

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
 Data File : VX020459.D
 Acq On : 30 Dec 2020 16:31
 Operator : JC/MD
 Sample : L5222-17 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31363

Quant Time: Dec 31 01:08:35 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)

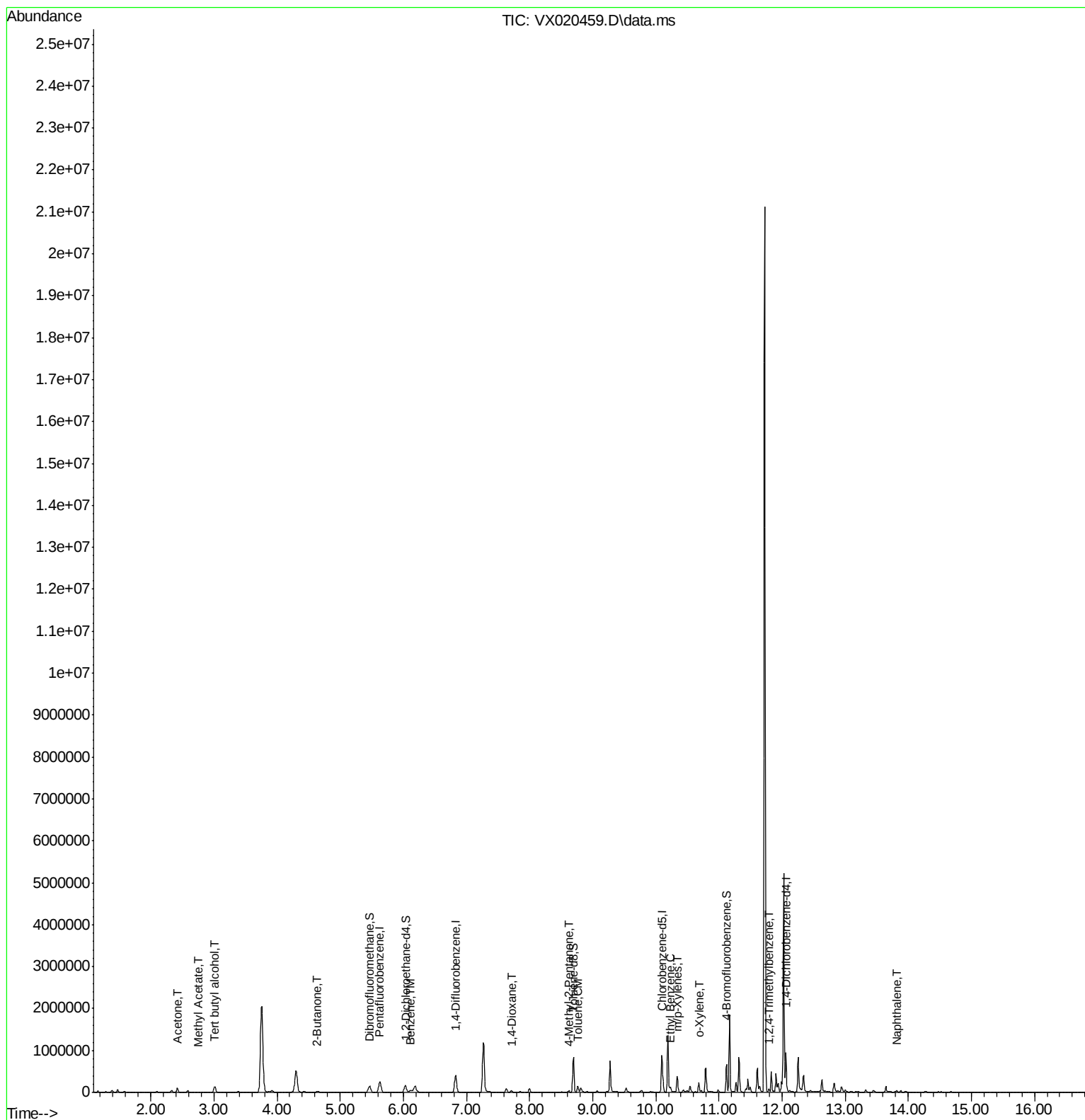
Internal Standards						
1) Pentafluorobenzene	5.629	168	239331	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	405427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	371267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.060	152	167240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	155129	48.36	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	96.72%	
35) Dibromofluoromethane	5.458	113	129960	50.11	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.22%	
50) Toluene-d8	8.695	98	495785	49.66	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.122	95	175204	45.85	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	91.70%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.013	59	54010	75.18	ug/l	# 93
16) Acetone	2.416	43	99883	68.28	ug/l	100
18) Methyl Acetate	2.751	43	10663	3.27	ug/l	100
25) 2-Butanone	4.635	43	46820	21.99	ug/l	97
40) Benzene	6.110	78	54190	4.34	ug/l	95
49) 1,4-Dioxane	7.714	88	23934	317.39	ug/l	97
51) 4-Methyl-2-Pentanone	8.622	43	25195	6.19	ug/l	97
52) Toluene	8.762	92	54282	7.13	ug/l	99
67) Ethyl Benzene	10.231	91	45148	3.24	ug/l	95
68) m/p-Xylenes	10.341	106	89044	17.13	ug/l	97
69) o-Xylene	10.683	106	42808	8.56	ug/l	100
84) 1,2,4-Trimethylbenzene	11.792	105	23326	2.25	ug/l	89
95) Naphthalene	13.816	128	28169	2.44	ug/l	99

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

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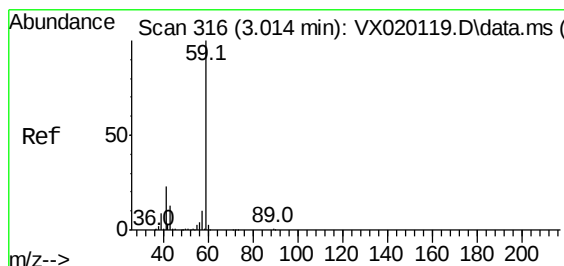
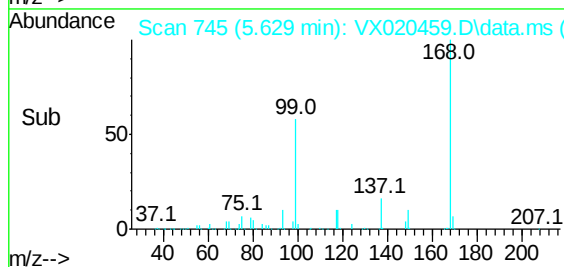
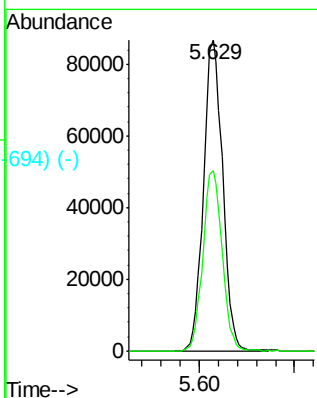
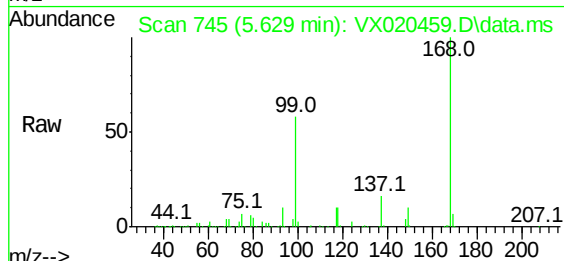




