

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
 Data File : VX020460.D
 Acq On : 30 Dec 2020 16:54
 Operator : JC/MD
 Sample : L5222-19 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31362

Quant Time: Dec 31 01:08:58 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)

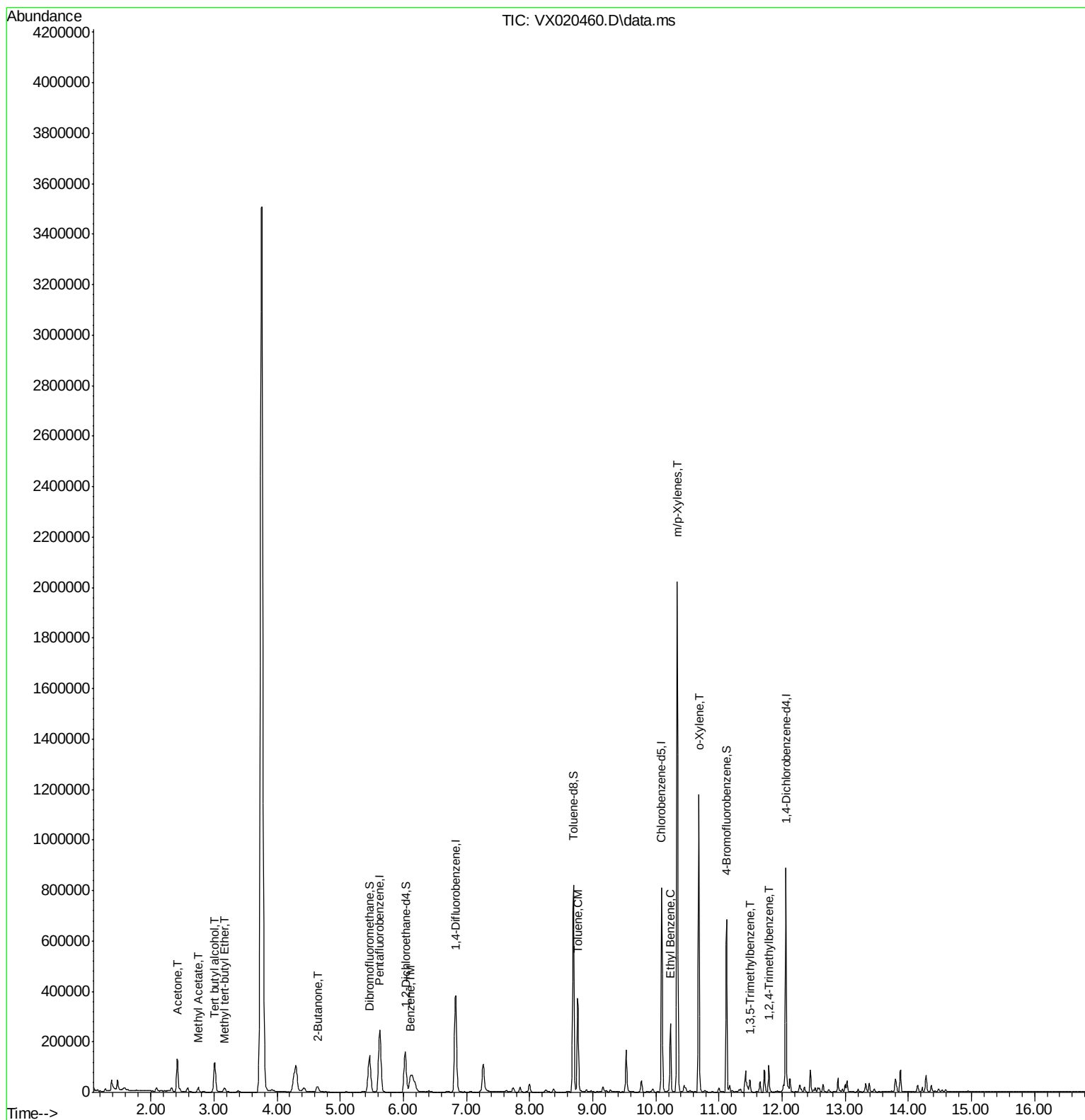
Internal Standards						
1) Pentafluorobenzene	5.629	168	234227	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	398452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	379959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	177844	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	153805	48.99	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.98%		
35) Dibromofluoromethane	5.464	113	127004	49.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.66%		
50) Toluene-d8	8.696	98	482347	49.16	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.32%		
62) 4-Bromofluorobenzene	11.122	95	181951	48.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.90%		
Target Compounds						
11) Tert butyl alcohol	3.014	59	32356	46.02	ug/l	# 90
16) Acetone	2.416	43	132336	92.43	ug/l	98
18) Methyl Acetate	2.752	43	23690	7.42	ug/l	97
19) Methyl tert-butyl Ether	3.172	73	16710	1.87	ug/l	99
25) 2-Butanone	4.641	43	33726	16.19	ug/l	99
40) Benzene	6.111	78	65917	5.38	ug/l	100
52) Toluene	8.763	92	142608	19.06	ug/l	100
67) Ethyl Benzene	10.232	91	156030	10.95	ug/l	100
68) m/p-Xylenes	10.342	106	477597	89.78	ug/l	100
69) o-Xylene	10.683	106	248921	48.62	ug/l	97
80) 1,3,5-Trimethylbenzene	11.488	105	21414	1.97	ug/l	100
84) 1,2,4-Trimethylbenzene	11.793	105	48482	4.39	ug/l	100

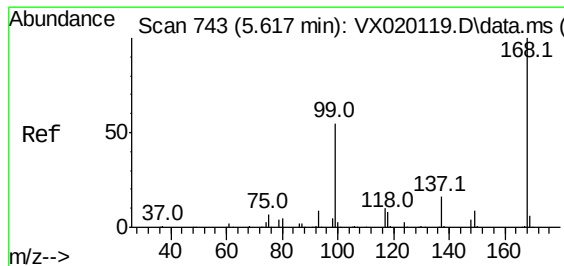
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
Data File : VX020460.D
Acq On : 30 Dec 2020 16:54
Operator : JC/MD
Sample : L5222-19 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
31362

Quant Time: Dec 31 01:08:58 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

