

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
 Data File : VX020467.D
 Acq On : 30 Dec 2020 19:38
 Operator : JC/MD
 Sample : L5222-17 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31363

Quant Time: Dec 31 01:11:37 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)

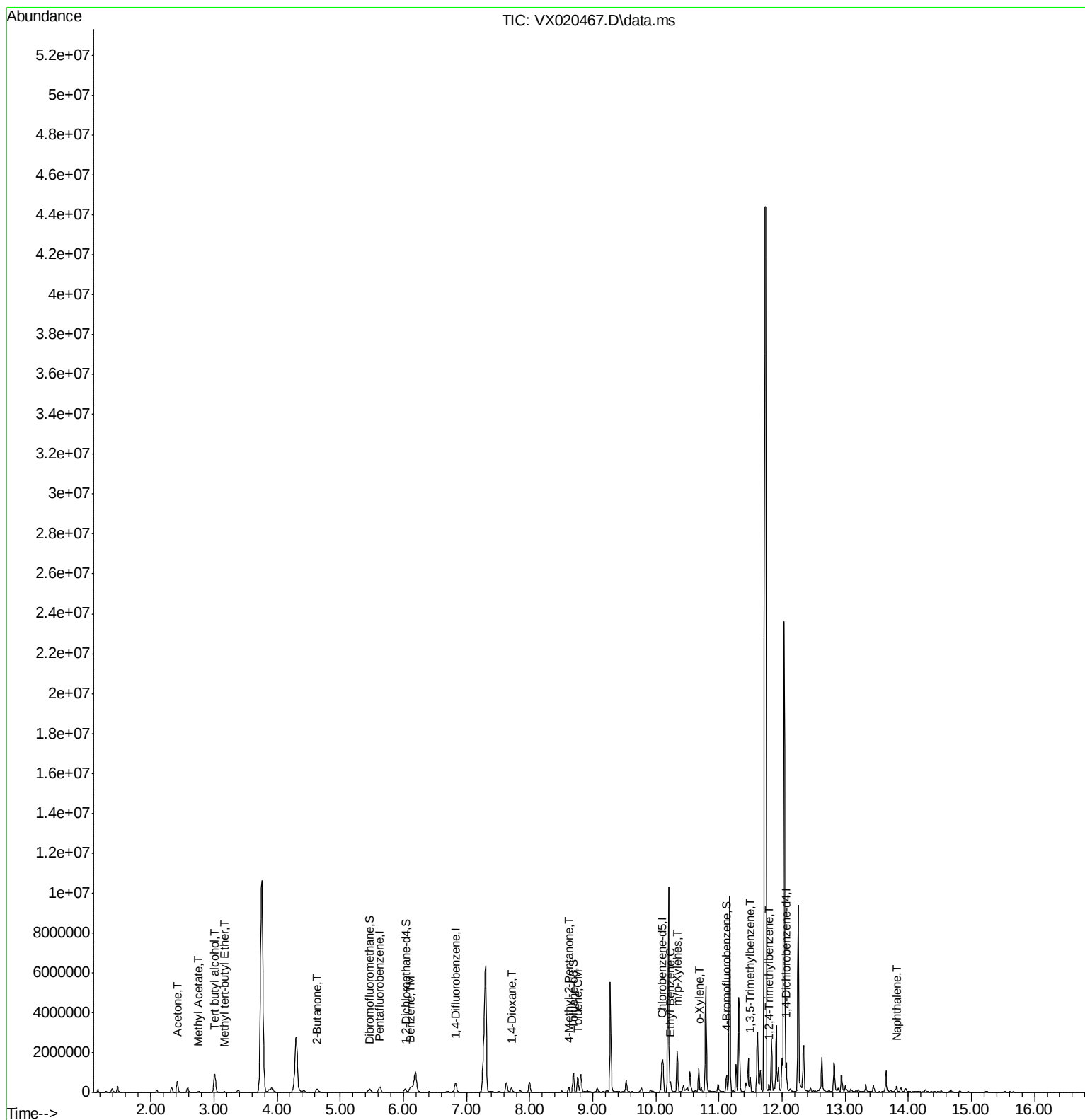
Internal Standards						
1) Pentafluorobenzene	5.629	168	276546	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	456417	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	440115	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.067	152	200117	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	169673	45.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.54%		
35) Dibromofluoromethane	5.464	113	143345	49.10	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.20%		
50) Toluene-d8	8.695	98	560398	49.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.72%		
62) 4-Bromofluorobenzene	11.122	95	223881	52.05	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.10%		
Target Compounds						Qvalue
11) Tert butyl alcohol	3.014	59	357007	430.08	ug/l	# 94
16) Acetone	2.416	43	565566	334.58	ug/l	100
18) Methyl Acetate	2.751	43	59972	15.91	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	26814	2.54	ug/l	95
25) 2-Butanone	4.635	43	269179	109.41	ug/l	99
40) Benzene	6.111	78	284808	20.28	ug/l	100
49) 1,4-Dioxane	7.714	88	157198	1851.74	ug/l	98
51) 4-Methyl-2-Pentanone	8.616	43	153800	33.57	ug/l	97
52) Toluene	8.763	92	279135	32.57	ug/l	99
67) Ethyl Benzene	10.232	91	228839	13.86	ug/l	99
68) m/p-Xylenes	10.342	106	484103	78.56	ug/l	100
69) o-Xylene	10.683	106	234349	39.52	ug/l	98
80) 1,3,5-Trimethylbenzene	11.494	105	26033	2.13	ug/l	99
84) 1,2,4-Trimethylbenzene	11.792	105	124457	10.02	ug/l	87
95) Naphthalene	13.816	128	178163	12.88	ug/l	98

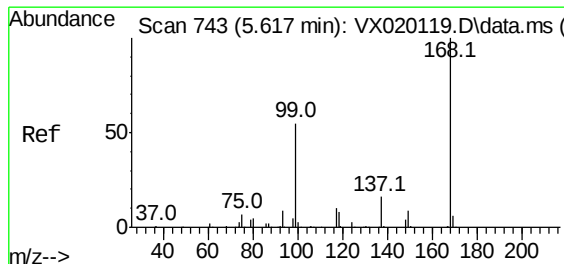
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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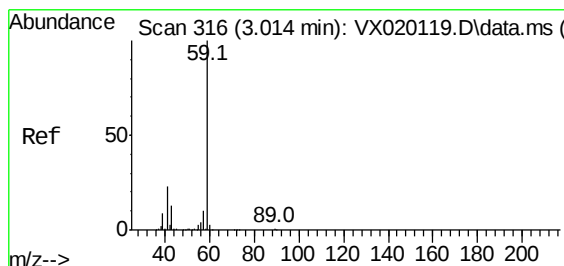
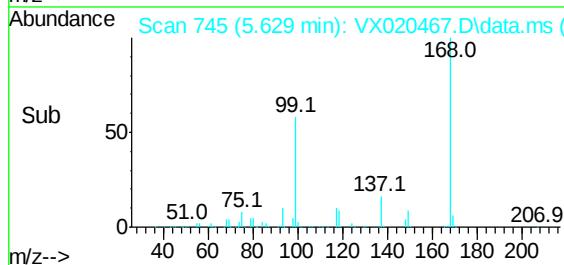
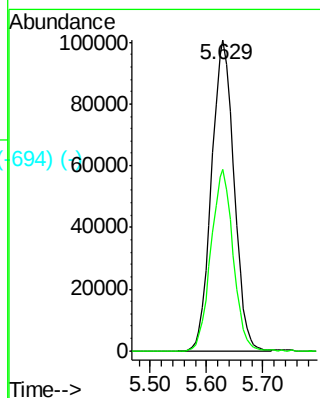
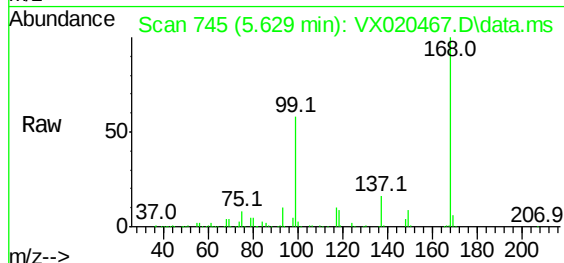