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020459.D
 Acq: 30 Dec 2020 16:31

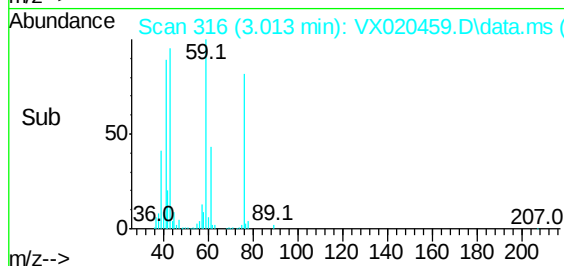
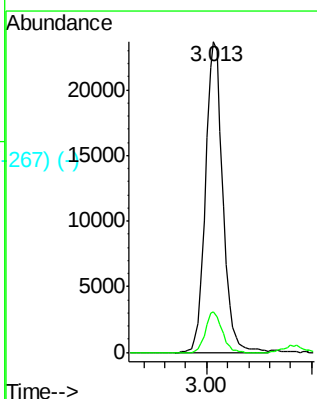
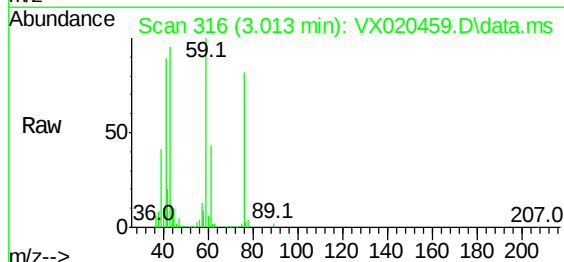
Instrument :
 MSVOA_X
 ClientSampleId :
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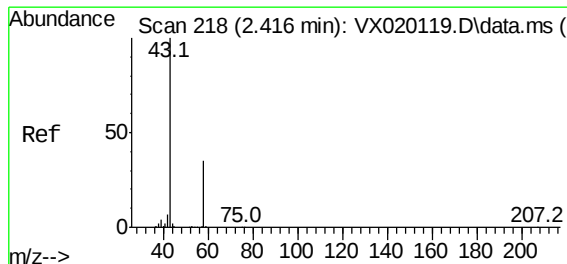
Tgt Ion:168 Resp: 239331
 Ion Ratio Lower Upper
 168 100
 99 58.0 45.8 68.6



Tert butyl alcohol
 Concen: 75.18 ug/l
 RT: 3.013 min Scan# 316
 Delta R.T. -0.001 min
 Lab File: VX020459.D
 Acq: 30 Dec 2020 16:31

Tgt Ion: 59 Resp: 54010
 Ion Ratio Lower Upper
 59 100
 57 12.5 7.8 11.8#

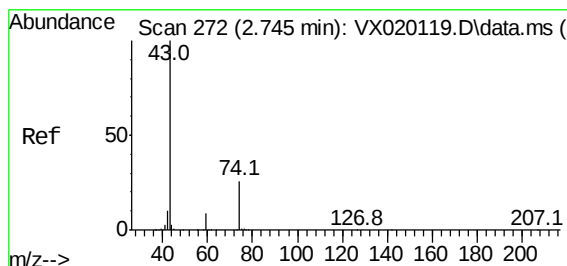
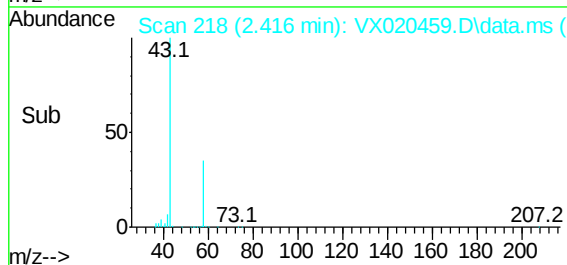
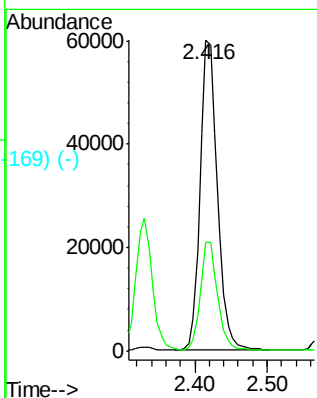
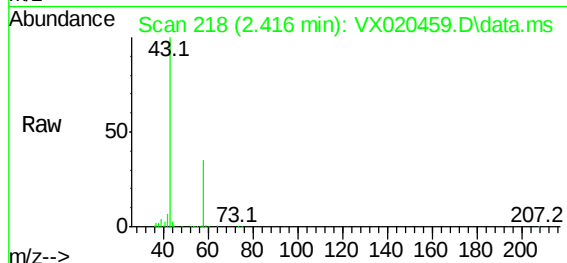




Acetone
Concen: 68.28 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX020459.D
Acq: 30 Dec 2020 16:31

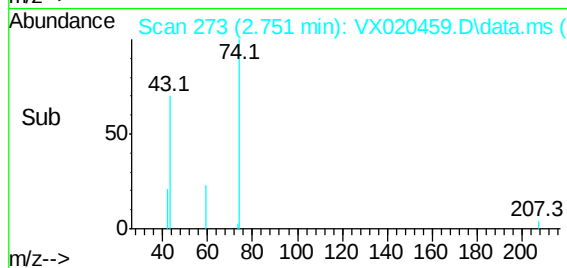
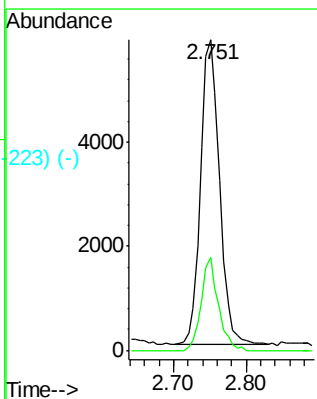
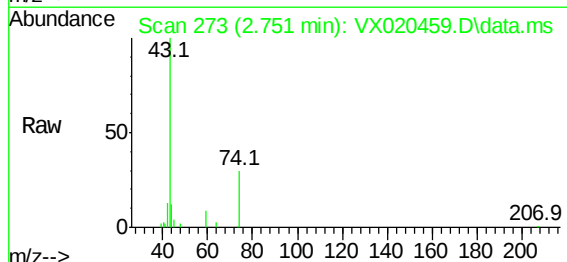
Instrument :
MSVOA_X
ClientSampleId :
31363

