

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
 Data File : VX020463.D
 Acq On : 30 Dec 2020 18:04
 Operator : JC/MD
 Sample : L5222-11 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31366

Quant Time: Dec 31 01:10:07 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)

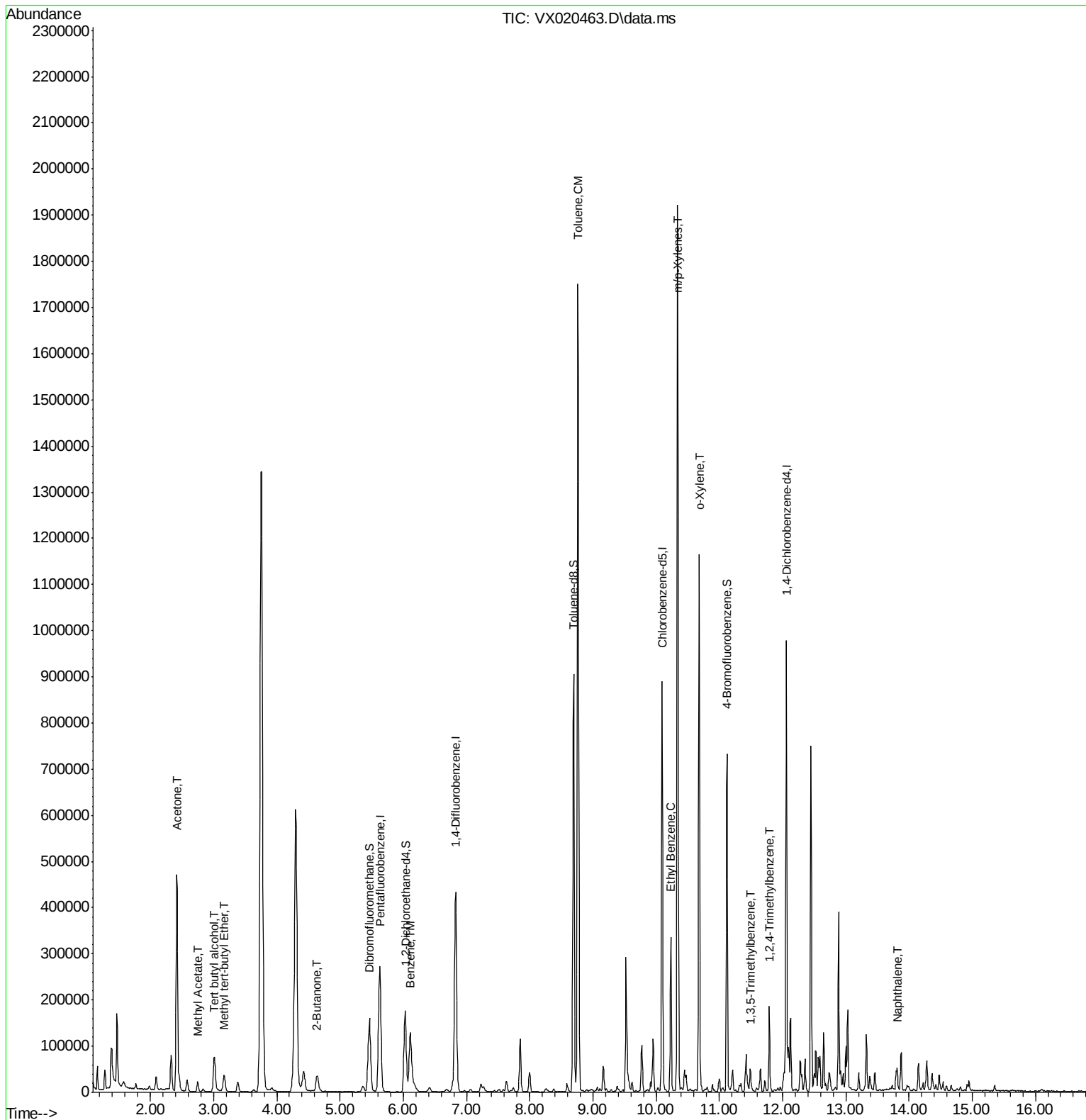
Internal Standards						
1) Pentafluorobenzene	5.635	168	262454	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.830	114	440125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	420036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	194545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	166421	47.31	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	94.62%	
35) Dibromofluoromethane	5.464	113	138327	49.13	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	98.26%	
50) Toluene-d8	8.696	98	533297	49.21	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.122	95	202240	48.76	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	97.52%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	3.014	59	40128	50.94	ug/l	# 94
16) Acetone	2.416	43	477658	297.74	ug/l	98
18) Methyl Acetate	2.745	43	25801	7.21	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	39356	3.92	ug/l	99
25) 2-Butanone	4.635	43	54449	23.32	ug/l	99
40) Benzene	6.111	78	155403	11.48	ug/l	100
52) Toluene	8.763	92	660317	79.91	ug/l	98
67) Ethyl Benzene	10.232	91	194745	12.36	ug/l	98
68) m/p-Xylenes	10.342	106	456597	77.64	ug/l	100
69) o-Xylene	10.683	106	253452	44.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	20998	1.76	ug/l	99
84) 1,2,4-Trimethylbenzene	11.793	105	81513	6.75	ug/l	99
95) Naphthalene	13.817	128	27765	2.06	ug/l	99