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020467.D
 Acq: 30 Dec 2020 19:38

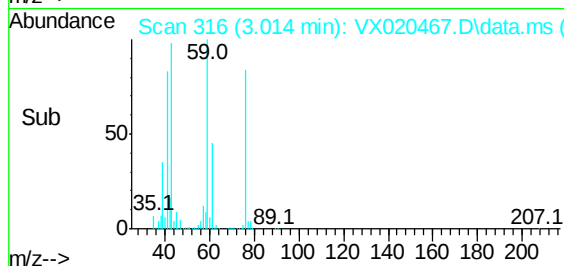
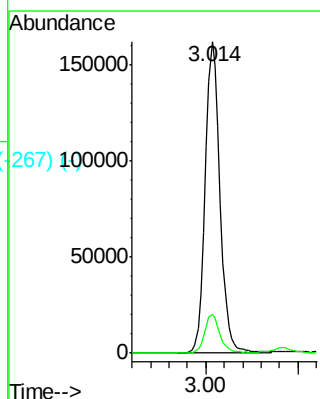
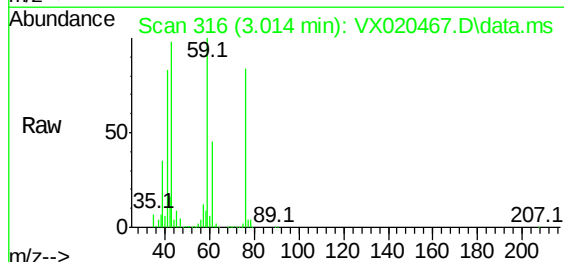
Instrument :
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 31363

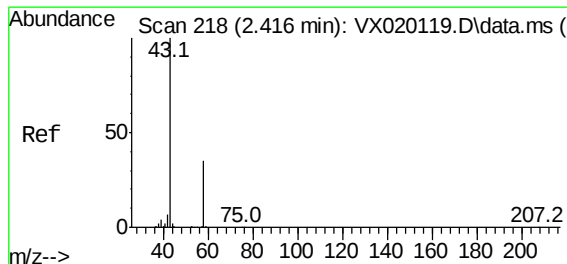
Tgt Ion:168 Resp: 276546
 Ion Ratio Lower Upper
 168 100
 99 58.2 45.8 68.6



Tert butyl alcohol
 Concen: 430.08 ug/l
 RT: 3.014 min Scan# 316
 Delta R.T. -0.000 min
 Lab File: VX020467.D
 Acq: 30 Dec 2020 19:38

Tgt Ion: 59 Resp: 357007
 Ion Ratio Lower Upper
 59 100
 57 12.1 7.8 11.8#

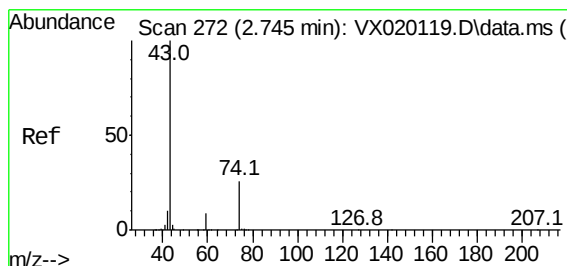
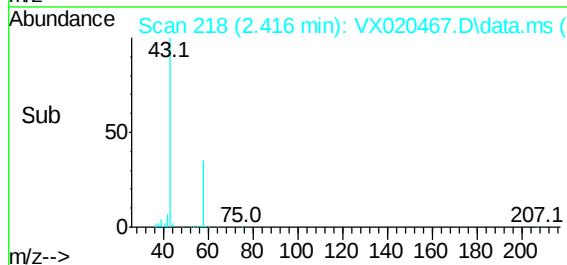
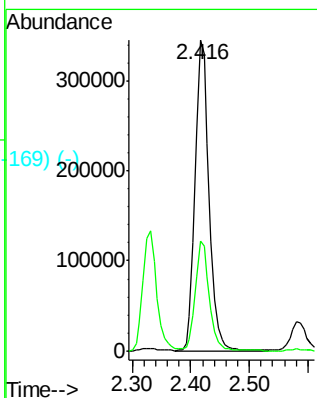
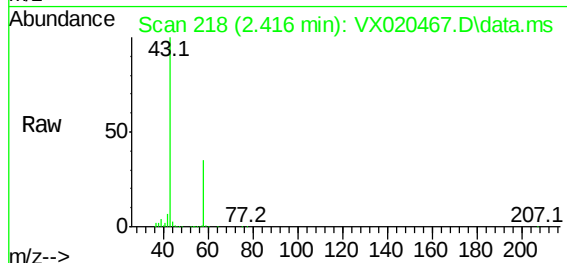




Acetone
Concen: 334.58 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020467.D
Acq: 30 Dec 2020 19:38

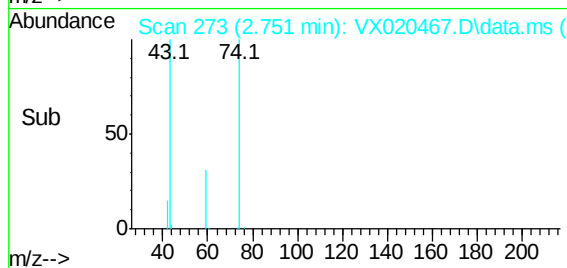
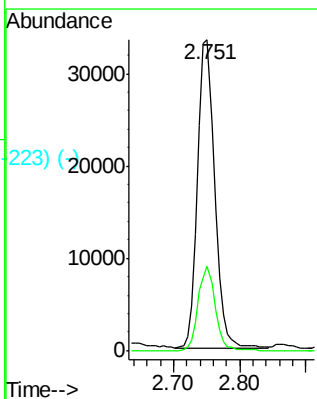
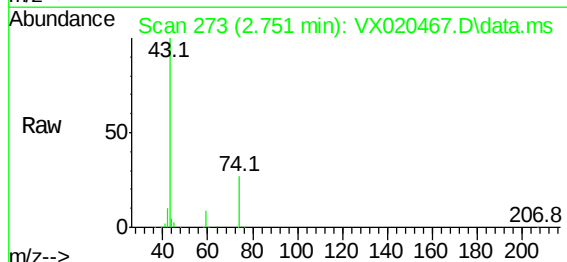
Instrument :
MSVOA_X
ClientSampleId :
31363