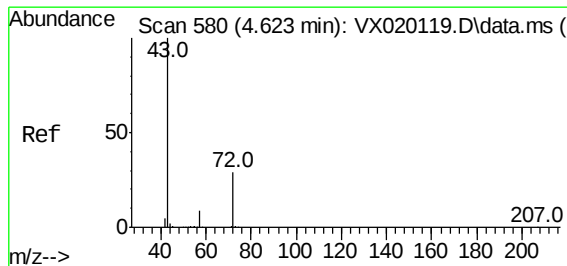
Tgt Ion: 43 Resp: 99883
Ion Ratio Lower Upper
43 100
58 34.8 27.8 41.8



Methyl Acetate
Concen: 3.27 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020459.D
Acq: 30 Dec 2020 16:31

Tgt Ion: 43 Resp: 10663
Ion Ratio Lower Upper
43 100
74 27.5 21.9 32.9

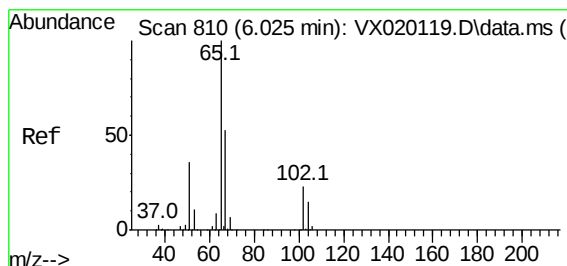
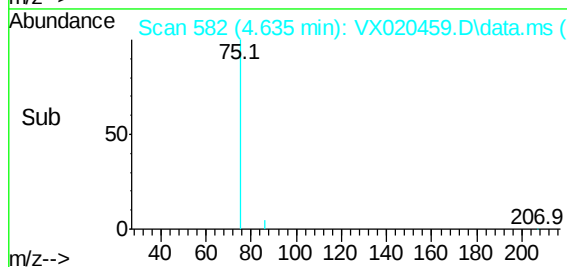
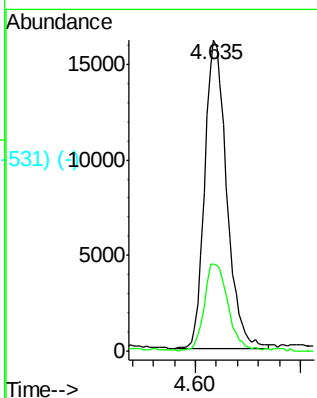
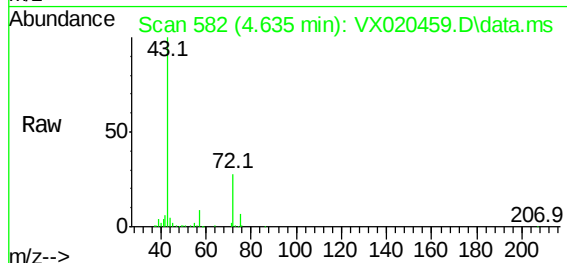




2-Butanone
Concen: 21.99 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020459.D
Acq: 30 Dec 2020 16:31

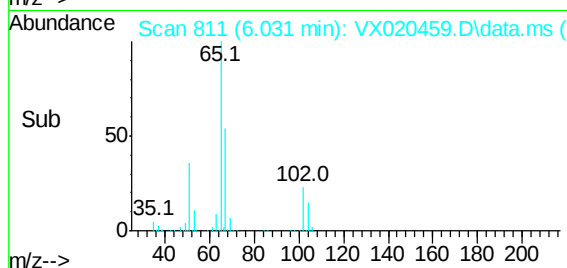
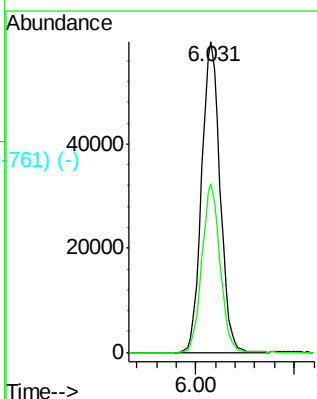
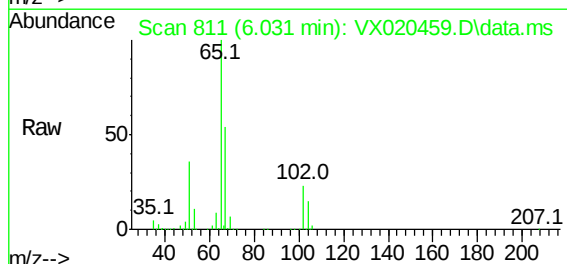
Instrument :
MSVOA_X
ClientSampleId :
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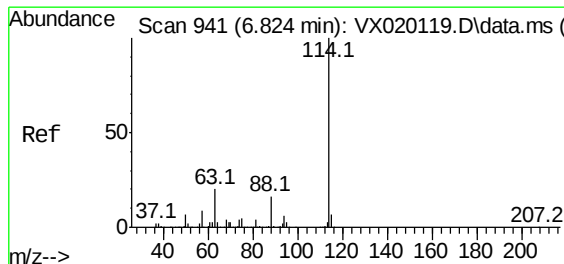
Tgt Ion: 43 Resp: 46820
Ion Ratio Lower Upper
43 100
72 27.8 23.7 35.5



1,2-Dichloroethane-d4
Concen: 48.36 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020459.D
Acq: 30 Dec 2020 16:31

