

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
 Data File : VX020458.D
 Acq On : 30 Dec 2020 16:07
 Operator : JC/MD
 Sample : L5222-15 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31364

Quant Time: Dec 31 01:08:15 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	5.623	168	246510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	414696	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	389715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	176121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.032	65	160698	48.63	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.26%
35) Dibromofluoromethane	5.465	113	134448	50.68	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.36%
50) Toluene-d8	8.696	98	502672	49.23	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.46%
62) 4-Bromofluorobenzene	11.122	95	184162	47.12	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.24%

Target Compounds

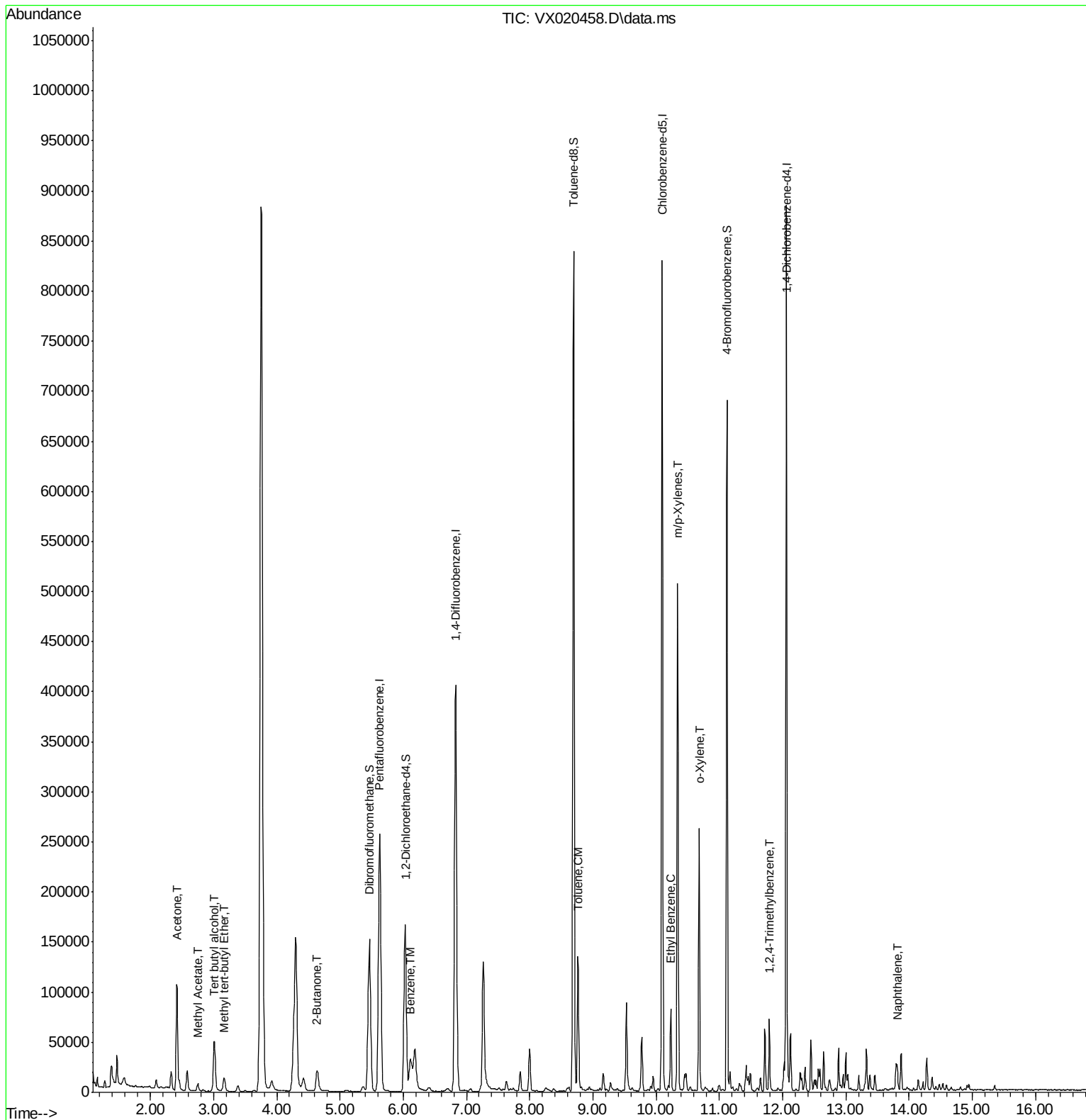
						Qvalue
11) Tert butyl alcohol	3.014	59	24730	33.42	ug/l	96
16) Acetone	2.416	43	110378	73.25	ug/l	97
18) Methyl Acetate	2.752	43	9430	2.81	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	14880	1.58	ug/l	95
25) 2-Butanone	4.635	43	33976	15.49	ug/l	100
40) Benzene	6.111	78	35933	2.82	ug/l	99
52) Toluene	8.763	92	50997	6.55	ug/l	98
67) Ethyl Benzene	10.232	91	47484	3.25	ug/l	98
68) m/p-Xylenes	10.342	106	117927	21.61	ug/l	98
69) o-Xylene	10.683	106	57756	11.00	ug/l	98
84) 1,2,4-Trimethylbenzene	11.793	105	31707	2.90	ug/l	98
95) Naphthalene	13.817	128	14368	1.18	ug/l	99

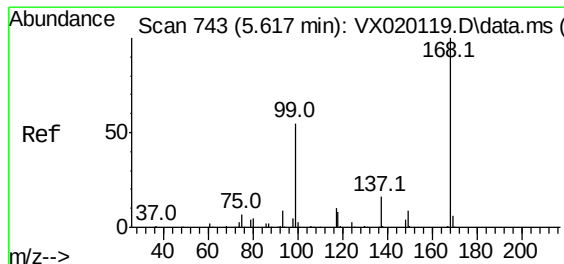
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX123020\
Data File : VX020458.D
Acq On : 30 Dec 2020 16:07
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Sample : L5222-15 50X
Misc : 5.0mL/MSVOA_X/WATER
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Quant Time: Dec 31 01:08:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
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Response via : Initial Calibration