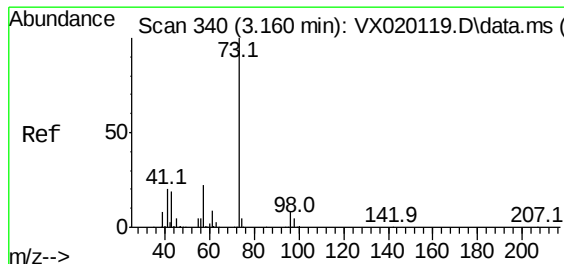
Tgt Ion: 43 Resp: 565566
Ion Ratio Lower Upper
43 100
58 35.1 27.8 41.8



Methyl Acetate
Concen: 15.91 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020467.D
Acq: 30 Dec 2020 19:38

Tgt Ion: 43 Resp: 59972
Ion Ratio Lower Upper
43 100
74 26.9 21.9 32.9

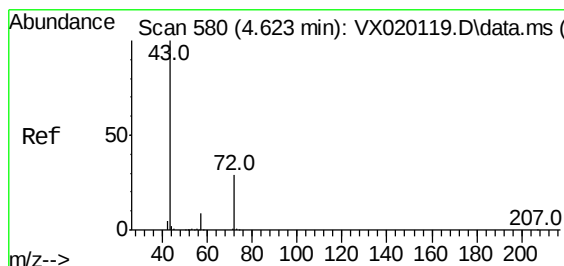
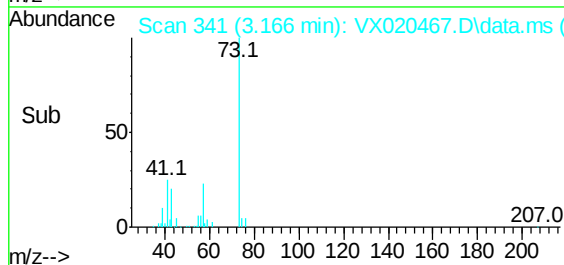
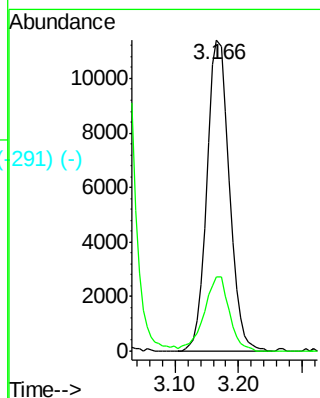
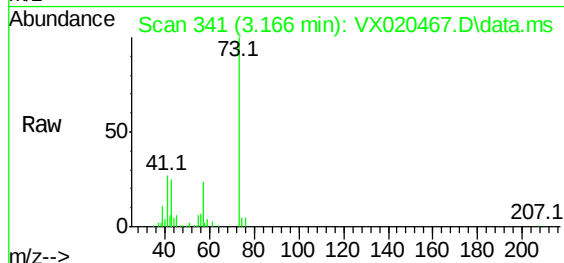




Methyl tert-butyl Ether
 Concen: 2.54 ug/l
 RT: 3.166 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VX020467.D
 Acq: 30 Dec 2020 19:38

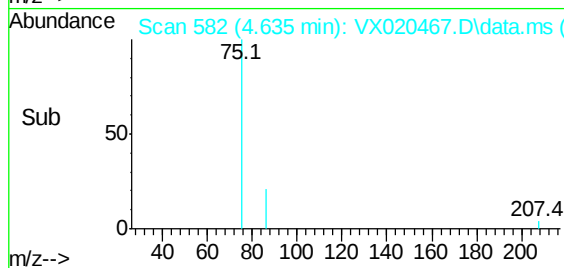
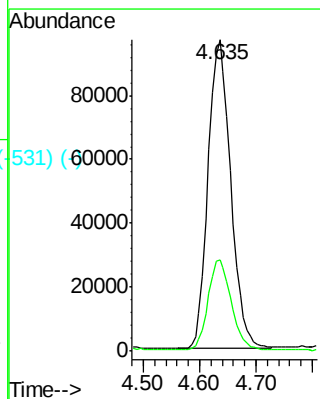
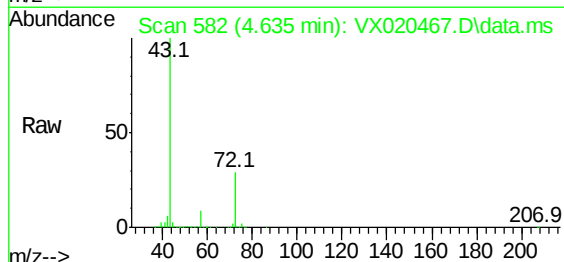
Instrument :
 MSVOA_X
 ClientSampleId :
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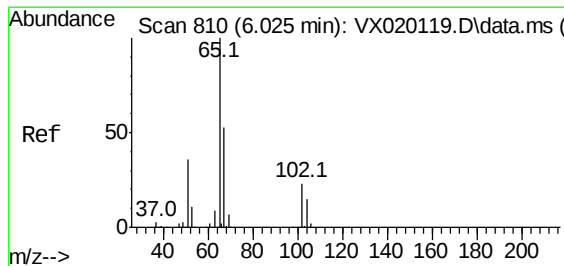
Tgt Ion: 73 Resp: 26814
 Ion Ratio Lower Upper
 73 100
 57 23.7 17.1 25.7



2-Butanone
 Concen: 109.41 ug/l
 RT: 4.635 min Scan# 582
 Delta R.T. 0.012 min
 Lab File: VX020467.D
 Acq: 30 Dec 2020 19:38

Tgt Ion: 43 Resp: 269179
 Ion Ratio Lower Upper
 43 100
 72 29.0 23.7 35.5

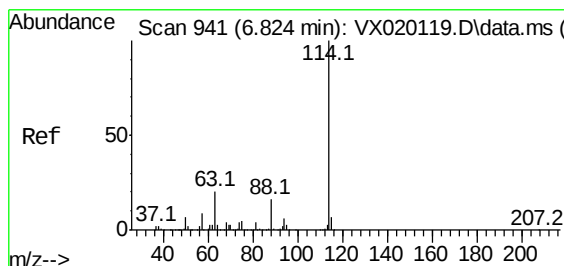
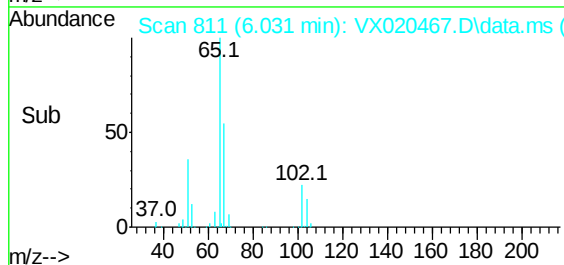
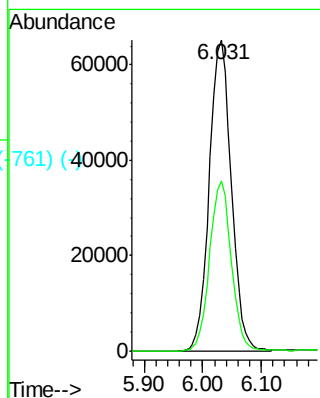
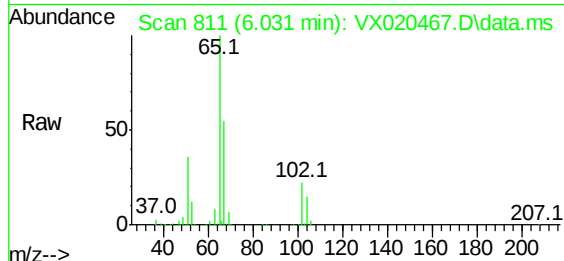