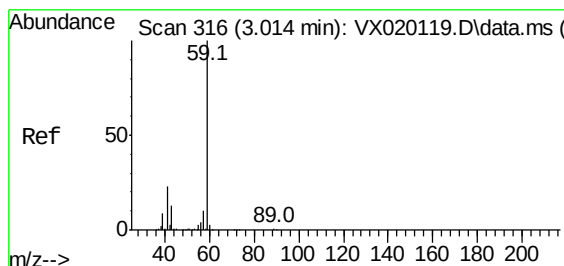
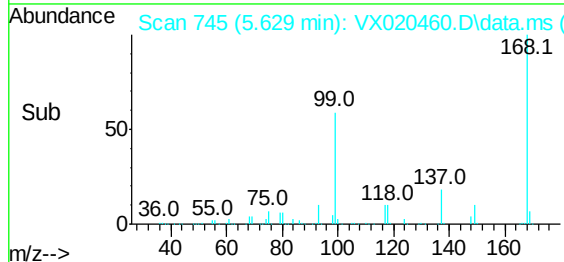
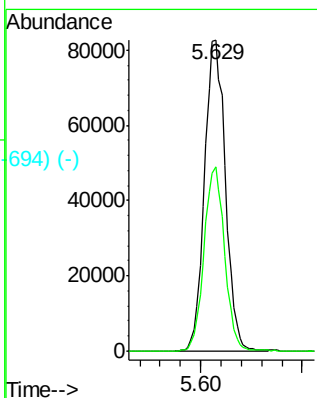
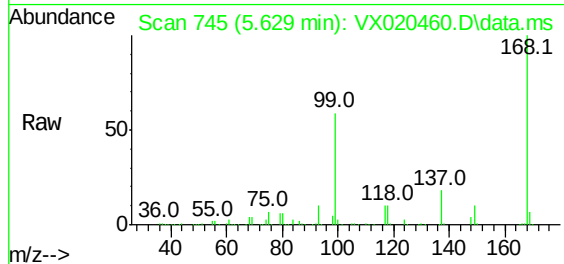




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020460.D
 Acq: 30 Dec 2020 16:54

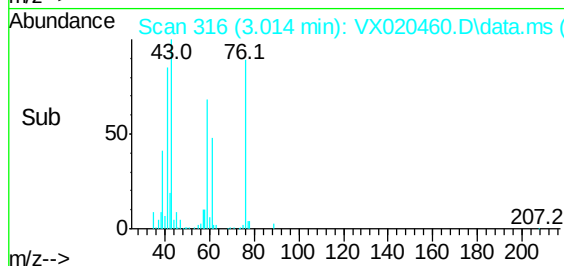
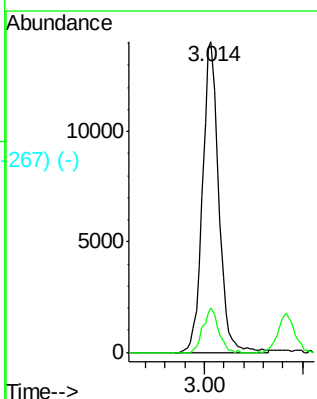
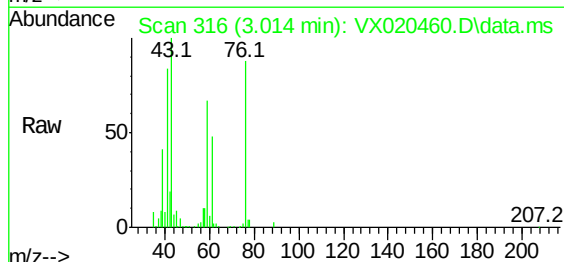
Instrument :
 MSVOA_X
 ClientSampleId :
 31362

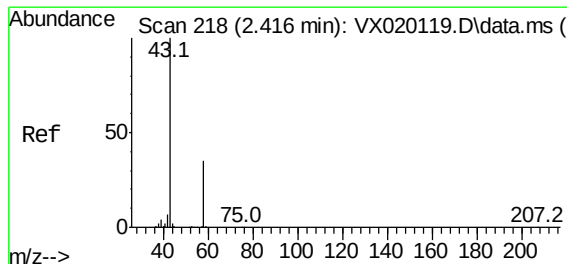
Tgt Ion:168 Resp: 234227
 Ion Ratio Lower Upper
 168 100
 99 59.3 45.8 68.6



Tert butyl alcohol
 Concen: 46.02 ug/l
 RT: 3.014 min Scan# 316
 Delta R.T. -0.000 min
 Lab File: VX020460.D
 Acq: 30 Dec 2020 16:54

Tgt Ion: 59 Resp: 32356
 Ion Ratio Lower Upper
 59 100
 57 13.5 7.8 11.8#

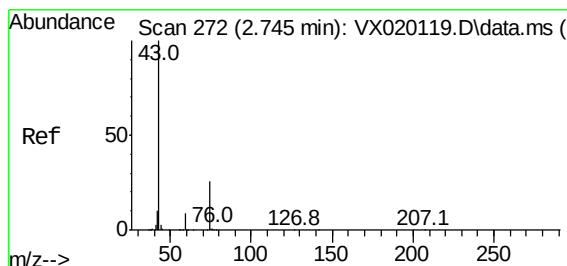
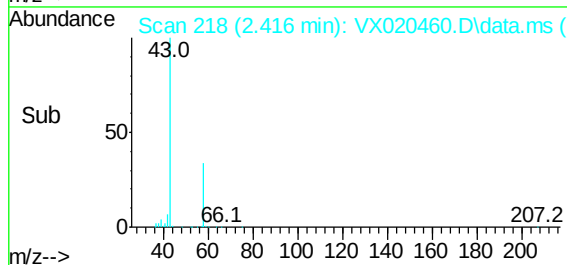
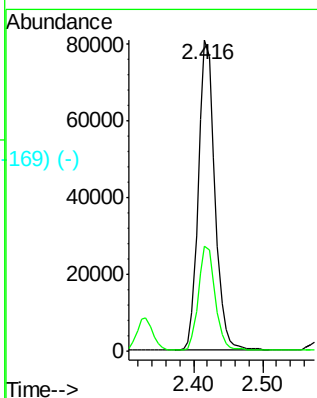
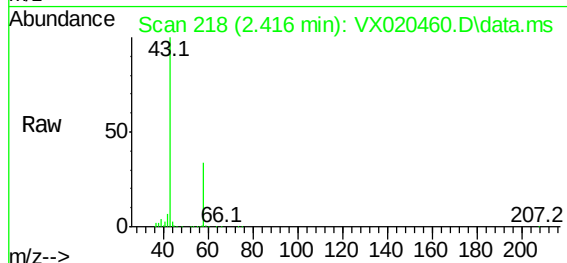