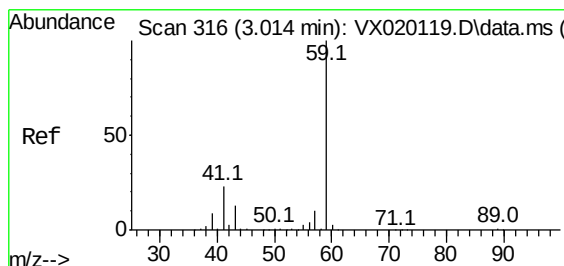
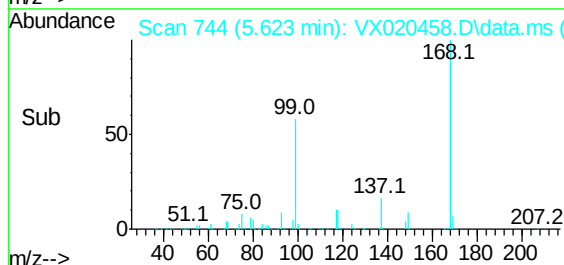
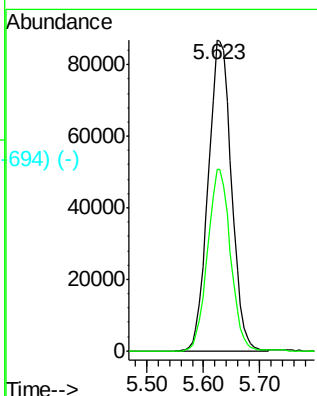
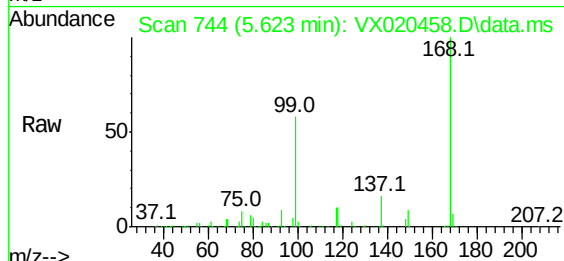




Pentafuorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

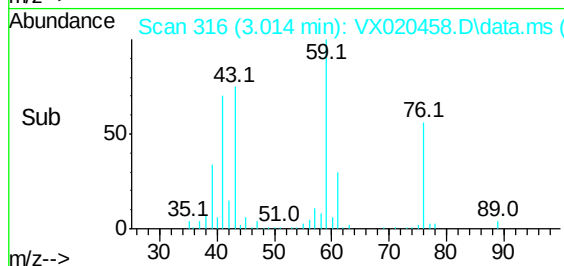
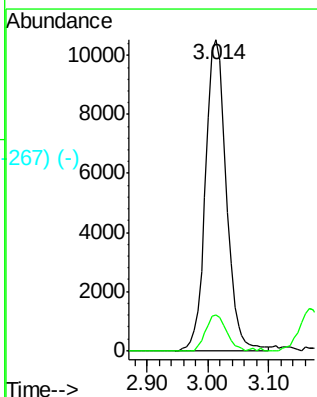
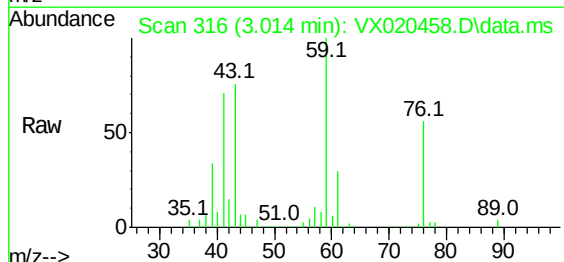
Instrument :
MSVOA_X
ClientSampleId :
31364

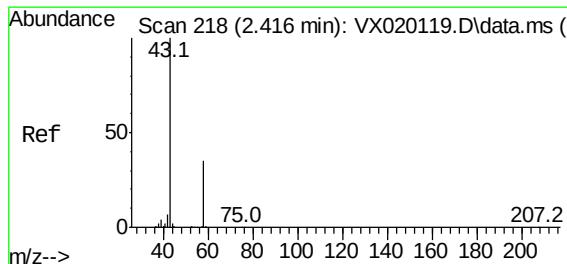
Tgt Ion:168 Resp: 246510
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



Tert butyl alcohol
Concen: 33.42 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

Tgt Ion: 59 Resp: 24730
Ion Ratio Lower Upper
59 100
57 11.2 7.8 11.8

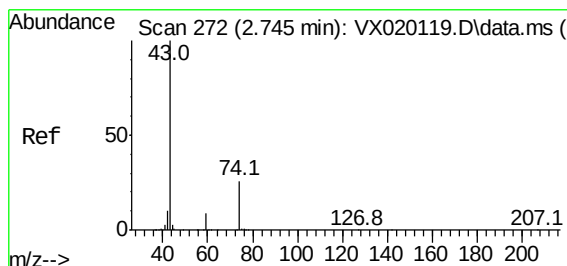
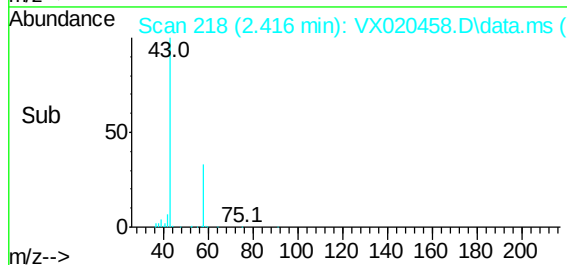
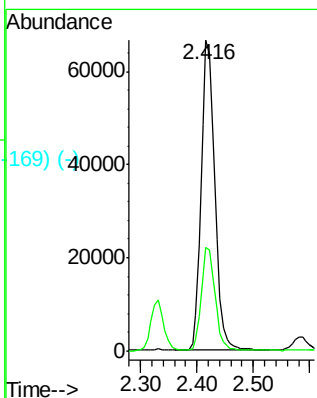
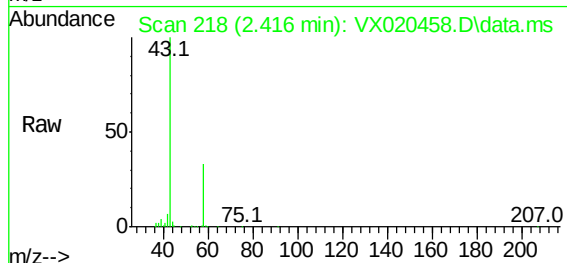