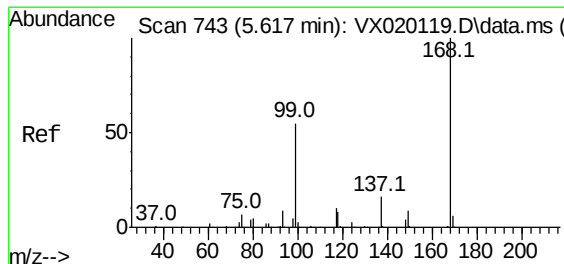
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX123020\
Data File : VX020463.D
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Quant Time: Dec 31 01:10:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
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Response via : Initial Calibration

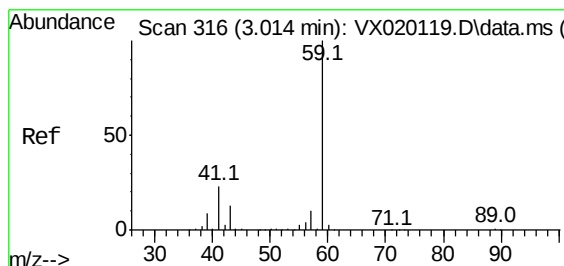
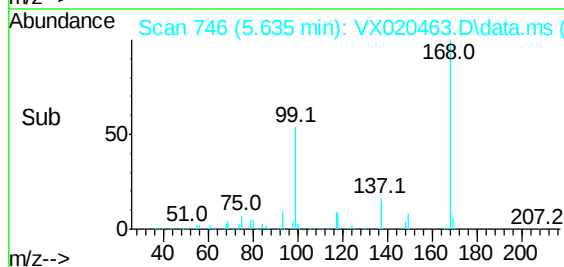
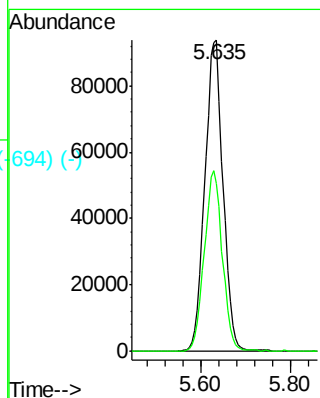
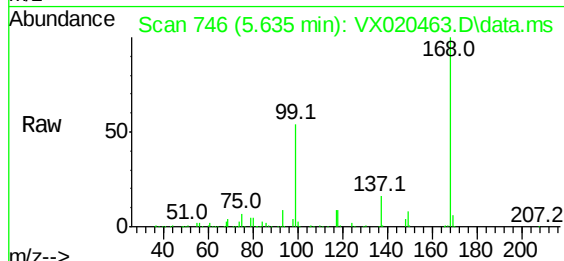




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.018 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

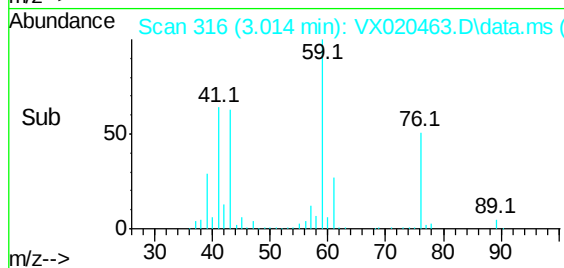
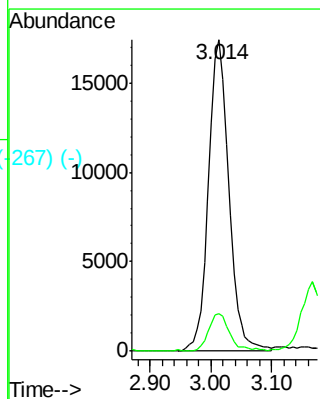
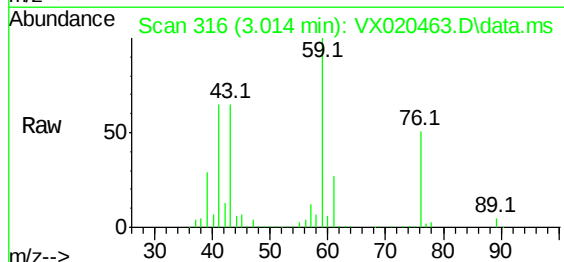
Instrument :
MSVOA_X
ClientSampleId :
31366