Acetone
Concen: 92.43 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020460.D
Acq: 30 Dec 2020 16:54

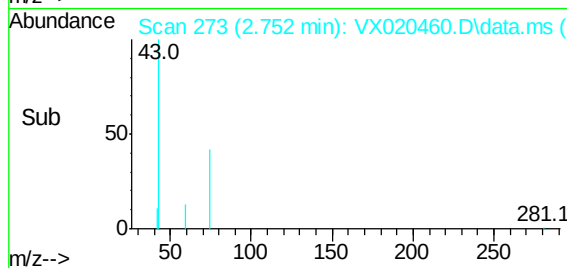
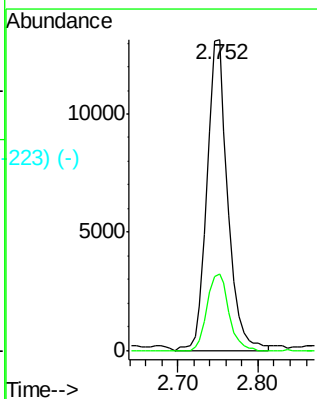
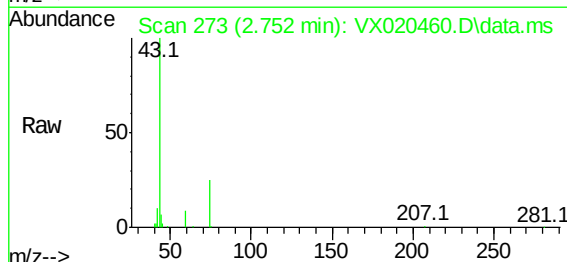
Instrument :
MSVOA_X
ClientSampleId :
31362

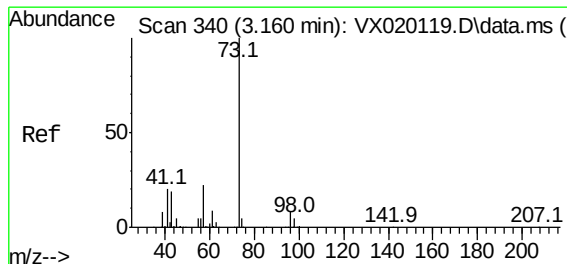
Tgt Ion: 43 Resp: 132336
Ion Ratio Lower Upper
43 100
58 33.7 27.8 41.8



Methyl Acetate
Concen: 7.42 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.007 min
Lab File: VX020460.D
Acq: 30 Dec 2020 16:54

Tgt Ion: 43 Resp: 23690
Ion Ratio Lower Upper
43 100
74 25.7 21.9 32.9

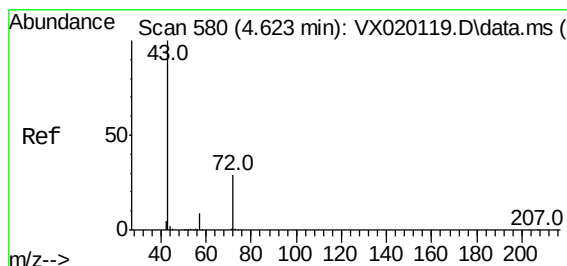
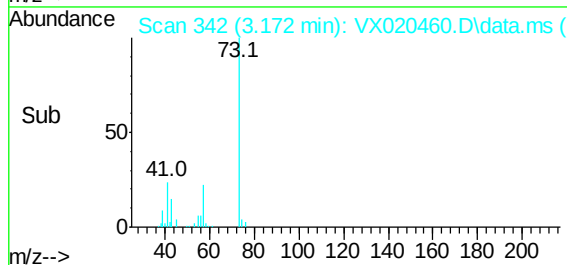
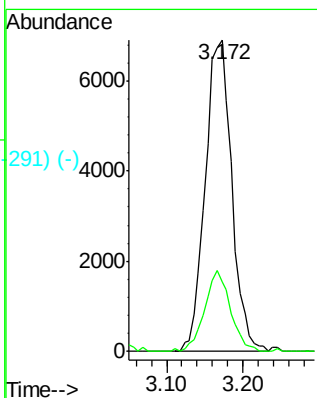
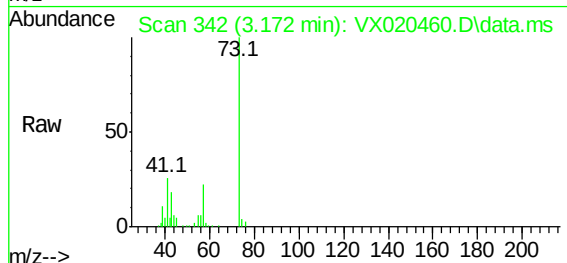




#39 (-)
Methyl tert-butyl Ether
Concen: 1.87 ug/l
RT: 3.172 min Scan# 342
Delta R.T. 0.012 min
Lab File: VX020460.D
Acq: 30 Dec 2020 16:54

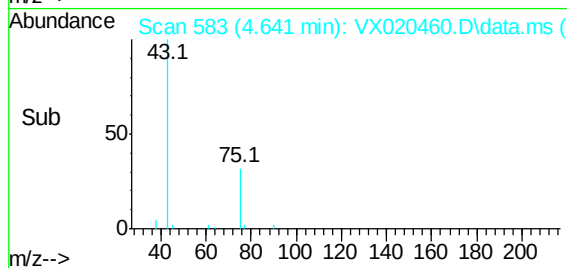
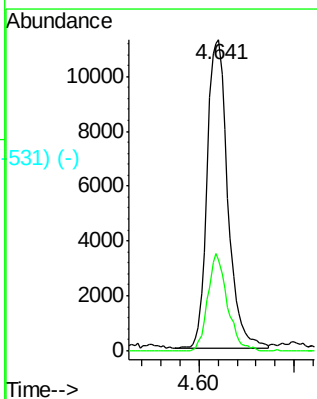
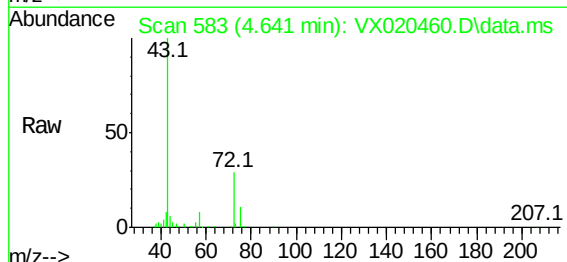
Instrument :
MSVOA_X
ClientSampleId :
31362