Acetone
Concen: 73.25 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

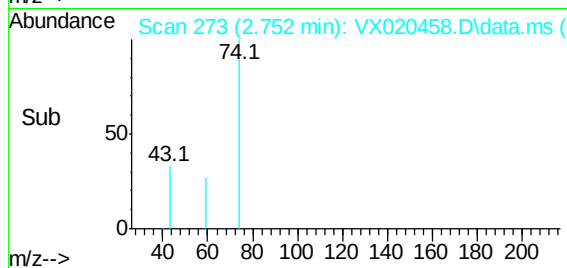
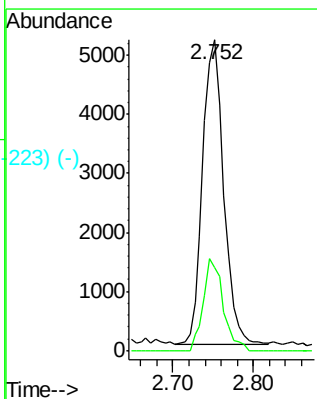
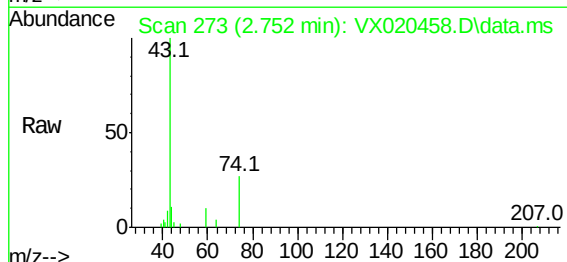
Instrument :
MSVOA_X
ClientSampleId :
31364

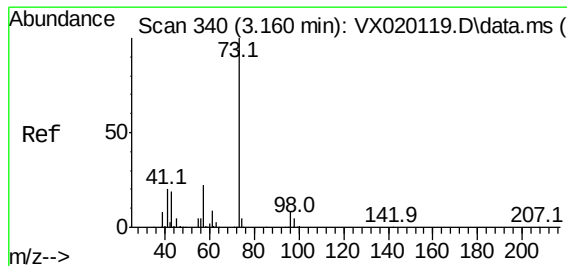
Tgt Ion: 43 Resp: 110378
Ion Ratio Lower Upper
43 100
58 33.1 27.8 41.8



Methyl Acetate
Concen: 2.81 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

Tgt Ion: 43 Resp: 9430
Ion Ratio Lower Upper
43 100
74 28.2 21.9 32.9

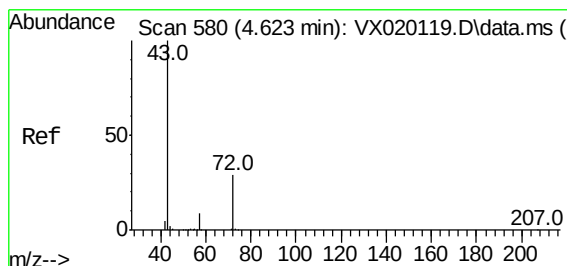
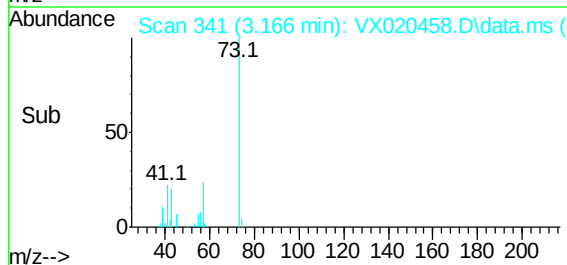
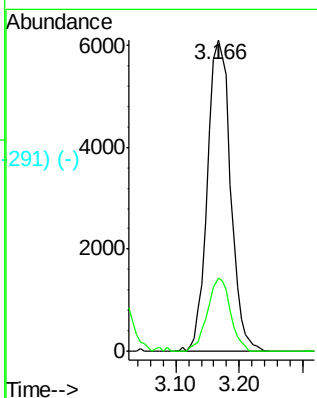
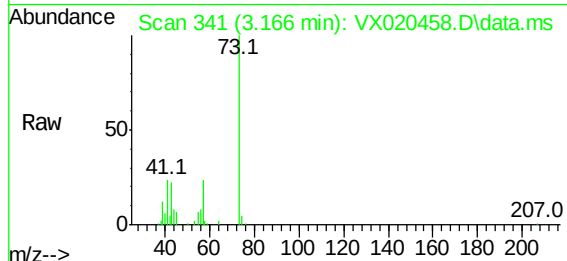




Methyl tert-butyl Ether
 Concen: 1.58 ug/l
 RT: 3.166 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VX020458.D
 Acq: 30 Dec 2020 16:07

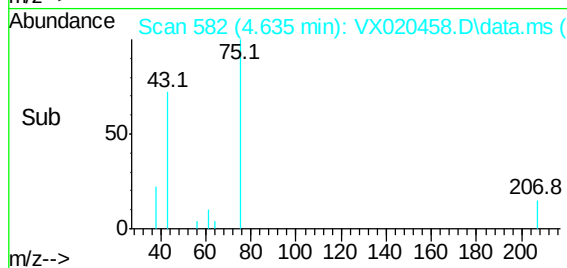
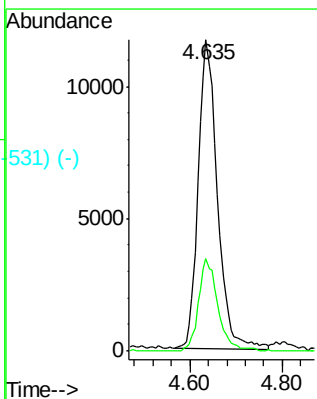
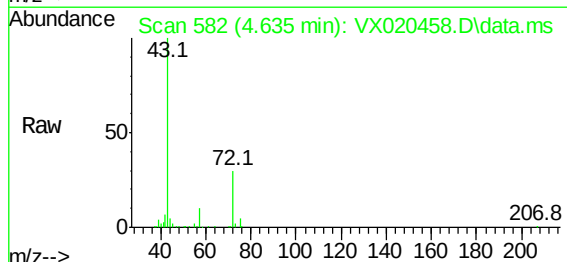
Instrument :
 MSVOA_X
 ClientSampleId :
 31364

