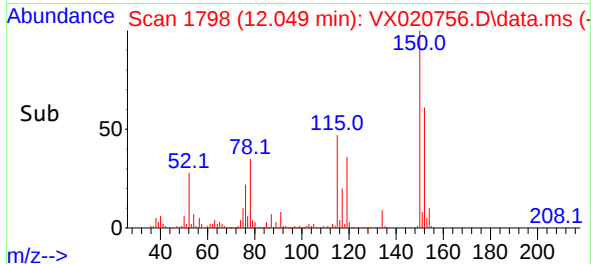
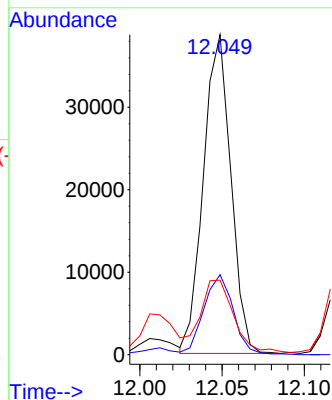
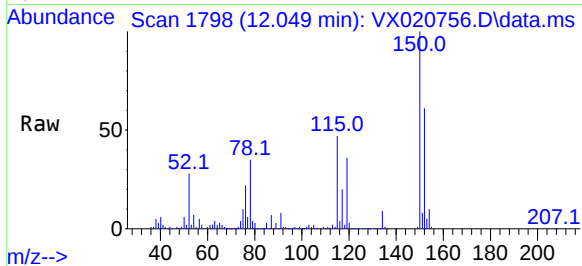




#86
p-Isopropyltoluene
Concen: 2.59 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Instrument :
MSVOA_X
ClientSampleId :
41106

Tgt Ion:	119	Resp:	44816
Ion Ratio	Lower	Upper	
119	100		
134	26.9	12.9	38.7
91	28.0	11.7	35.0



#95
Naphthalene
Concen: 4.77 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020756.D
Acq: 26 Jan 2021 16:17

Tgt Ion:	128	Resp:	41858
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	11.1	8.8	13.2