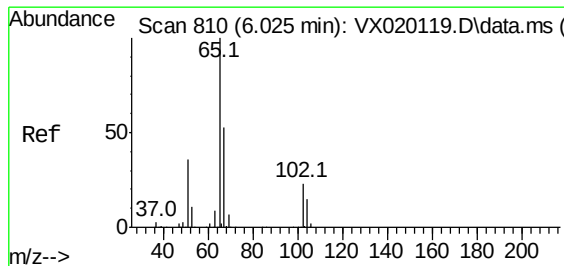
Tgt Ion: 73 Resp: 16710
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7



#35 (-)
2-Butanone
Concen: 16.19 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020460.D
Acq: 30 Dec 2020 16:54

Tgt Ion: 43 Resp: 33726
Ion Ratio Lower Upper
43 100
72 29.3 23.7 35.5

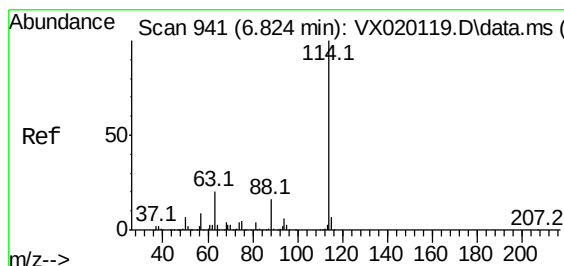
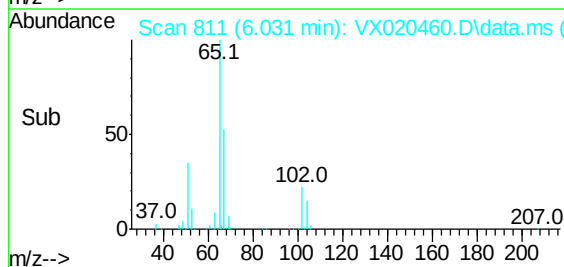
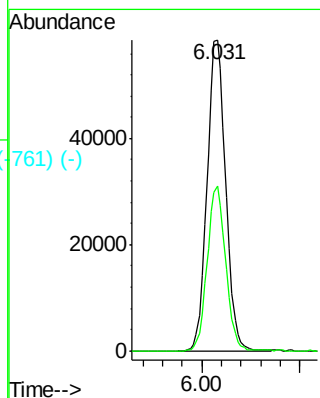
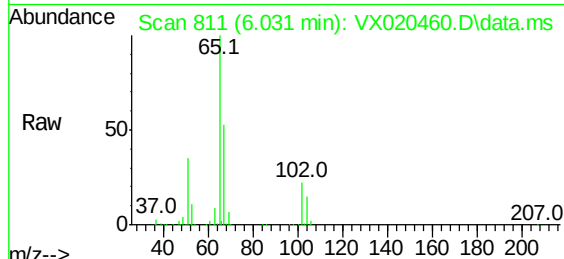




1,2-Dichloroethane-d4
 Concen: 48.99 ug/l
 RT: 6.031 min Scan# 811
 Delta R.T. 0.006 min
 Lab File: VX020460.D
 Acq: 30 Dec 2020 16:54

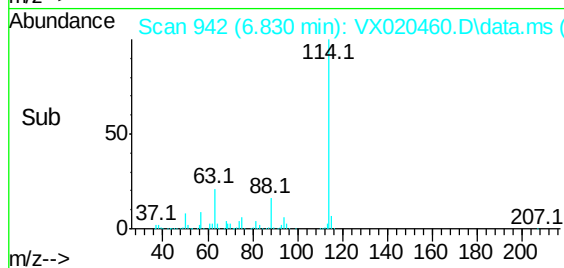
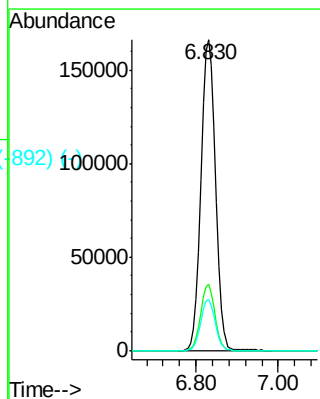
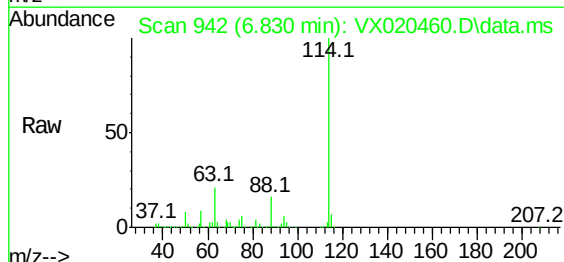
Instrument :
 MSVOA_X
 ClientSampleId :
 31362

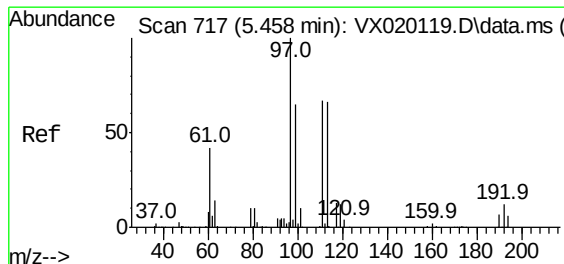
Tgt Ion: 65 Resp: 153805
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.4



1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020460.D
 Acq: 30 Dec 2020 16:54

Tgt Ion: 114 Resp: 398452
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 40.8
 88 16.3 0.0 32.8