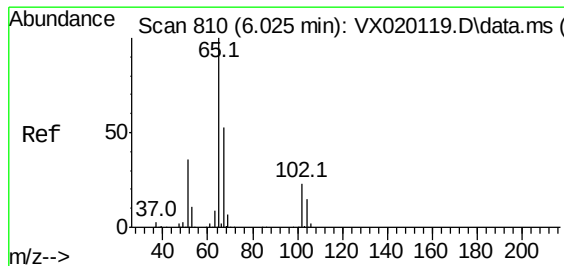
Tgt Ion: 73 Resp: 14880
 Ion Ratio Lower Upper
 73 100
 57 23.6 17.1 25.7



2-Butanone
 Concen: 15.49 ug/l
 RT: 4.635 min Scan# 582
 Delta R.T. 0.012 min
 Lab File: VX020458.D
 Acq: 30 Dec 2020 16:07

Tgt Ion: 43 Resp: 33976
 Ion Ratio Lower Upper
 43 100
 72 29.9 23.7 35.5



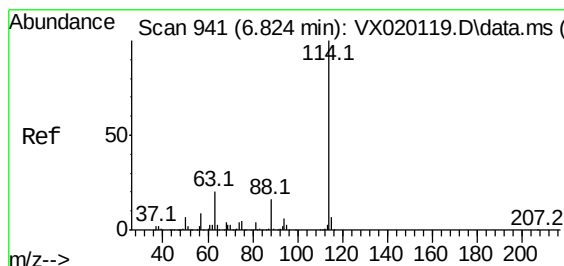
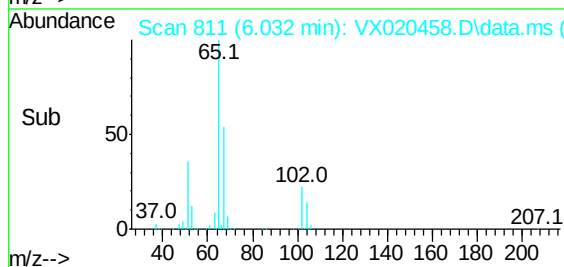
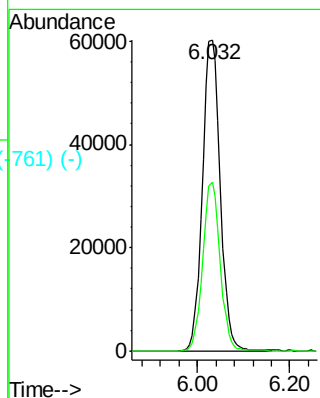
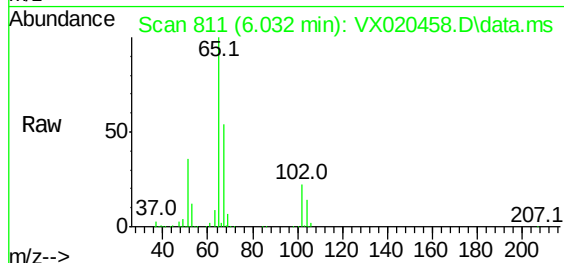


1,2-Dichloroethane-d4
 Concen: 48.63 ug/l
 RT: 6.032 min Scan# 811
 Delta R.T. 0.007 min
 Lab File: VX020458.D
 Acq: 30 Dec 2020 16:07

Instrument :
 MSVOA_X
 ClientSampleId :
 31364

Tgt Ion: 65 Resp: 160698

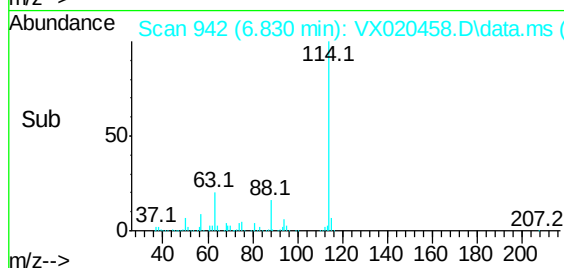
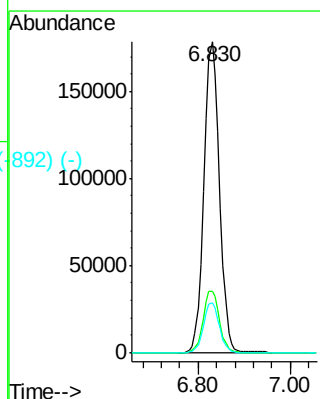
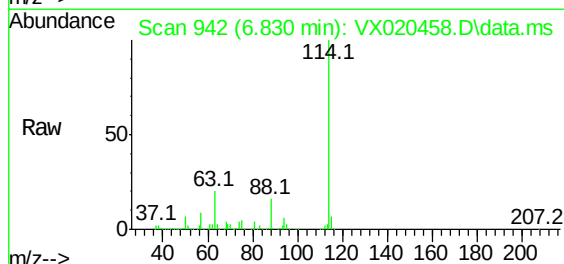
Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.4

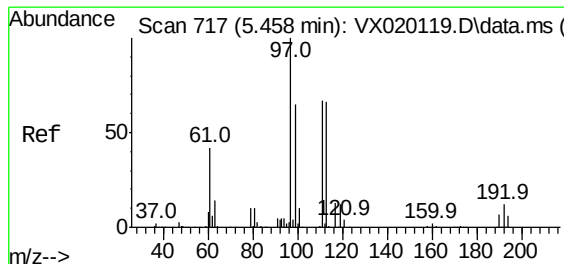


1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020458.D
 Acq: 30 Dec 2020 16:07