1,2-Dichloroethane-d4
Concen: 45.77 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020467.D
Acq: 30 Dec 2020 19:38

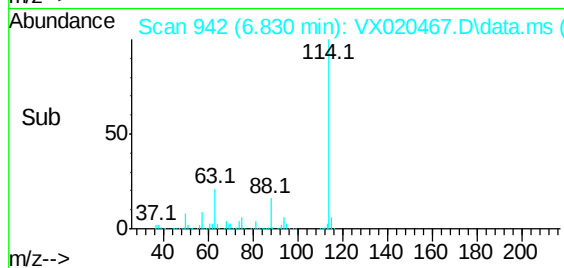
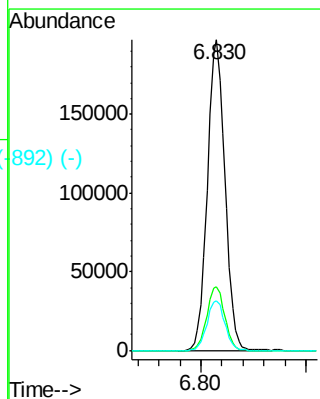
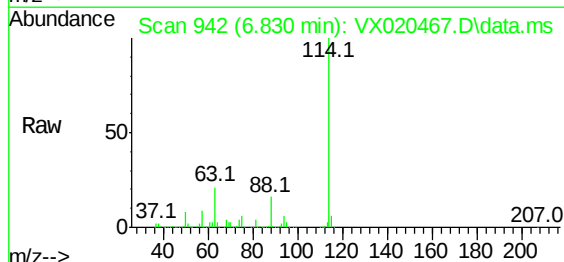
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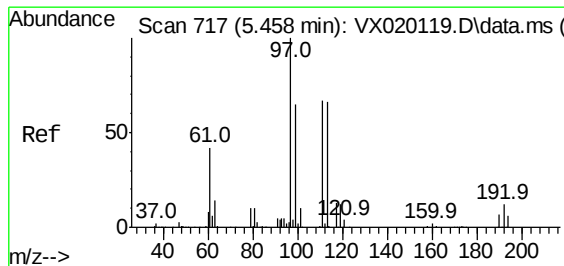
Tgt Ion: 65 Resp: 169673
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020467.D
Acq: 30 Dec 2020 19:38

Tgt Ion: 114 Resp: 456417
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.1 0.0 32.8

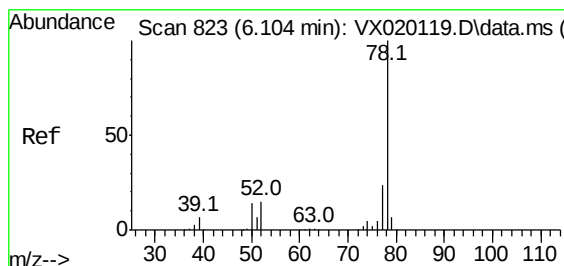
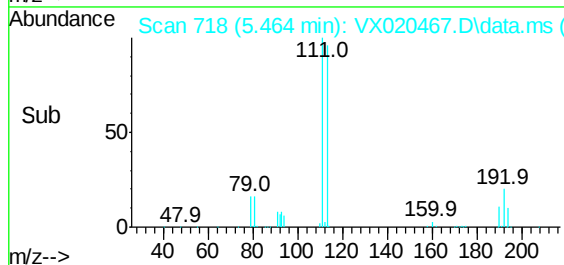
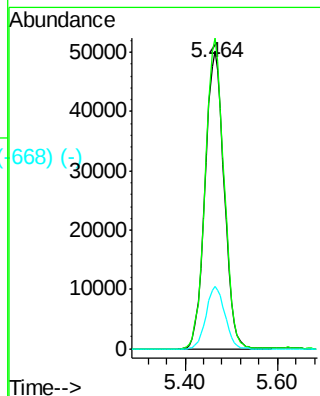
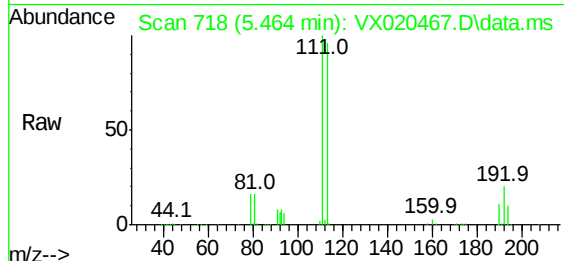




Dibromofluoromethane
Concen: 49.10 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020467.D
Acq: 30 Dec 2020 19:38

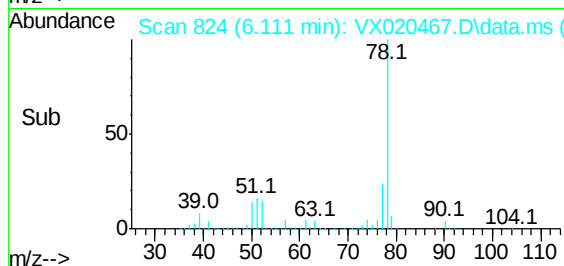
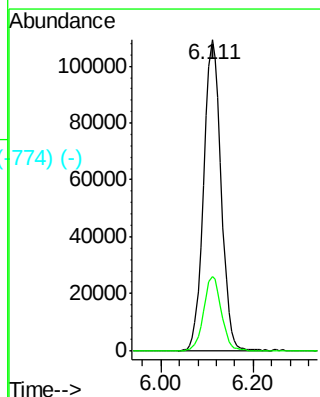
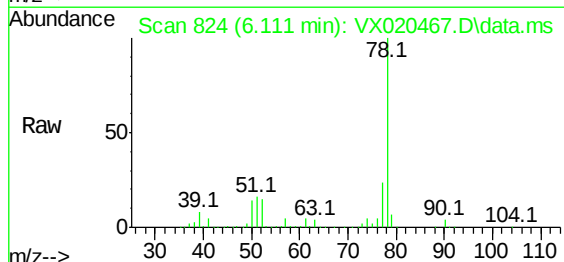
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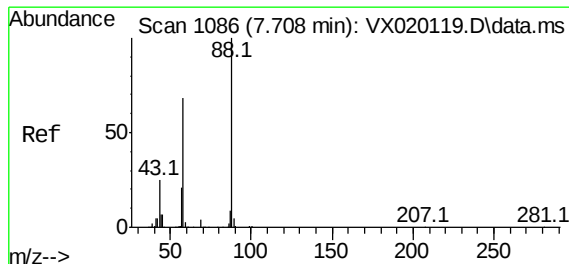
Tgt Ion:113 Resp: 143345
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.7 16.7 25.1



Benzene
Concen: 20.28 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020467.D
Acq: 30 Dec 2020 19:38