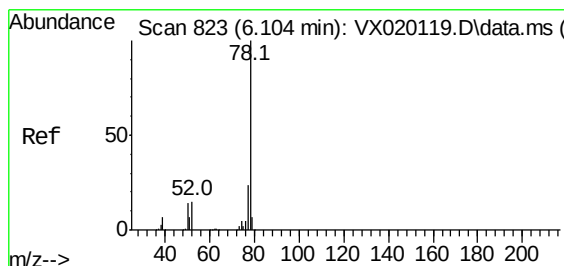
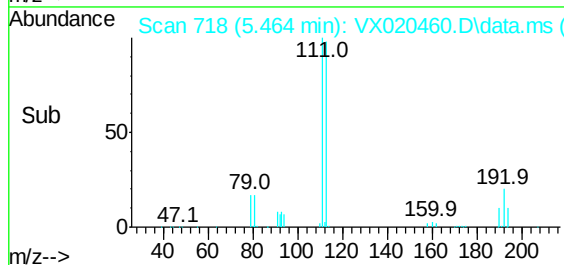
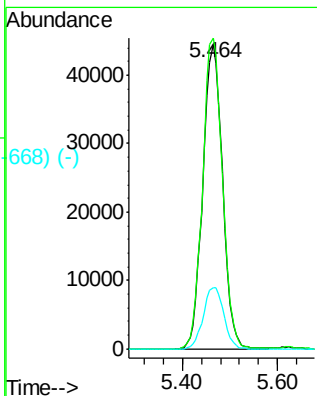
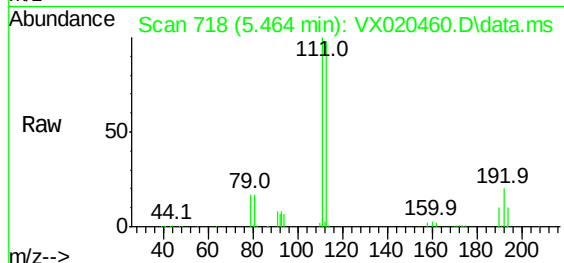




Dibromofluoromethane
Concen: 49.83 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020460.D
Acq: 30 Dec 2020 16:54

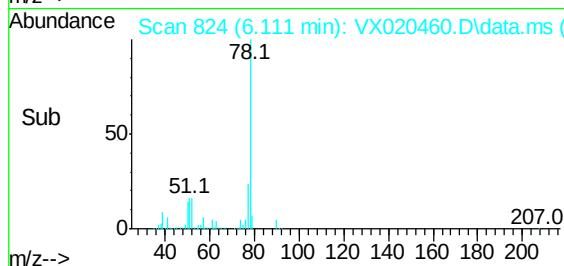
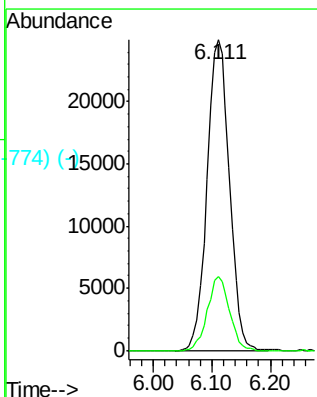
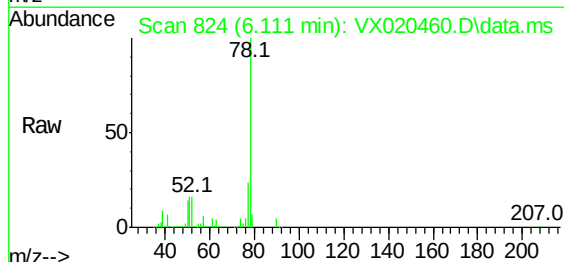
Instrument :
MSVOA_X
ClientSampleId :
31362

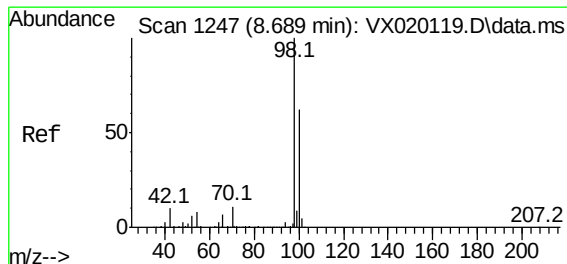
Tgt Ion:113 Resp: 127004
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 20.8 16.7 25.1



Benzene
Concen: 5.38 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020460.D
Acq: 30 Dec 2020 16:54

Tgt Ion: 78 Resp: 65917
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

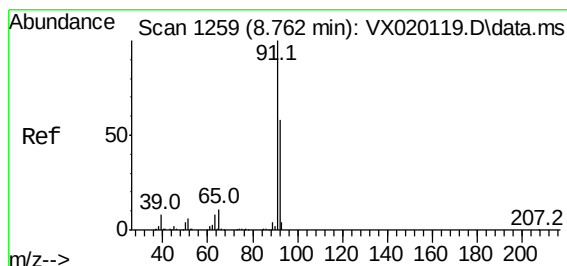
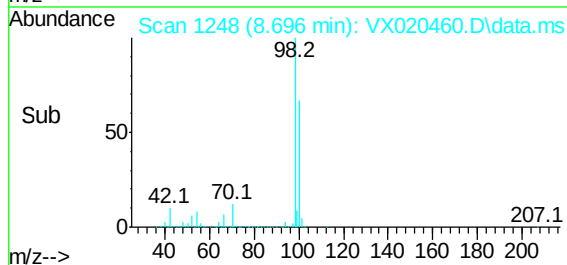
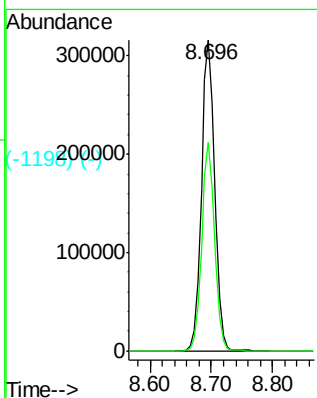
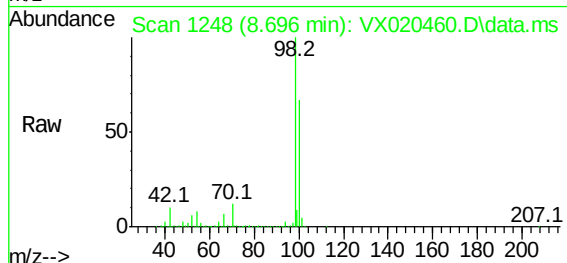




To Luene-d8
Concen: 49.16 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020460.D
Acq: 30 Dec 2020 16:54