Tgt Ion: 65 Resp: 155129
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

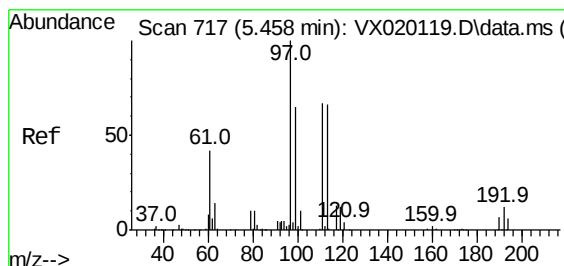
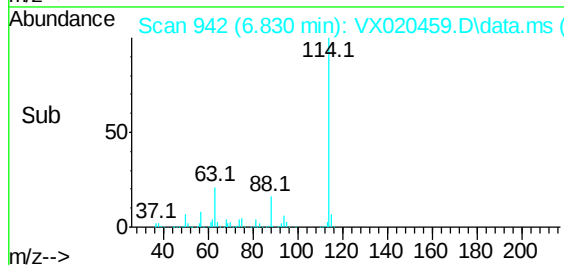
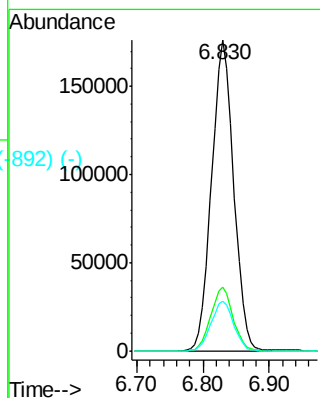
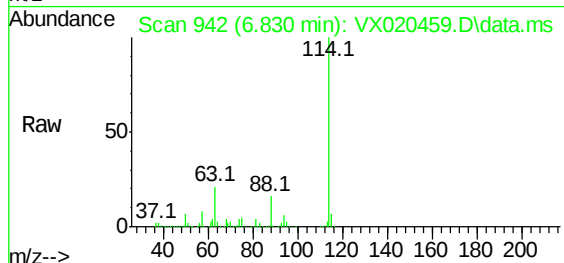




1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020459.D
 Acq: 30 Dec 2020 16:31

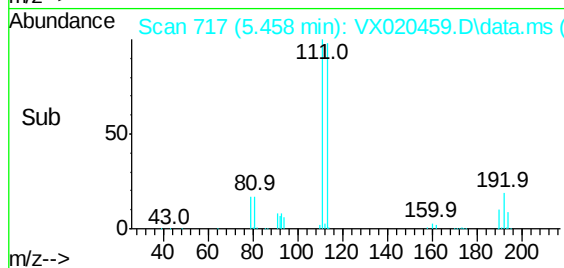
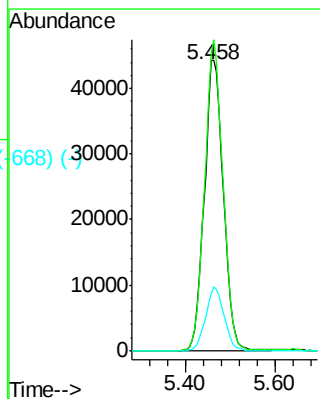
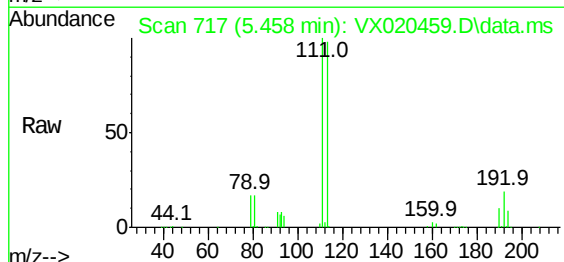
Instrument :
 MSVOA_X
 ClientSampleId :
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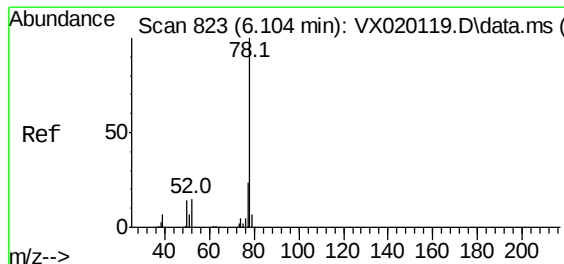
Tgt Ion:	114	Resp:	405427
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	40.8
88	15.9	0.0	32.8



Dibromofluoromethane
 Concen: 50.11 ug/l
 RT: 5.458 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VX020459.D
 Acq: 30 Dec 2020 16:31

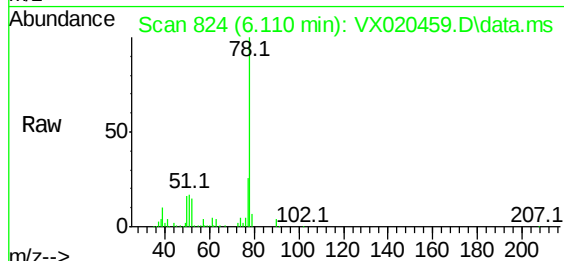
Tgt Ion:	113	Resp:	129960
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.9	122.9
192	21.0	16.7	25.1



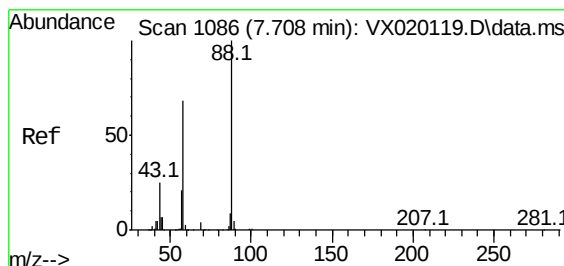
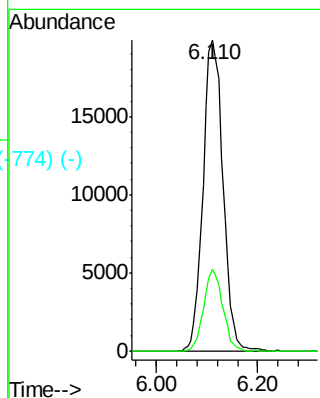
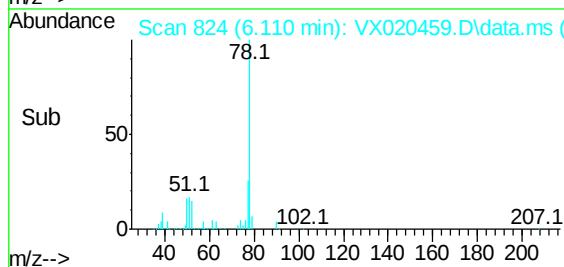


Scan 823 (6.104 min): VX020119.D\data.ms (-809) (-)
 Benzene
 Concen: 4.34 ug/l
 RT: 6.110 min Scan# 824
 Delta R.T. 0.006 min
 Lab File: VX020459.D
 Acq: 30 Dec 2020 16:31