Tgt Ion: 114 Resp: 414696

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	40.8
88	16.1	0.0	32.8

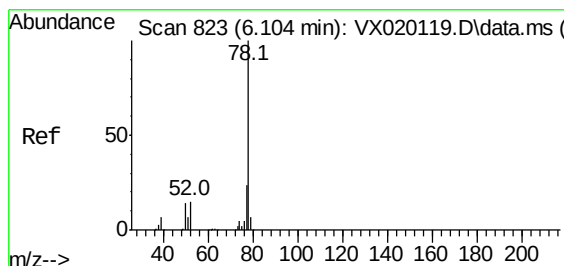
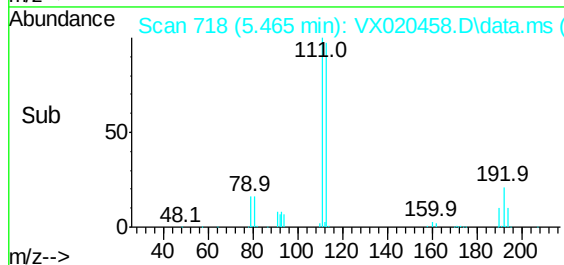
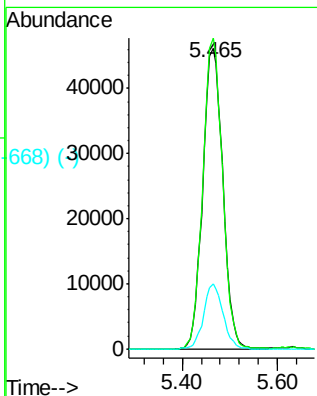
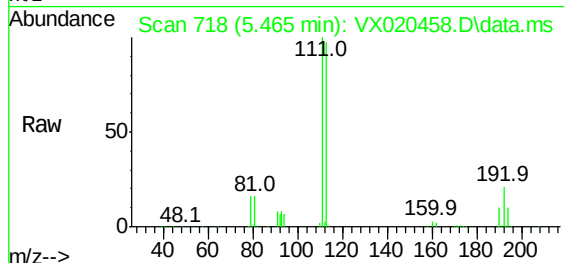




Dibromofluoromethane
Concen: 50.68 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

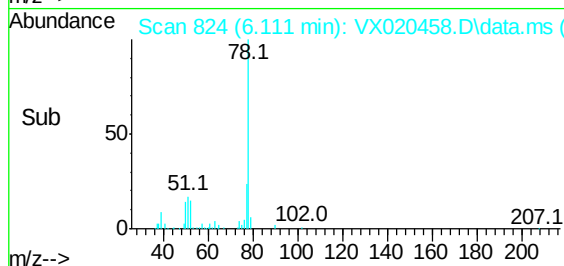
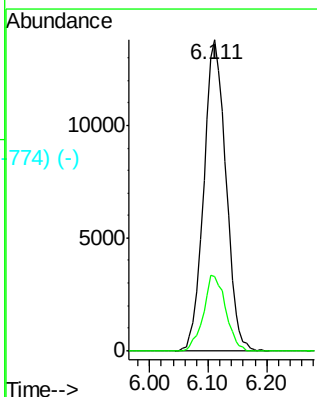
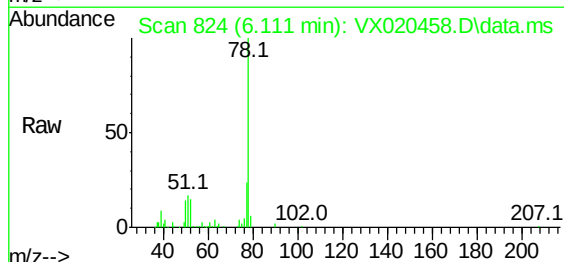
Instrument :
MSVOA_X
ClientSampleId :
31364

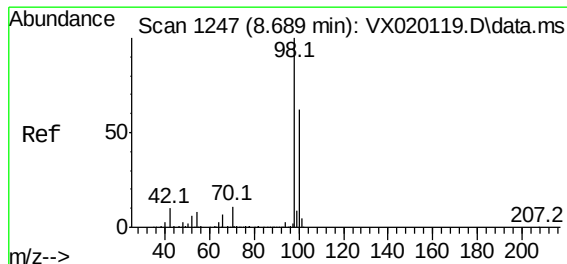
Tgt Ion:113 Resp: 134448
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 20.6 16.7 25.1



Benzene
Concen: 2.82 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

Tgt Ion: 78 Resp: 35933
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

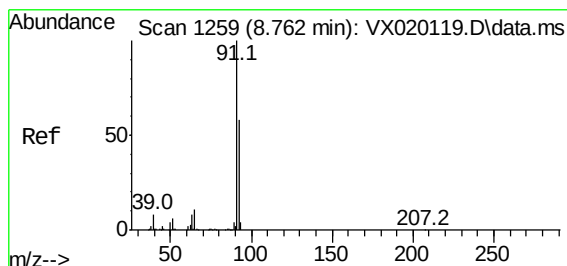
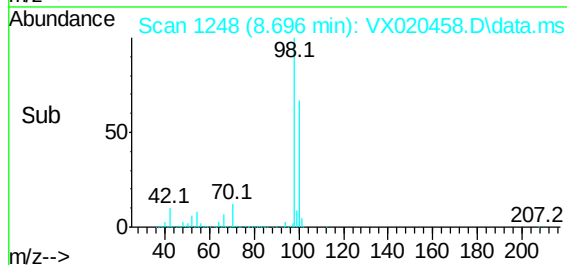
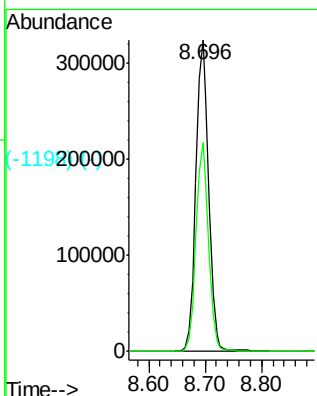
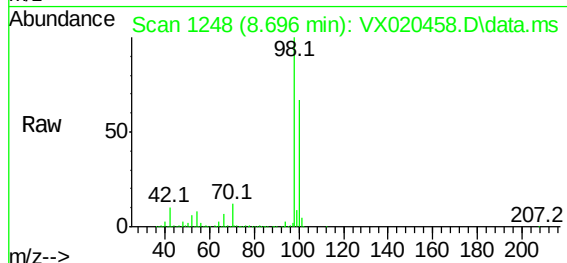