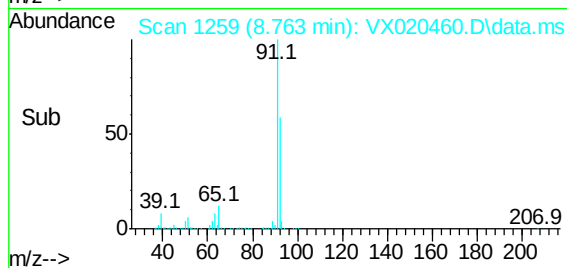
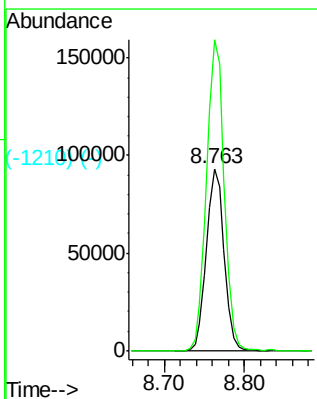
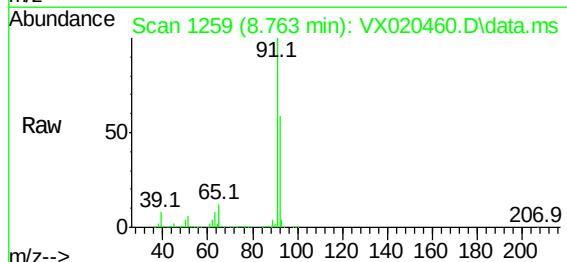
Instrument :
MSVOA_X
ClientSampleId :
31362

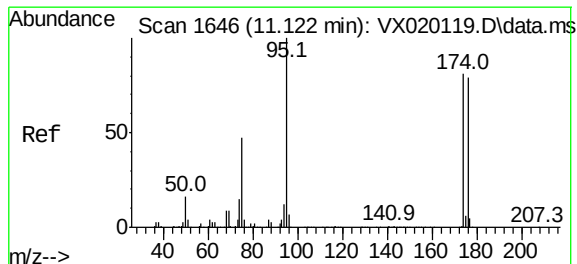
Tgt Ion: 98 Resp: 482347
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



To Luene
Concen: 19.06 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020460.D
Acq: 30 Dec 2020 16:54

Tgt Ion: 92 Resp: 142608
Ion Ratio Lower Upper
92 100
91 171.5 137.1 205.7



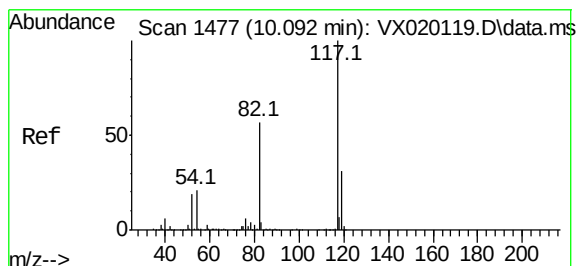
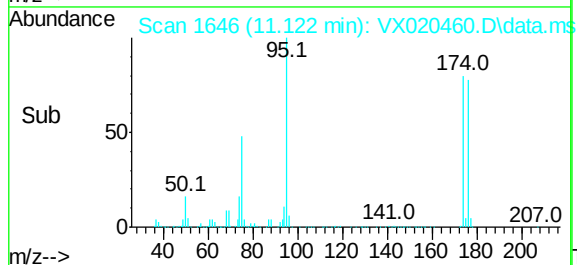
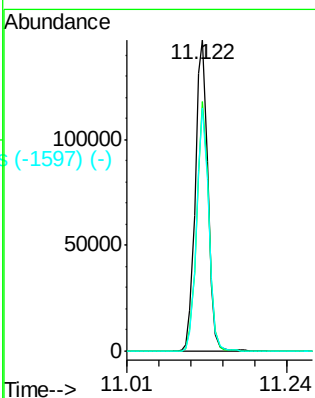
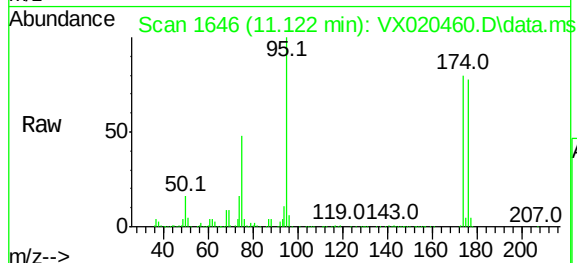


Scan 1646 (11.122 min): VX020119.D\data.ms
 #639 (-)
 4-Bromofluorobenzene
 Concen: 48.45 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.000 min
 Lab File: VX020460.D
 Acq: 30 Dec 2020 16:54

Instrument :
 MSVOA_X
 ClientSampleId :
 31362

Tgt Ion: 95 Resp: 181951

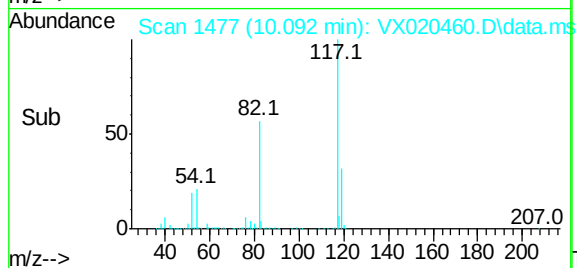
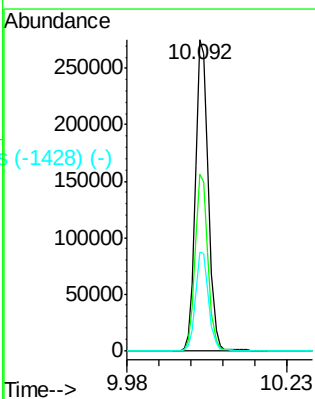
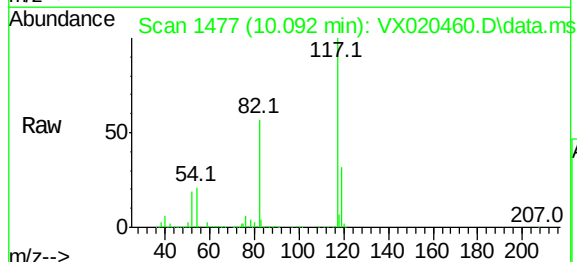
Ion	Ratio	Lower	Upper
95	100		
174	76.5	0.0	154.6
176	75.6	0.0	155.8