Instrument :
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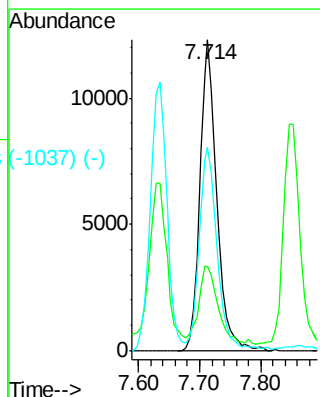
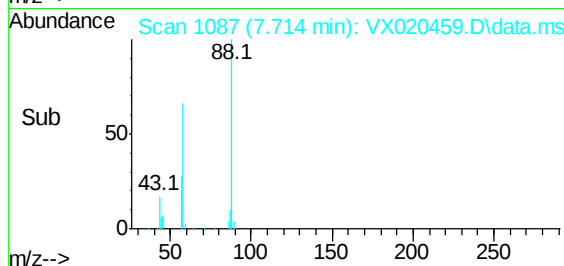
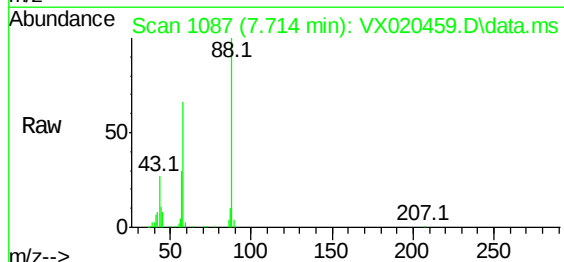


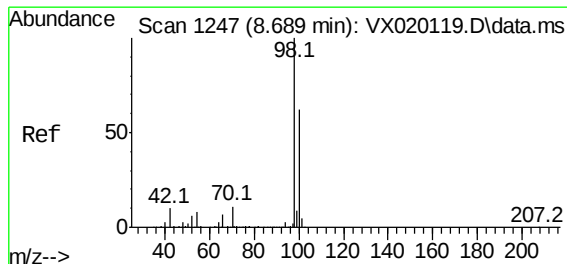
Tgt Ion: 78 Resp: 54190
 Ion Ratio Lower Upper
 78 100
 77 26.1 18.9 28.3



Scan 1086 (7.708 min): VX020119.D\data.ms (-109) (-)
 1,4-Dioxane
 Concen: 317.39 ug/l
 RT: 7.714 min Scan# 1087
 Delta R.T. 0.006 min
 Lab File: VX020459.D
 Acq: 30 Dec 2020 16:31

Tgt Ion: 88 Resp: 23934
 Ion Ratio Lower Upper
 88 100
 43 27.3 23.2 34.8
 58 70.5 55.0 82.4

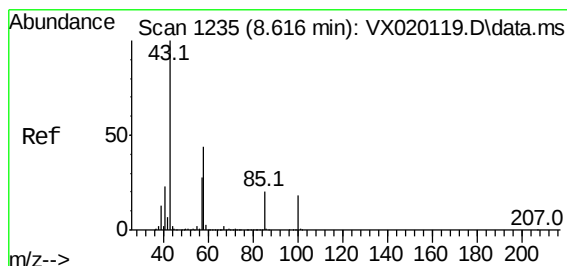
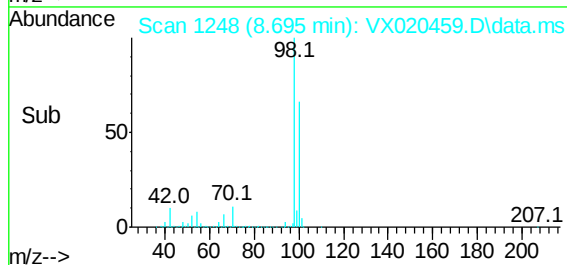
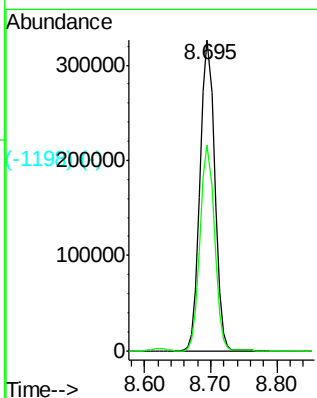
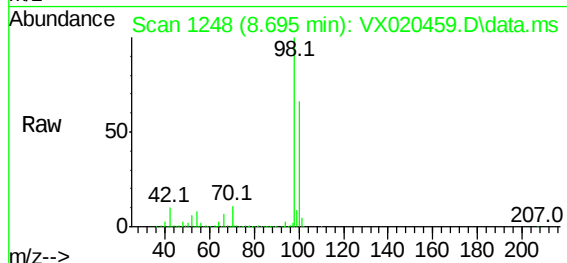




Toluene-d8
Concen: 49.66 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020459.D
Acq: 30 Dec 2020 16:31

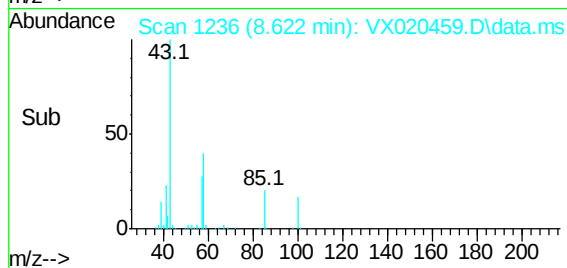
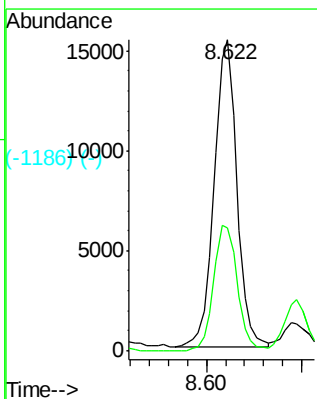
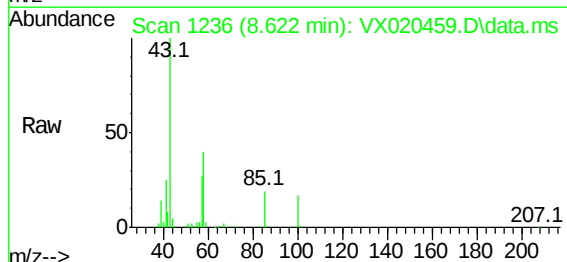
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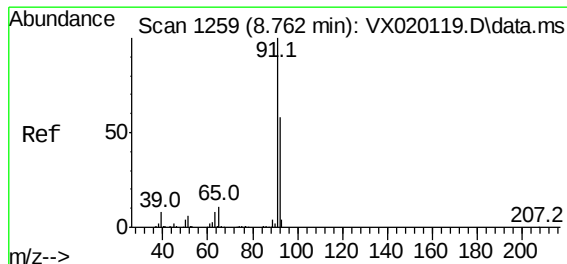
Tgt Ion: 98 Resp: 495785
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