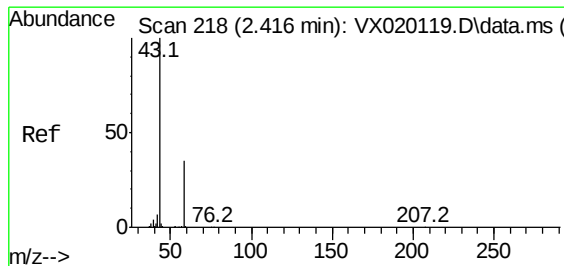
Tgt Ion:168 Resp: 262454
Ion Ratio Lower Upper
168 100
99 53.9 45.8 68.6



Tert butyl alcohol
Concen: 50.94 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

Tgt Ion: 59 Resp: 40128
Ion Ratio Lower Upper
59 100
57 12.0 7.8 11.8#

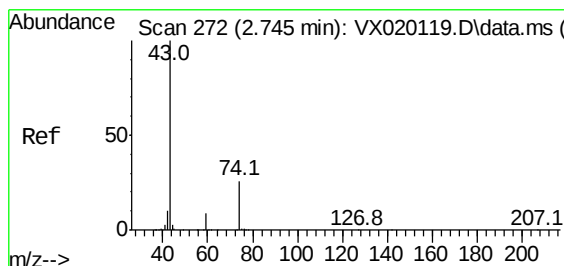
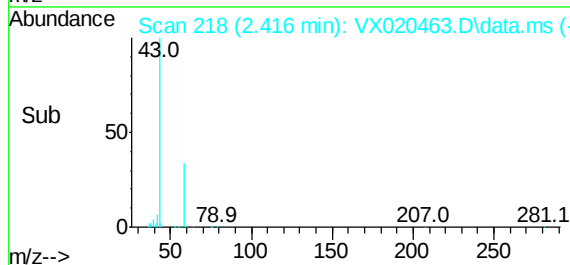
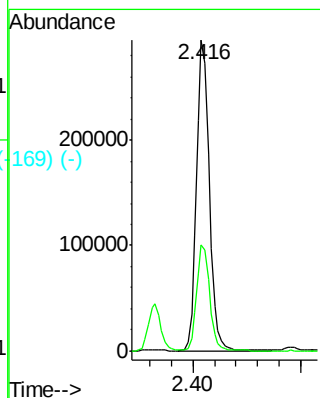
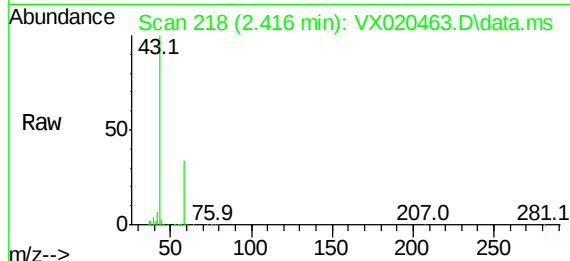




#16 (-)
Acetone
Concen: 297.74 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

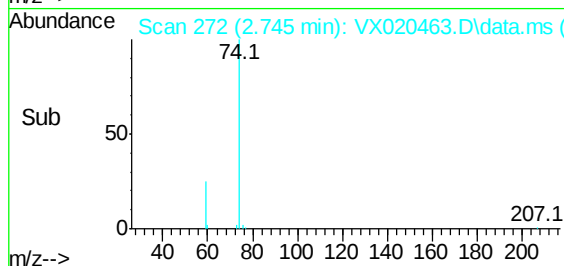
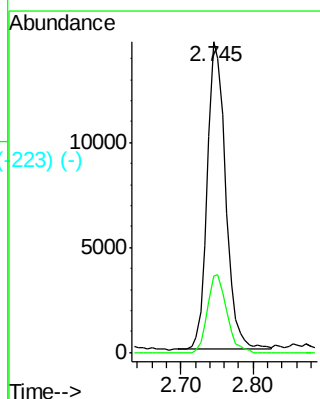
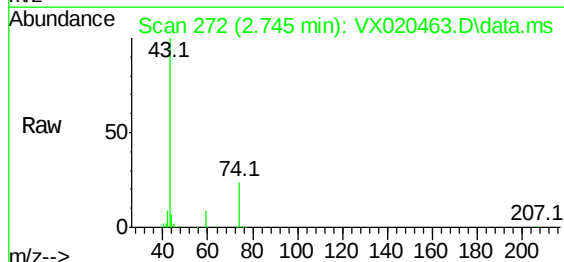
Instrument :
MSVOA_X
ClientSampleId :
31366