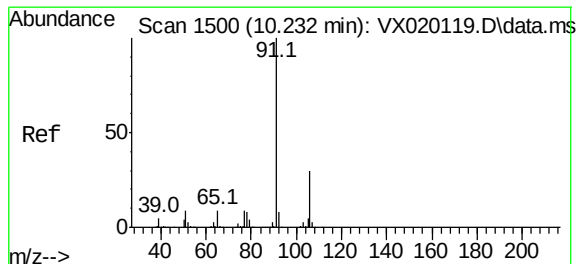


Scan 1477 (10.092 min): VX020119.D\data.ms
 #640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.092 min Scan# 1477
 Delta R.T. -0.000 min
 Lab File: VX020460.D
 Acq: 30 Dec 2020 16:54

Tgt Ion: 117 Resp: 379959

Ion	Ratio	Lower	Upper
117	100		
82	56.8	47.4	71.2
119	31.7	26.6	39.8

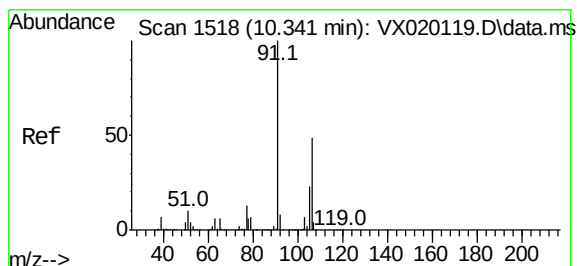
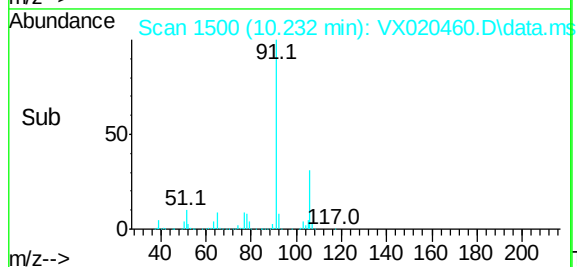
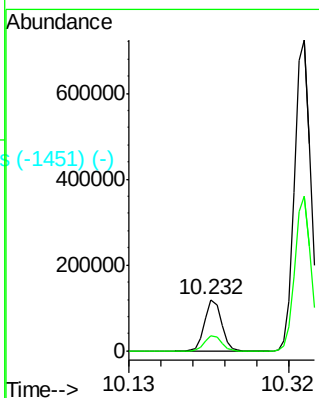
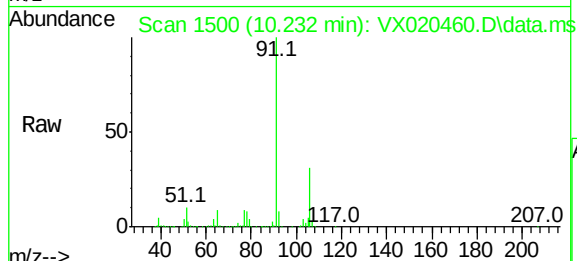




#6793 (-)
Ethyl Benzene
Concen: 10.95 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020460.D
Acq: 30 Dec 2020 16:54

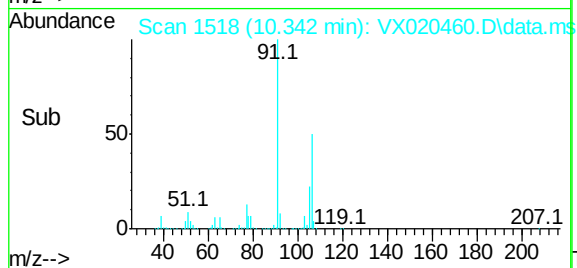
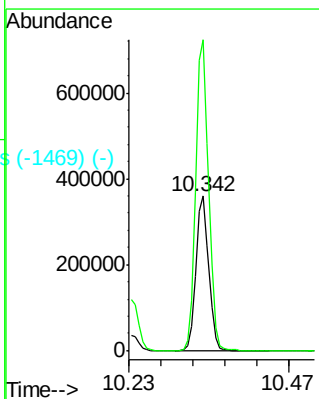
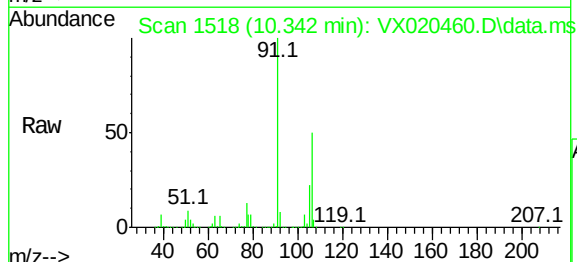
Instrument :
MSVOA_X
ClientSampled :
31362

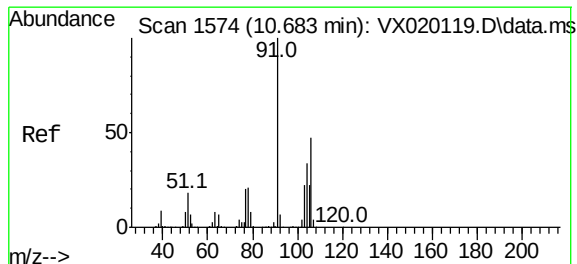
Tgt Ion: 91 Resp: 156030
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0



#6811 (-)
m/p-Xylenes
Concen: 89.78 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020460.D
Acq: 30 Dec 2020 16:54

Tgt Ion:106 Resp: 477597
Ion Ratio Lower Upper
106 100
91 204.0 162.8 244.2

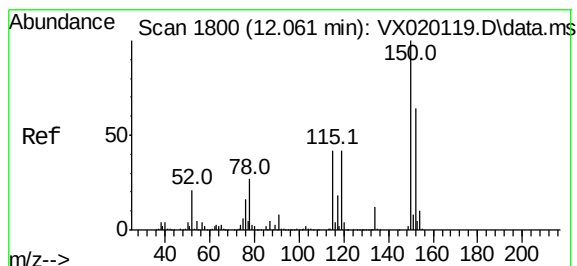
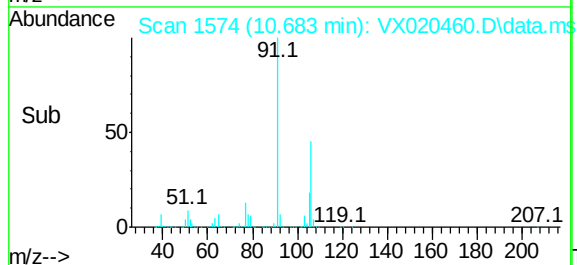
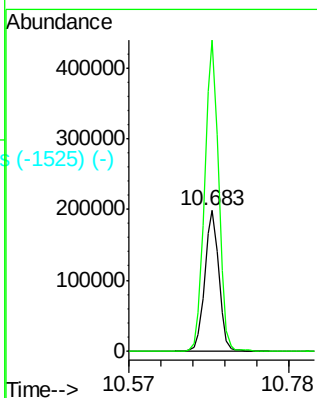
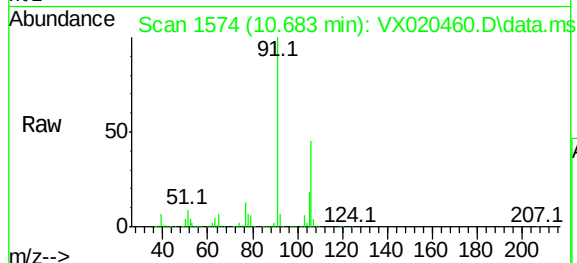