4-Methyl-2-Pentanone
Concen: 6.19 ug/l
RT: 8.622 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VX020459.D
Acq: 30 Dec 2020 16:31

Tgt Ion: 43 Resp: 25195
Ion Ratio Lower Upper
43 100
58 42.6 35.4 53.0

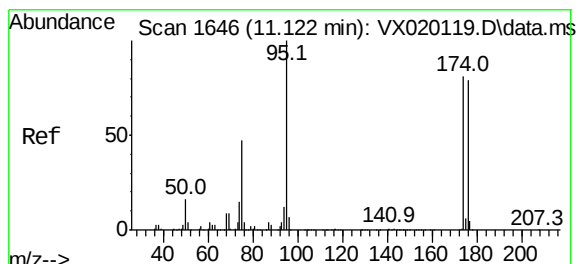
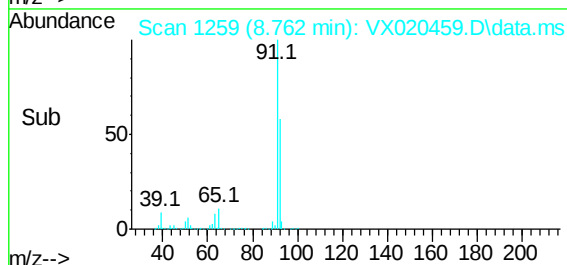
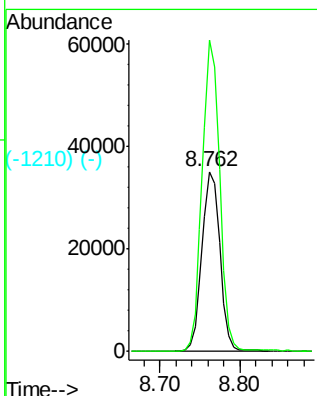
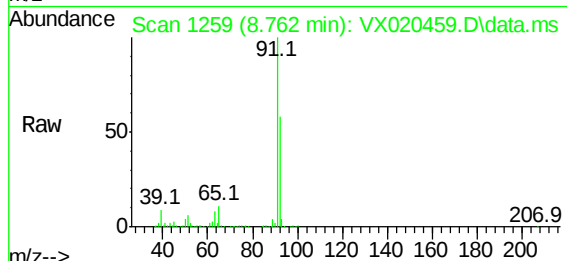




Toluene
Concen: 7.13 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VX020459.D
Acq: 30 Dec 2020 16:31

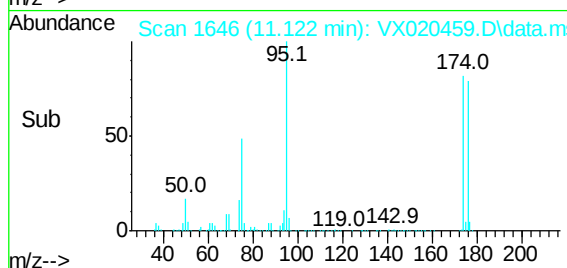
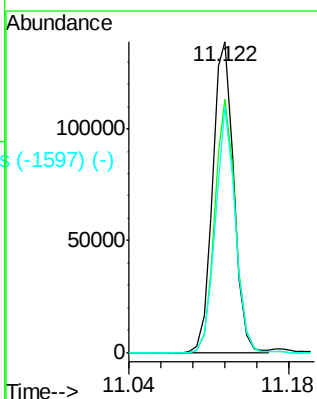
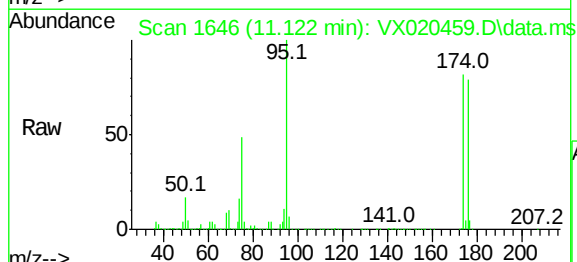
Instrument :
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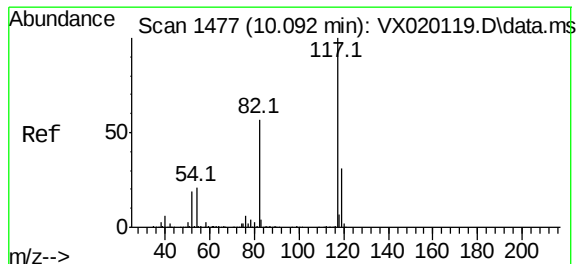
Tgt Ion: 92 Resp: 54282
Ion Ratio Lower Upper
92 100
91 169.9 137.1 205.7



4-Bromofluorobenzene
Concen: 45.85 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020459.D
Acq: 30 Dec 2020 16:31

Tgt Ion: 95 Resp: 175204
Ion Ratio Lower Upper
95 100
174 79.3 0.0 154.6
176 73.9 0.0 155.8

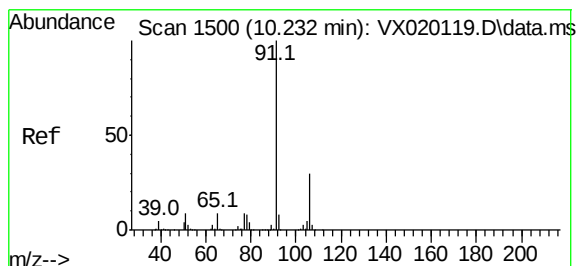
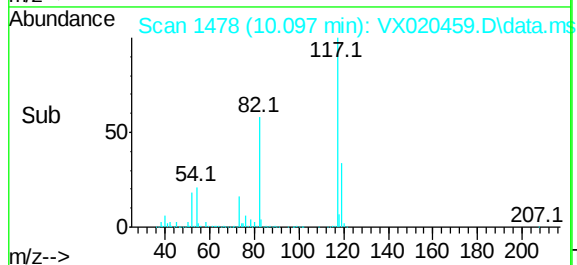
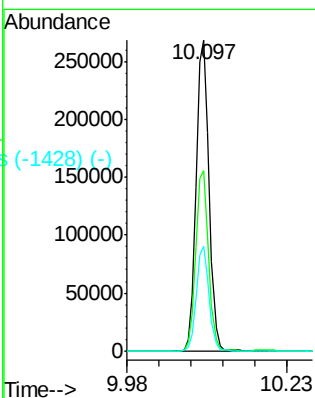
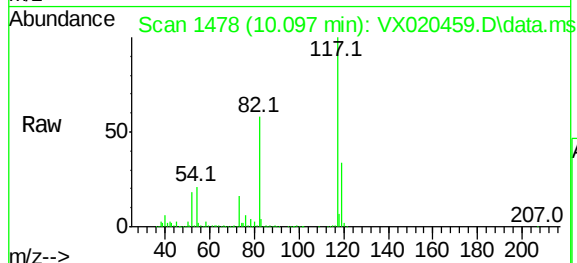