#1247 (-)
Toluene-d8
Concen: 49.23 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

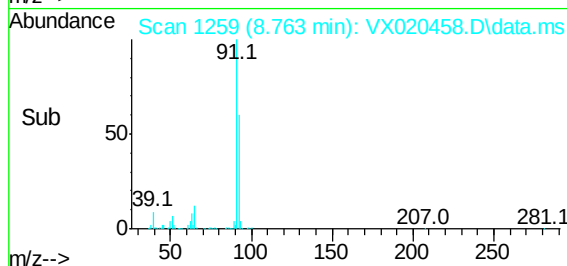
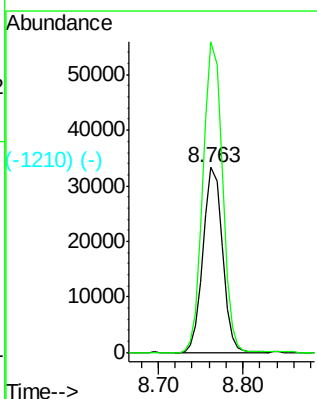
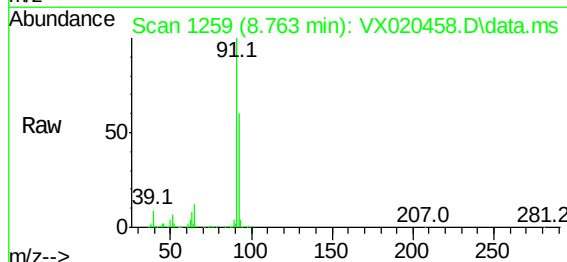
Instrument :
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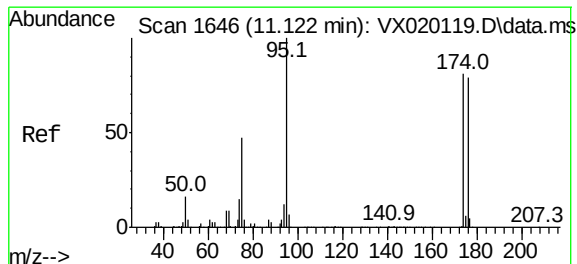
Tgt Ion: 98 Resp: 502672
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#1259 (-)
Toluene
Concen: 6.55 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

Tgt Ion: 92 Resp: 50997
Ion Ratio Lower Upper
92 100
91 168.7 137.1 205.7

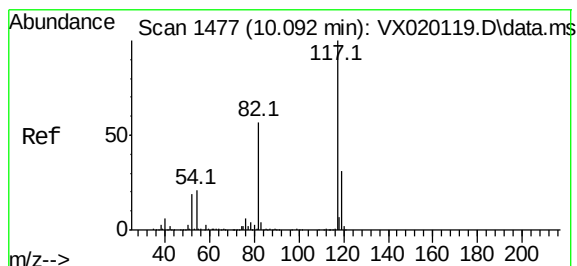
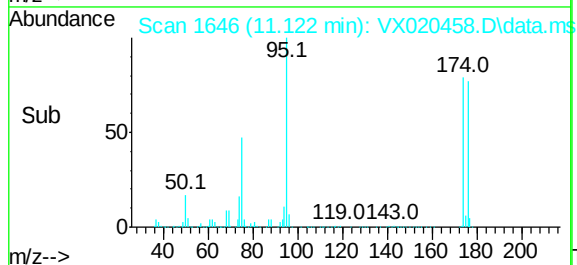
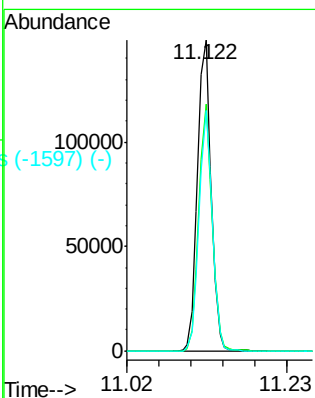
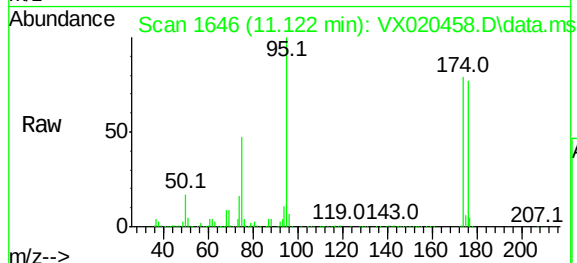




#639 (-)
4-Bromofluorobenzene
Concen: 47.12 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

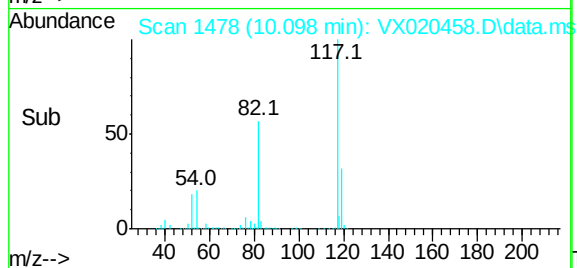
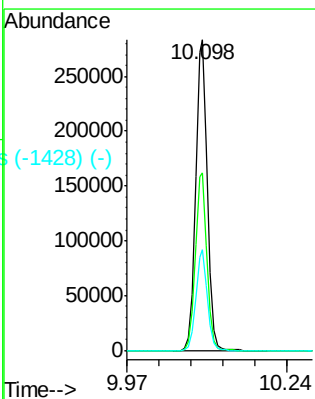
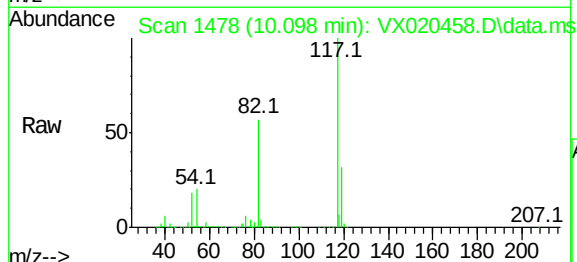
Instrument :
MSVOA_X
ClientSampleId :
31364