Tgt Ion: 78 Resp: 284808
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

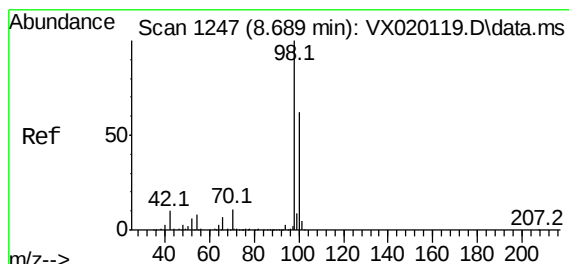
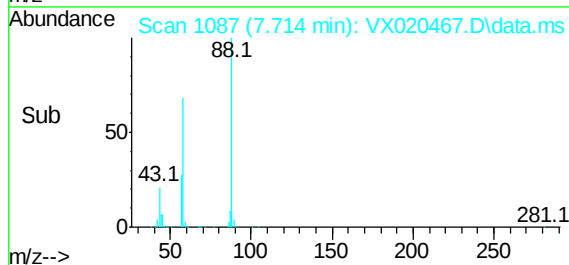
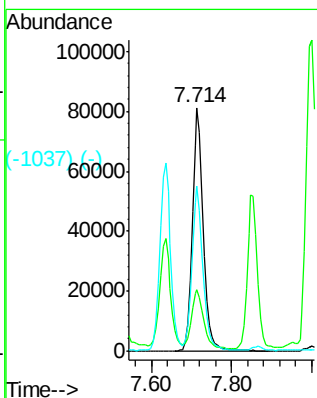
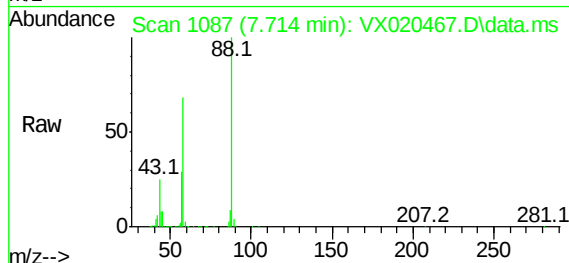




(-1079) (-)
1,4-Dioxane
Concen: 1851.74 ug/l
RT: 7.714 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VX020467.D
Acq: 30 Dec 2020 19:38

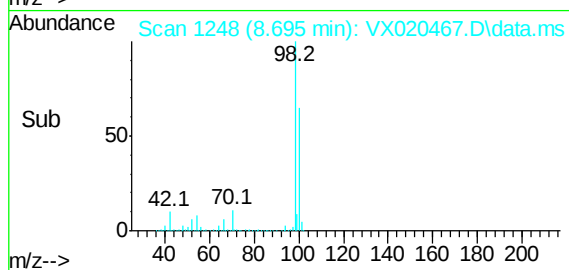
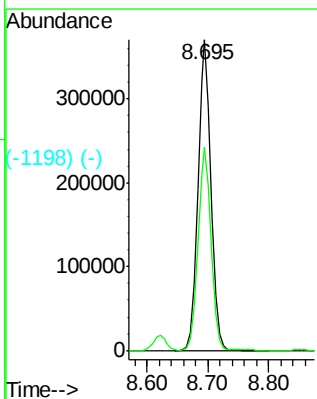
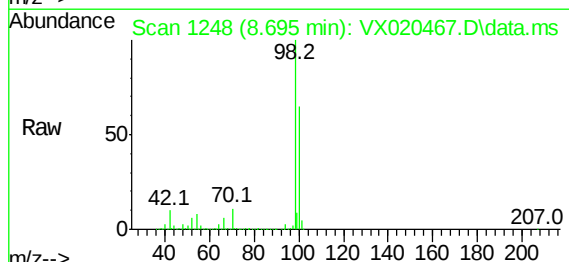
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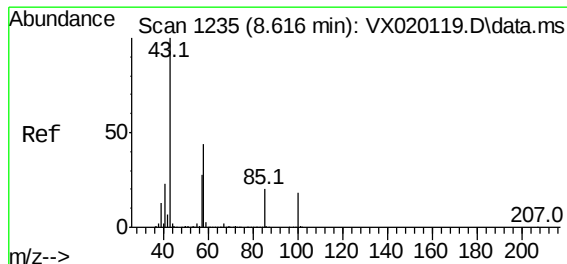
Tgt Ion: 88 Resp: 157198
Ion Ratio Lower Upper
88 100
43 26.6 23.2 34.8
58 69.0 55.0 82.4



(-1259) (-)
Toluene-d8
Concen: 49.86 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020467.D
Acq: 30 Dec 2020 19:38

Tgt Ion: 98 Resp: 560398
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

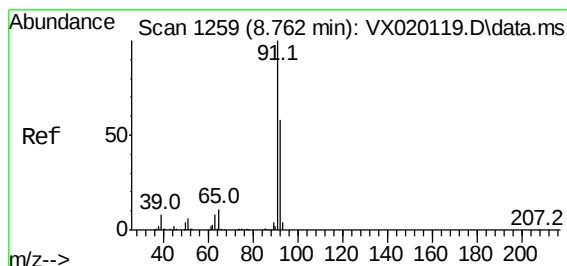
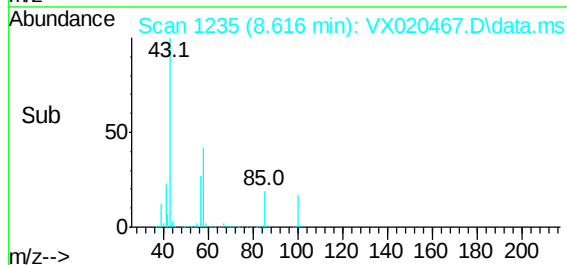
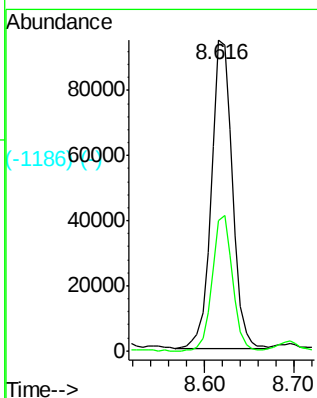
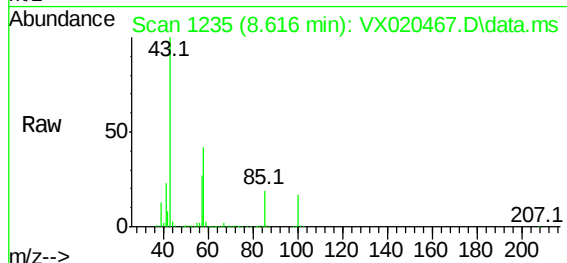




#526 (-)
4-Methyl-2-Pentanone
Concen: 33.57 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020467.D
Acq: 30 Dec 2020 19:38