#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.005 min
Lab File: VX020459.D
Acq: 30 Dec 2020 16:31

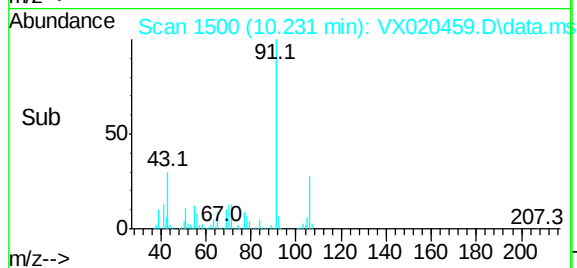
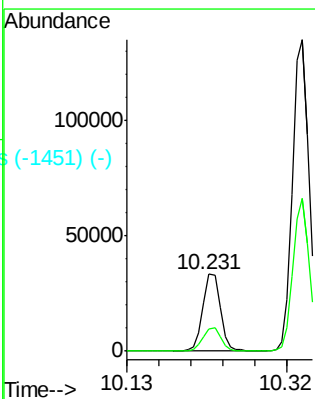
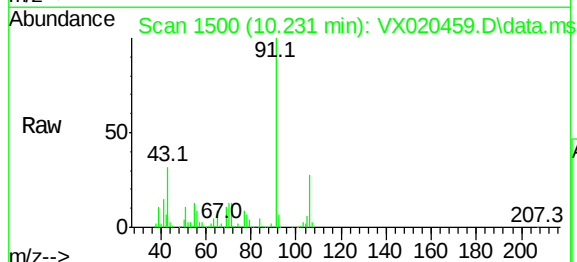
Instrument :
MSVOA_X
ClientSampleId :
31363

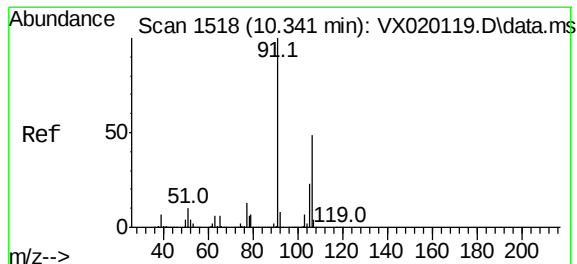
Tgt Ion:	117	Resp:	371267
Ion Ratio	Lower	Upper	
117	100		
82	57.9	47.4	71.2
119	33.6	26.6	39.8



#6293 (-)
Ethyl Benzene
Concen: 3.24 ug/l
RT: 10.231 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VX020459.D
Acq: 30 Dec 2020 16:31

Tgt Ion:	91	Resp:	45148
Ion Ratio	Lower	Upper	
91	100		
106	28.3	24.6	37.0

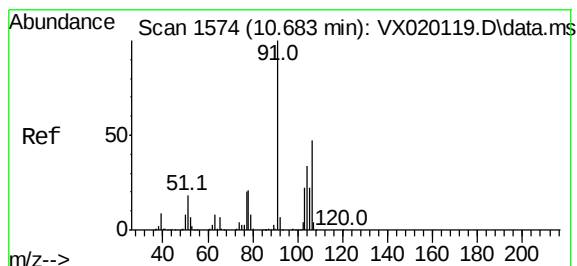
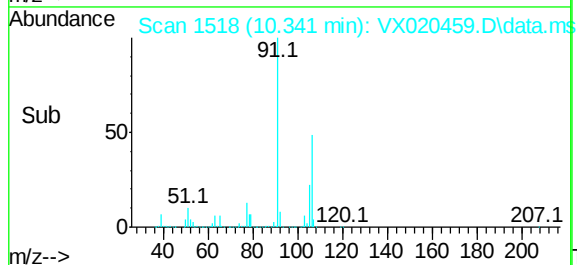
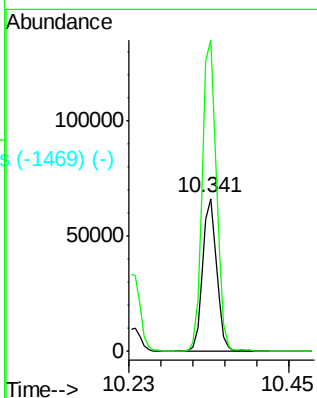
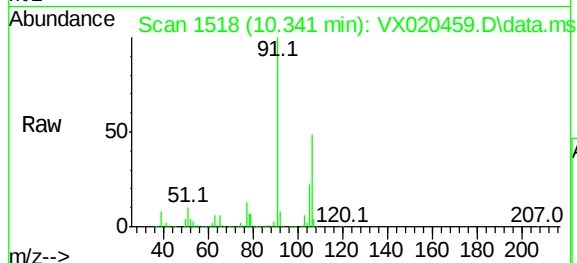




#6911 (-)
m/p-Xylenes
Concen: 17.13 ug/l
RT: 10.341 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VX020459.D
Acq: 30 Dec 2020 16:31

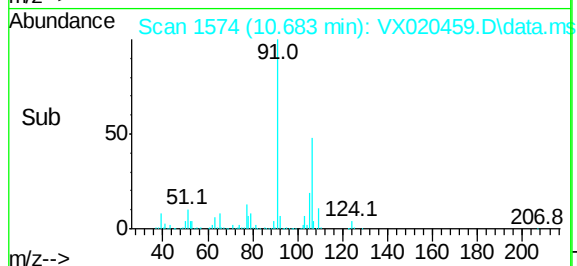
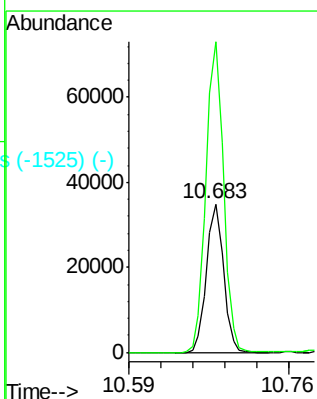
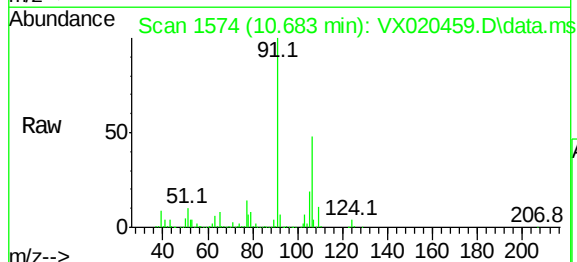
Instrument :
MSVOA_X
ClientSampleId :
31363