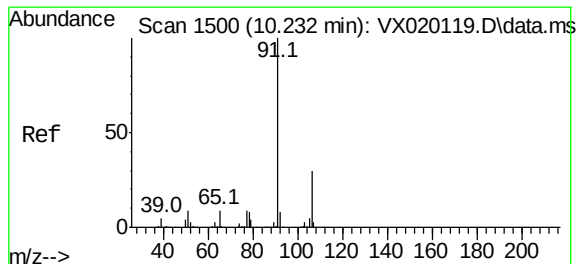
Tgt Ion:	95	Resp:	184162
Ion Ratio	Lower	Upper	
95	100		
174	77.7	0.0	154.6
176	75.4	0.0	155.8



#640 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

Tgt Ion:	117	Resp:	389715
Ion Ratio	Lower	Upper	
117	100		
82	57.1	47.4	71.2
119	32.3	26.6	39.8

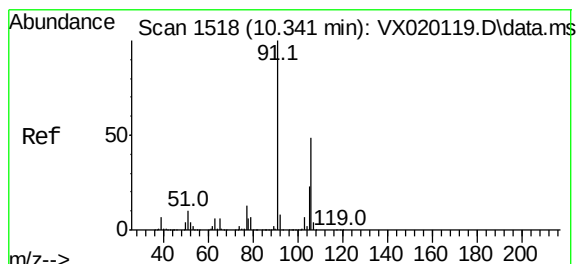
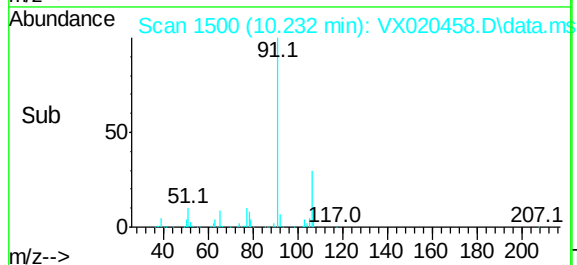
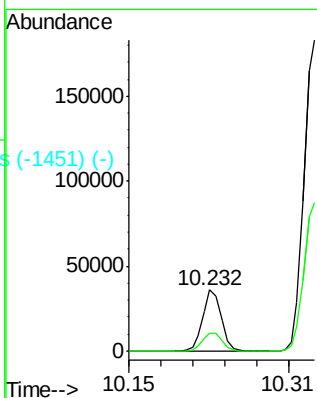
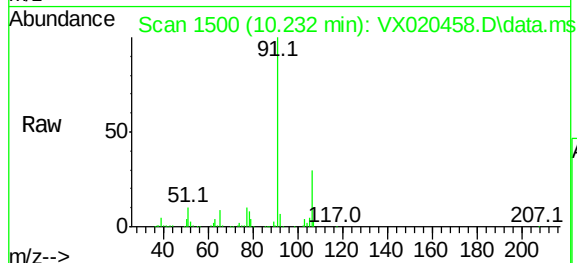




#6793 (-)
Ethyl Benzene
Concen: 3.25 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

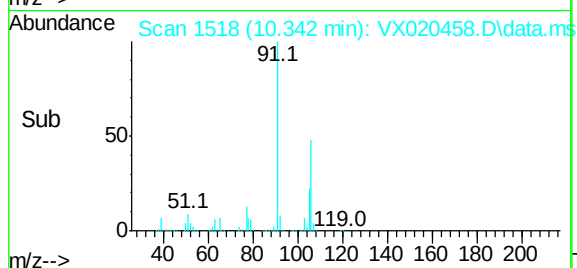
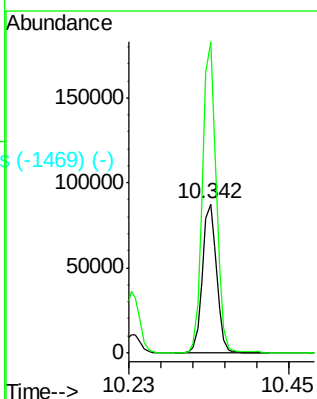
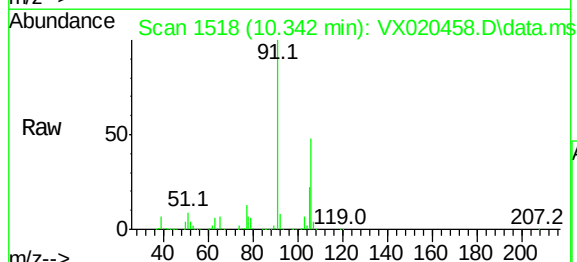
Instrument :
MSVOA_X
ClientSampleId :
31364

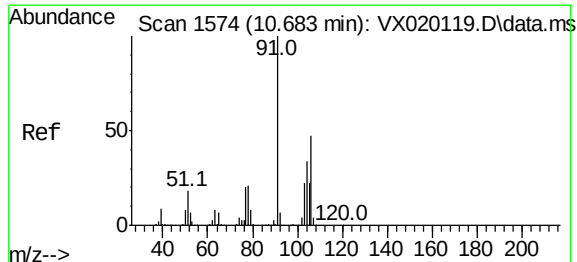
Tgt Ion: 91 Resp: 47484
Ion Ratio Lower Upper
91 100
106 29.6 24.6 37.0



#6811 (-)
m/p-Xylenes
Concen: 21.61 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