#697 (-)
o-Xylene
Concen: 48.62 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020460.D
Acq: 30 Dec 2020 16:54

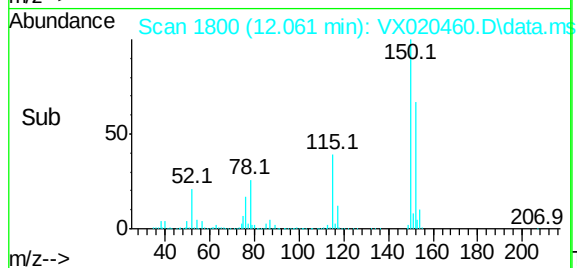
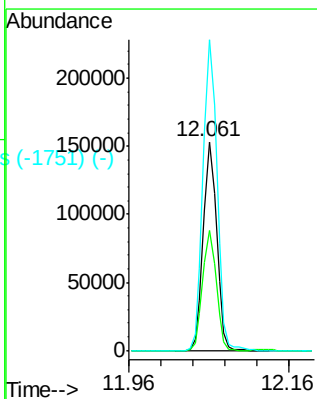
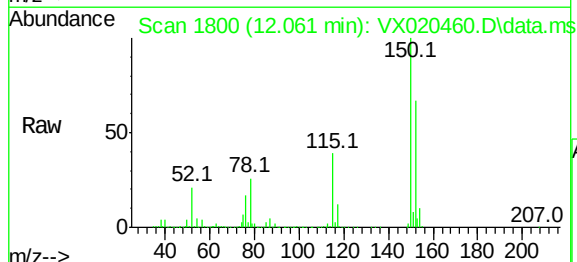
Instrument :
MSVOA_X
ClientSampleId :
31362

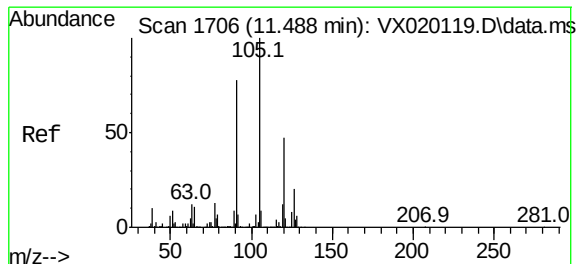
Tgt Ion:106 Resp: 248921
Ion Ratio Lower Upper
106 100
91 221.3 108.1 324.2



#1794 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020460.D
Acq: 30 Dec 2020 16:54

Tgt Ion:152 Resp: 177844
Ion Ratio Lower Upper
152 100
115 58.2 41.1 123.3
150 155.7 0.0 349.0

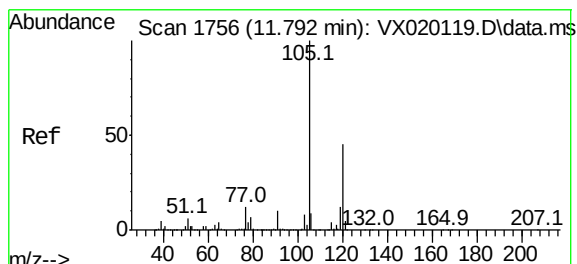
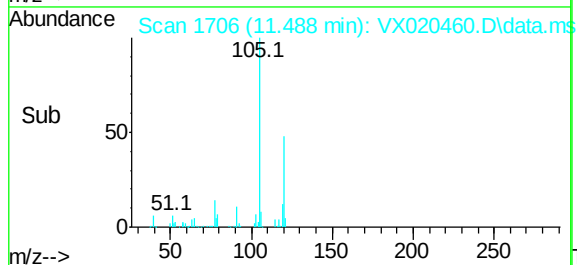
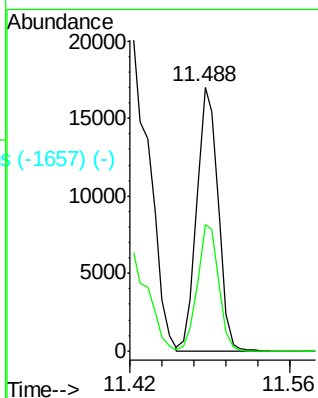
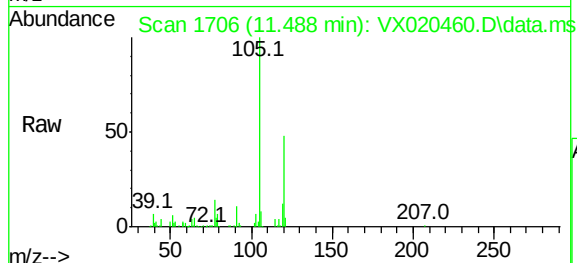




Scan 1706 (11.488 min): VX020119.D\data.ms (#800) (-)
 1,3,5-Trimethylbenzene
 Concen: 1.97 ug/l
 RT: 11.488 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: VX020460.D
 Acq: 30 Dec 2020 16:54

Instrument :
 MSVOA_X
 ClientSampleID :
 31362

Tgt Ion:105 Resp: 21414
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.8 71.5



Scan 1756 (11.792 min): VX020119.D\data.ms (#845) (-)
 1,2,4-Trimethylbenzene
 Concen: 4.39 ug/l
 RT: 11.793 min Scan# 1756
 Delta R.T. 0.001 min
 Lab File: VX020460.D
 Acq: 30 Dec 2020 16:54

Tgt Ion:105 Resp: 48482
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.4 67.3