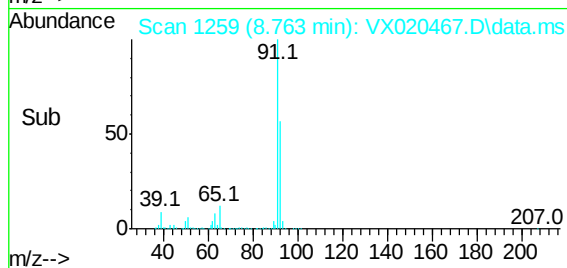
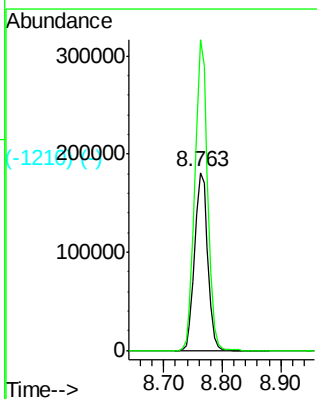
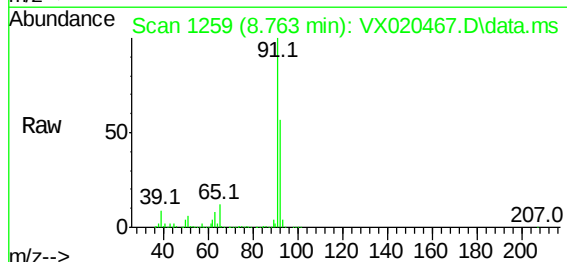
Instrument :
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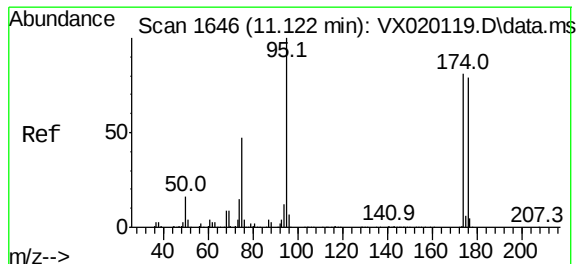
Tgt Ion: 43 Resp: 153800
Ion Ratio Lower Upper
43 100
58 42.2 35.4 53.0



#527 (-)
Toluene
Concen: 32.57 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020467.D
Acq: 30 Dec 2020 19:38

Tgt Ion: 92 Resp: 279135
Ion Ratio Lower Upper
92 100
91 170.2 137.1 205.7



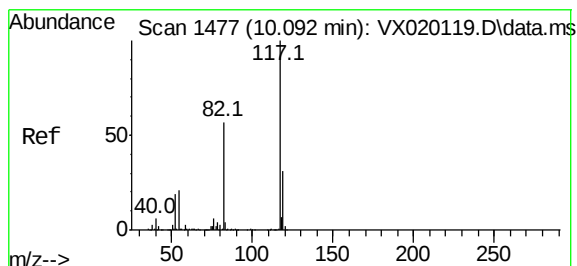
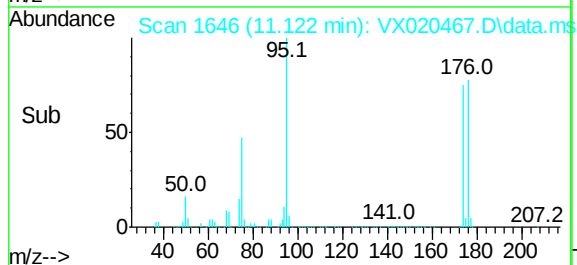
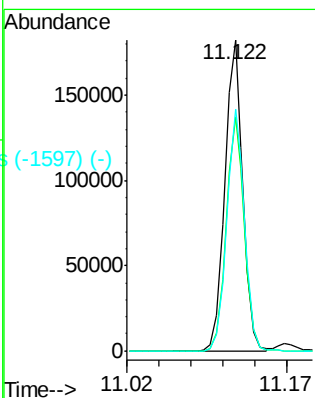
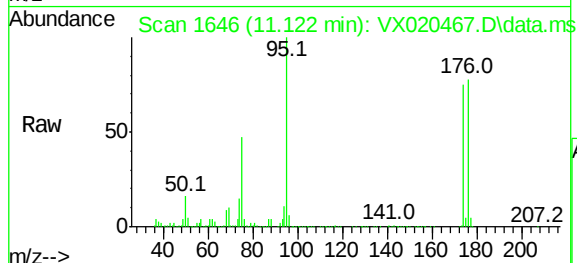


Scan 1646 (11.122 min): VX020119.D\data.ms
 #639 (-)
 4-Bromofluorobenzene
 Concen: 52.05 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020467.D
 Acq: 30 Dec 2020 19:38

Instrument :
 MSVOA_X
 ClientSampleId :
 31363

Tgt Ion: 95 Resp: 223881

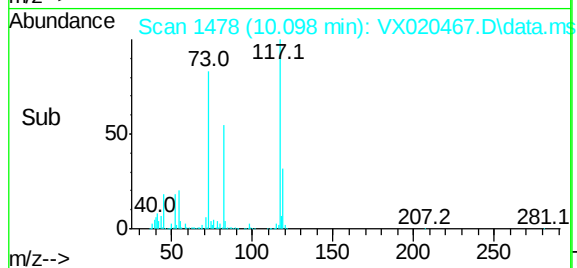
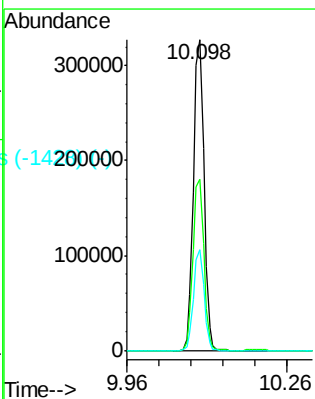
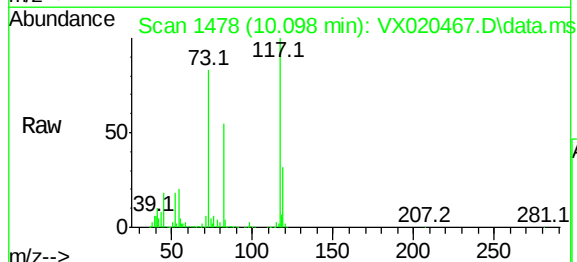
Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	154.6
176	77.2	0.0	155.8

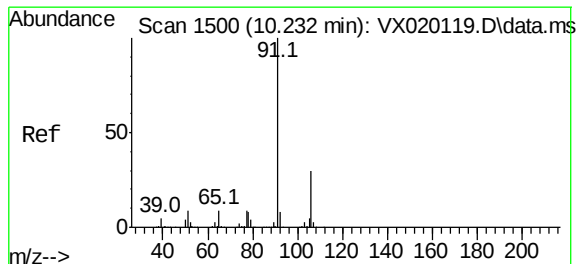


Scan 1478 (10.098 min): VX020119.D\data.ms
 #640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.098 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VX020467.D
 Acq: 30 Dec 2020 19:38