Tgt Ion:106 Resp: 117927
Ion Ratio Lower Upper
106 100
91 205.9 162.8 244.2

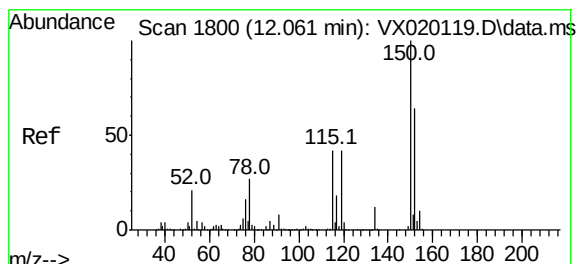
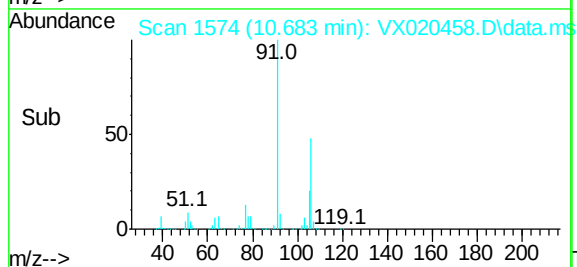
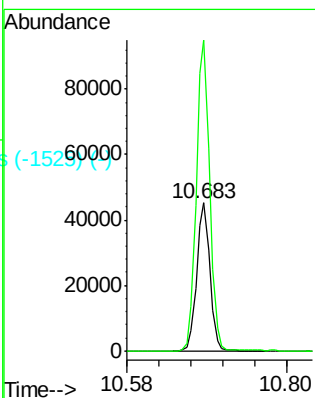
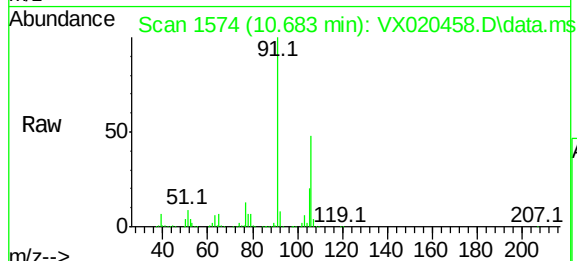




#697 (-)
o-Xylene
Concen: 11.00 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

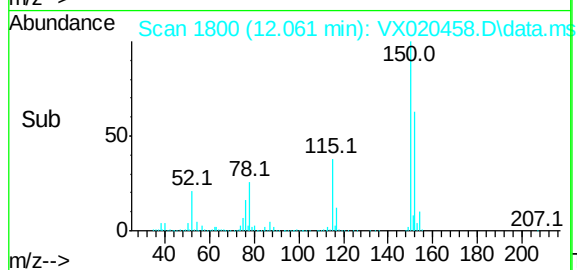
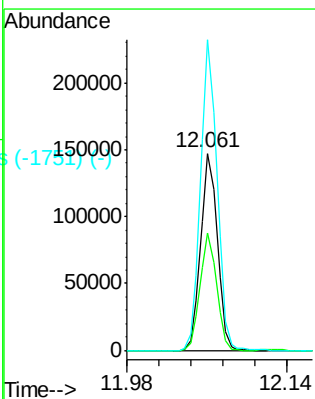
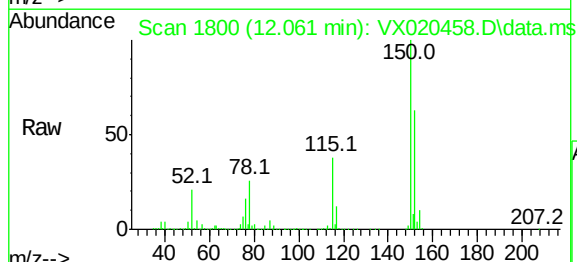
Instrument :
MSVOA_X
ClientSampleId :
31364

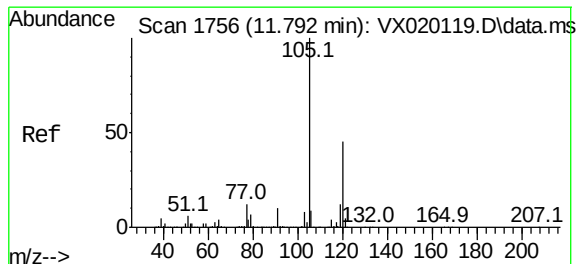
Tgt Ion:106 Resp: 57756
Ion Ratio Lower Upper
106 100
91 213.7 108.1 324.2



#1794 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

Tgt Ion:152 Resp: 176121
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 157.0 0.0 349.0

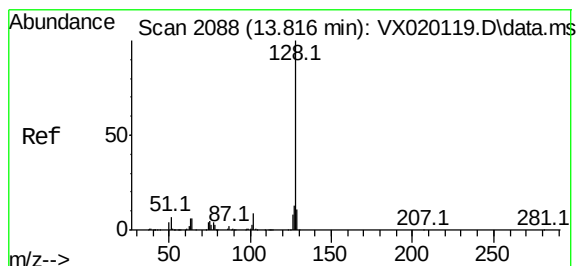
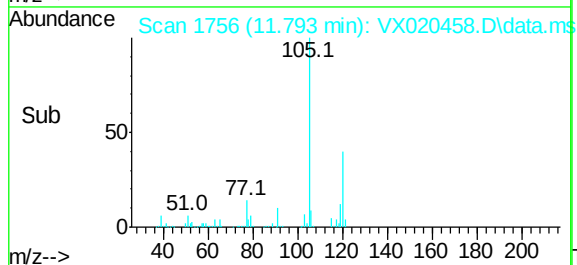
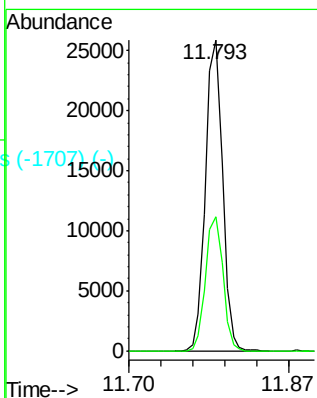
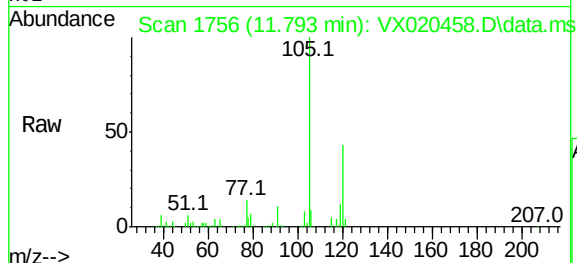




#845 (-)
1,2,4-Trimethylbenzene
Concen: 2.90 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. 0.001 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

Instrument :
MSVOA_X
ClientSampleId :
31364

Tgt Ion:105 Resp: 31707
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.3



#950 (-)
Naphthalene
Concen: 1.18 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VX020458.D
Acq: 30 Dec 2020 16:07

Tgt Ion:128 Resp: 14368
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.7 8.8 13.2