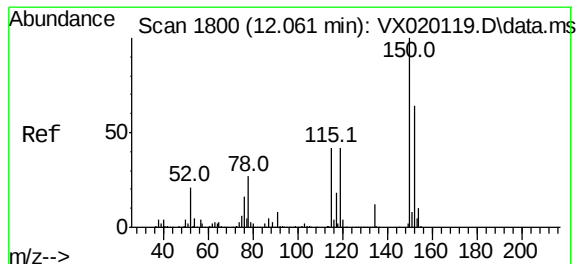
Tgt Ion:106 Resp: 89044
Ion Ratio Lower Upper
106 100
91 208.2 162.8 244.2



#6967 (-)
o-Xylene
Concen: 8.56 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020459.D
Acq: 30 Dec 2020 16:31

Tgt Ion:106 Resp: 42808
Ion Ratio Lower Upper
106 100
91 215.6 108.1 324.2

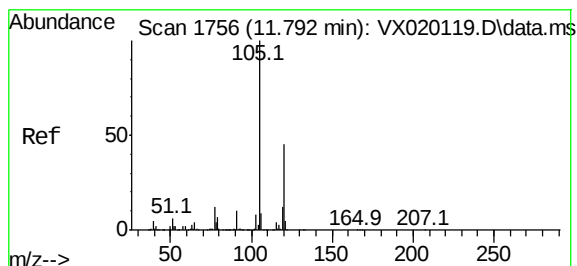
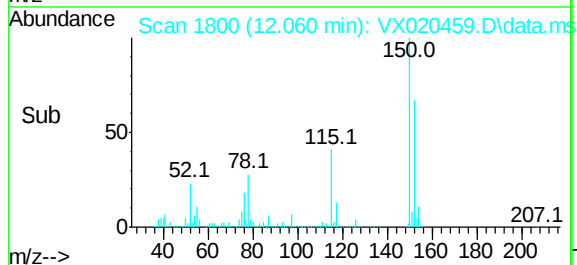
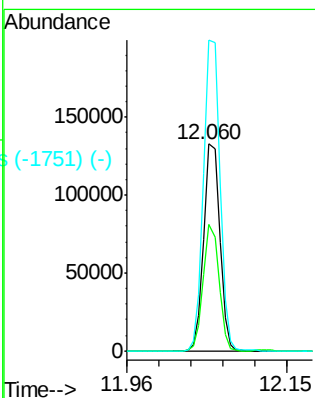
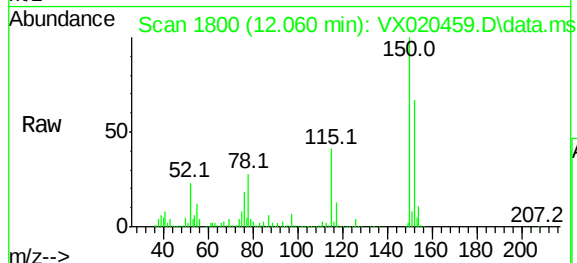




#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.060 min Scan# 1800
 Delta R.T. -0.001 min
 Lab File: VX020459.D
 Acq: 30 Dec 2020 16:31

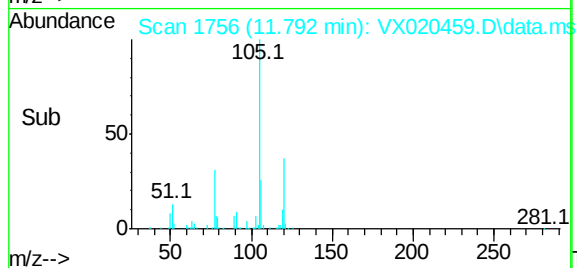
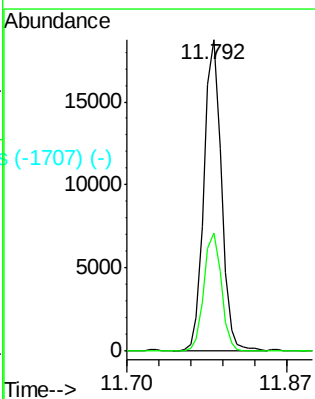
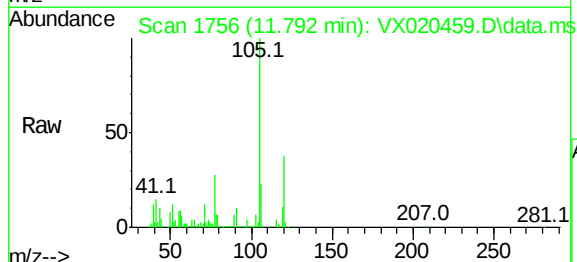
Instrument :
 MSVOA_X
 ClientSampleId :
 31363

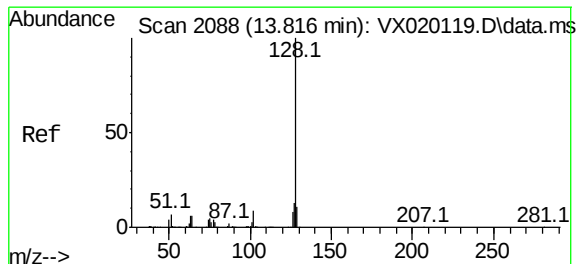
Tgt Ion:	152	Resp:	167240
Ion Ratio	Lower	Upper	
152	100		
115	59.8	41.1	123.3
150	154.0	0.0	349.0



#845 (-)
 1,2,4-Trimethylbenzene
 Concen: 2.25 ug/l
 RT: 11.792 min Scan# 1756
 Delta R.T. 0.000 min
 Lab File: VX020459.D
 Acq: 30 Dec 2020 16:31

Tgt Ion:	105	Resp:	23326
Ion Ratio	Lower	Upper	
105	100		
120	37.6	22.4	67.3





#95 (-)
Naphthalene
Concen: 2.44 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VX020459.D
Acq: 30 Dec 2020 16:31

Instrument :
MSVOA_X
ClientSampleId :
31363

Tgt Ion:	128	Resp:	28169
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.4	8.8	13.2