Tgt Ion: 117 Resp: 440115

Ion	Ratio	Lower	Upper
117	100		
82	54.9	47.4	71.2
119	32.4	26.6	39.8

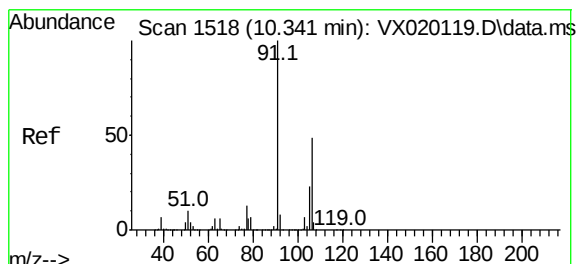
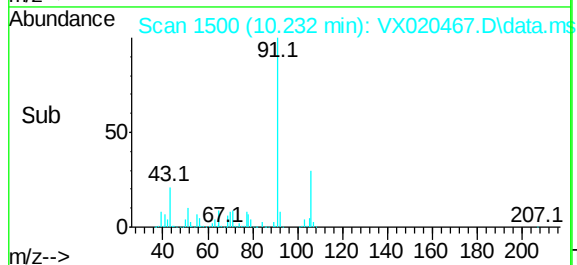
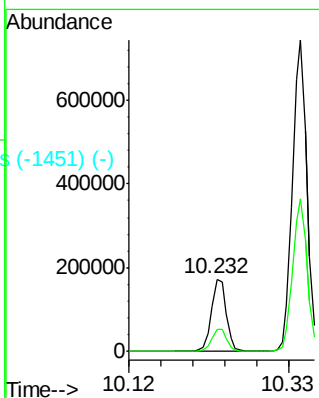
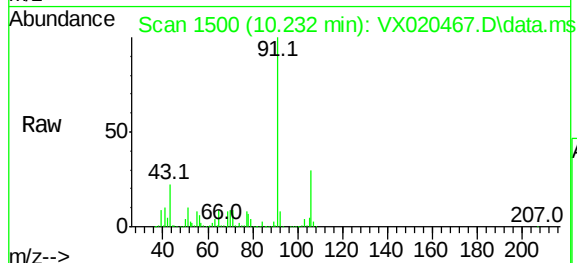




#6793 (-)
Ethyl Benzene
Concen: 13.86 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020467.D
Acq: 30 Dec 2020 19:38

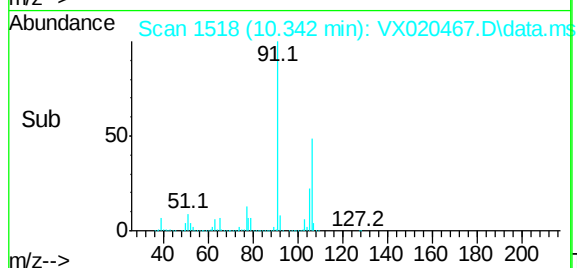
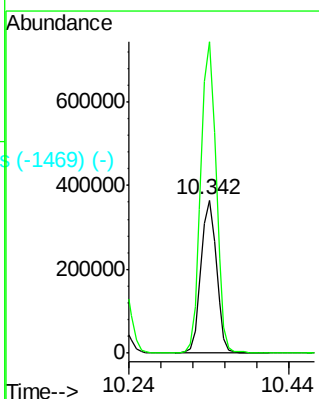
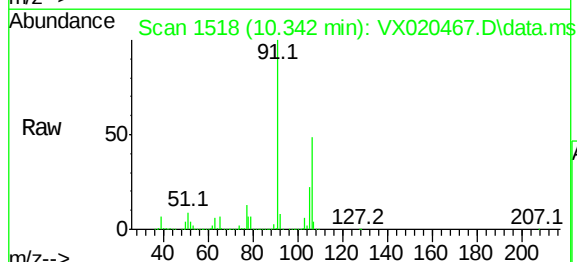
Instrument :
MSVOA_X
ClientSampleId :
31363

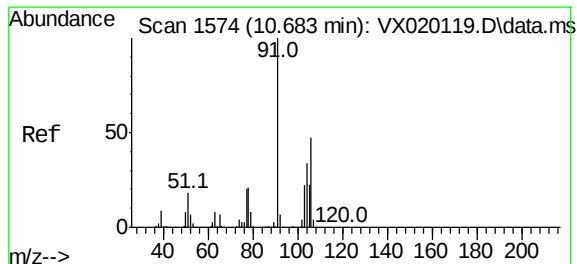
Tgt Ion: 91 Resp: 228839
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0



#6811 (-)
m/p-Xylenes
Concen: 78.56 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020467.D
Acq: 30 Dec 2020 19:38

Tgt Ion: 106 Resp: 484103
Ion Ratio Lower Upper
106 100
91 204.1 162.8 244.2

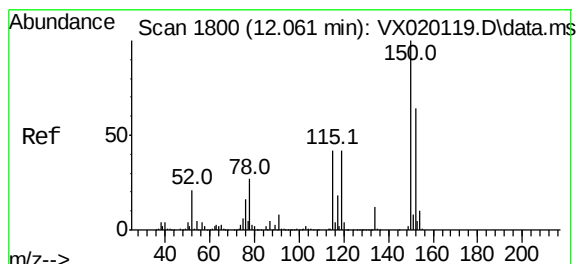
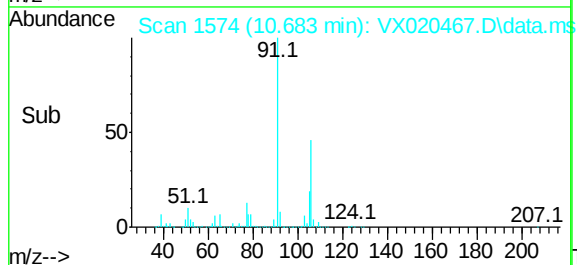
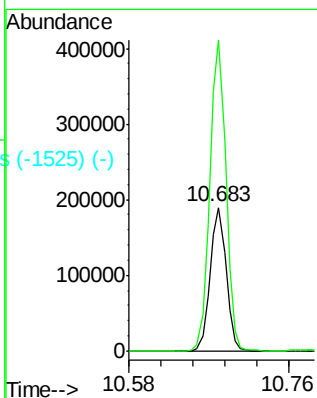
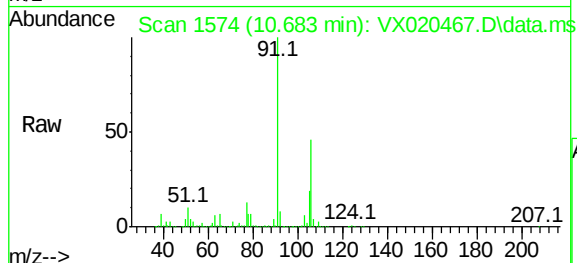




Scan 1574 (10.683 min): VX020119.D\data.ms
 #697 (-)
 o-Xylene
 Concen: 39.52 ug/l
 RT: 10.683 min Scan# 1574
 Delta R.T. -0.000 min
 Lab File: VX020467.D
 Acq: 30 Dec 2020 19:38

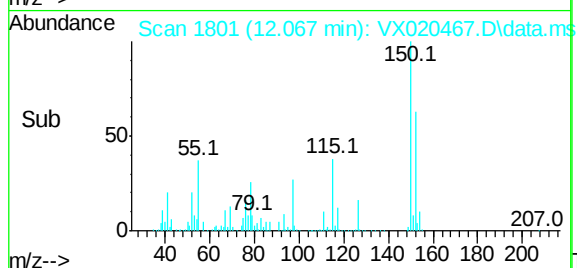
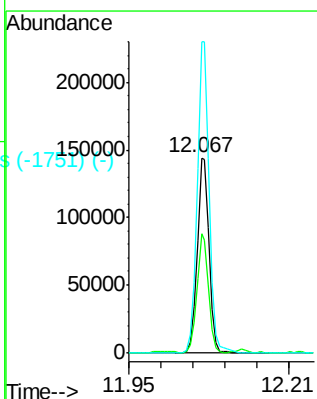
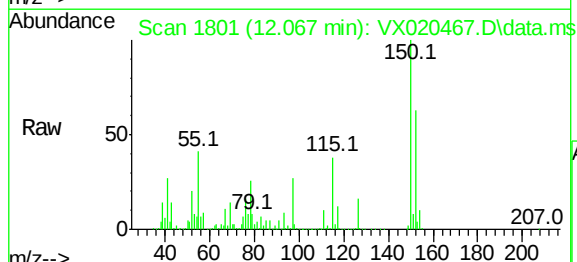
Instrument :
 MSVOA_X
 ClientSampled :
 31363

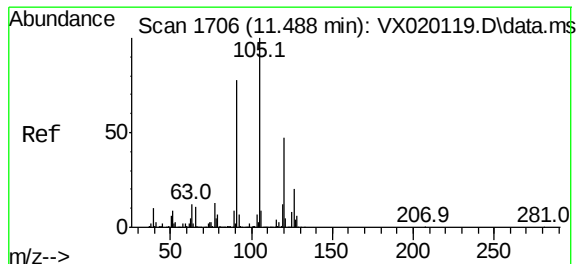
Tgt Ion:106 Resp: 234349
 Ion Ratio Lower Upper
 106 100
 91 218.6 108.1 324.2



Scan 1801 (12.061 min): VX020119.D\data.ms
 #724 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.067 min Scan# 1801
 Delta R.T. 0.006 min
 Lab File: VX020467.D
 Acq: 30 Dec 2020 19:38

Tgt Ion:152 Resp: 200117
 Ion Ratio Lower Upper
 152 100
 115 59.6 41.1 123.3
 150 161.7 0.0 349.0

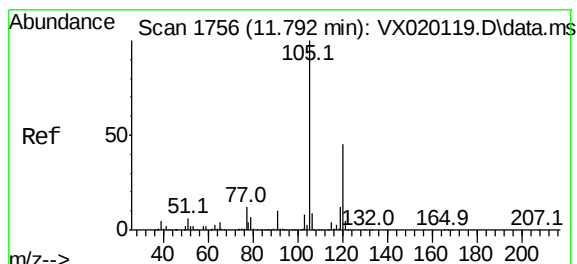
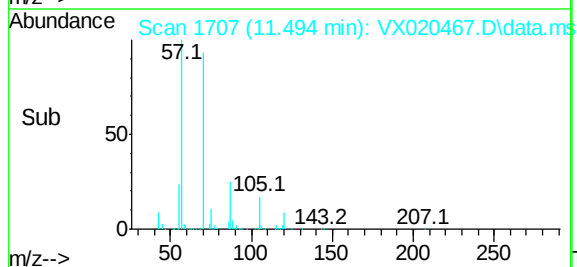
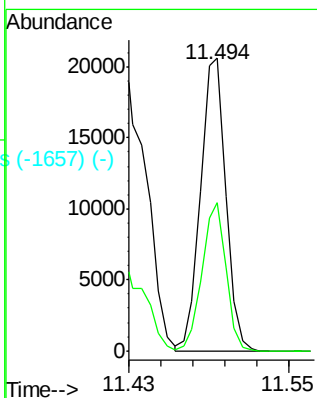
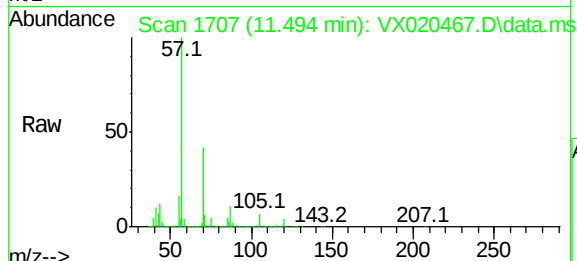




#8900 (-)
 1,3,5-Trimethylbenzene
 Concen: 2.13 ug/l
 RT: 11.494 min Scan# 1707
 Delta R.T. 0.006 min
 Lab File: VX020467.D
 Acq: 30 Dec 2020 19:38

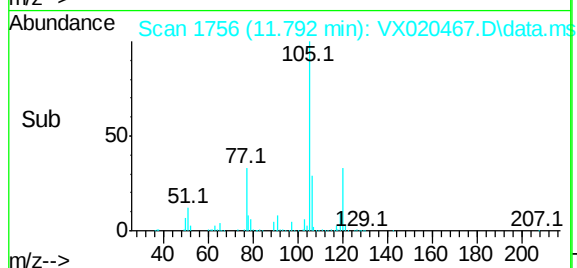
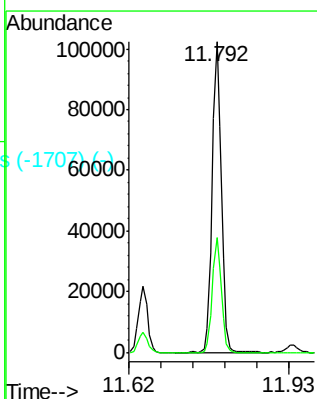
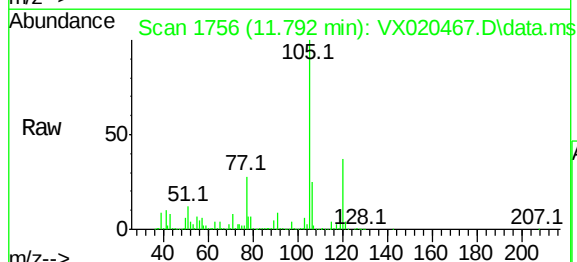
Instrument :
 MSVOA_X
 ClientSampleId :
 31363

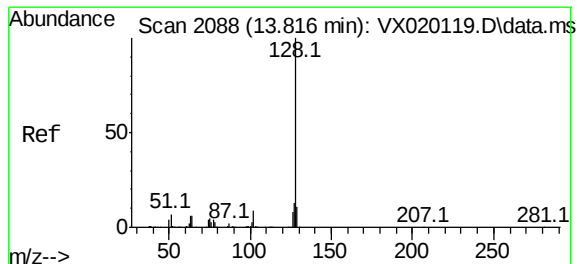
Tgt Ion:105 Resp: 26033
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.8 71.5



#8745 (-)
 1,2,4-Trimethylbenzene
 Concen: 10.02 ug/l
 RT: 11.792 min Scan# 1756
 Delta R.T. 0.000 min
 Lab File: VX020467.D
 Acq: 30 Dec 2020 19:38

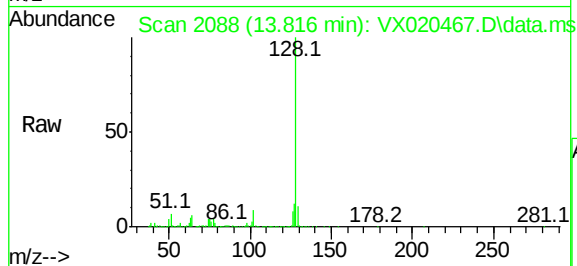
Tgt Ion:105 Resp: 124457
 Ion Ratio Lower Upper
 105 100
 120 36.3 22.4 67.3





#95 (-)
Naphthalene
Concen: 12.88 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VX020467.D
Acq: 30 Dec 2020 19:38

Instrument :
MSVOA_X
ClientSampleId :
31363



Tgt Ion:128 Resp: 178163

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	12.1	8.8	13.2