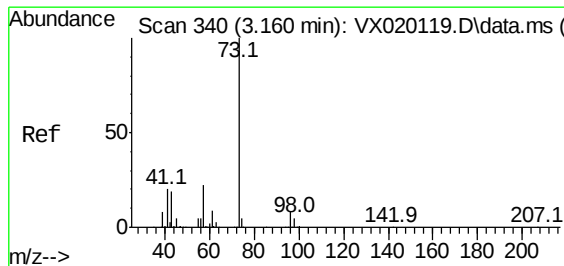
Tgt Ion: 43 Resp: 477658
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8



#18 (-)
Methyl Acetate
Concen: 7.21 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

Tgt Ion: 43 Resp: 25801
Ion Ratio Lower Upper
43 100
74 26.2 21.9 32.9

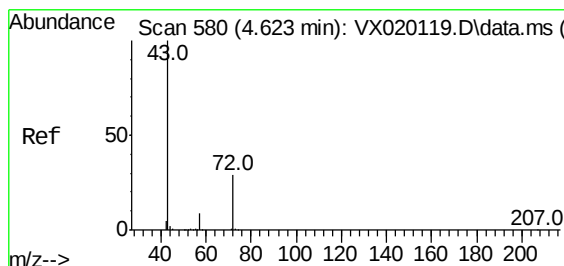
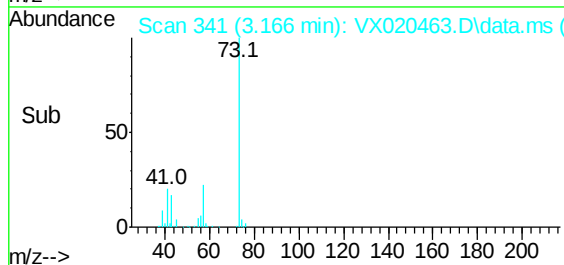
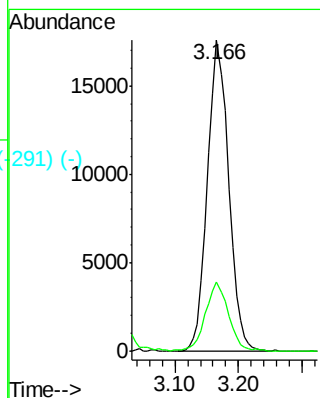
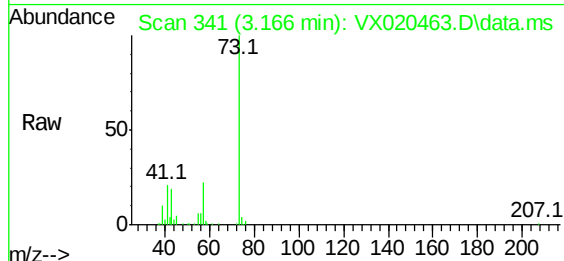




#340 (-)
Methyl tert-butyl Ether
Concen: 3.92 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

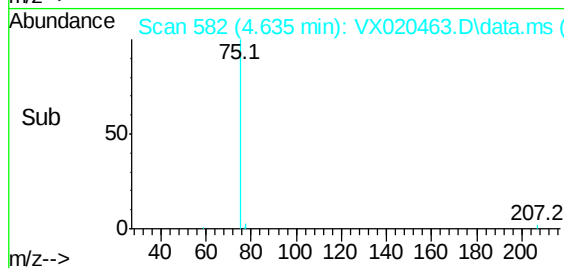
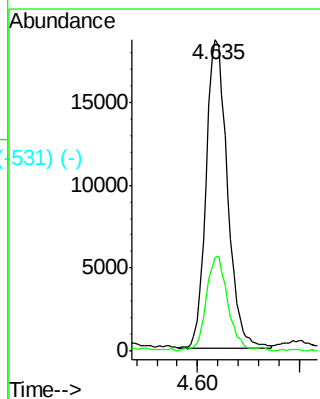
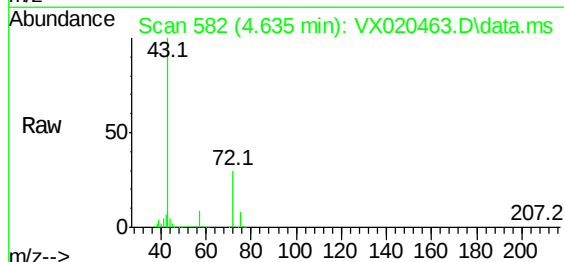
Instrument :
MSVOA_X
ClientSampleId :
31366

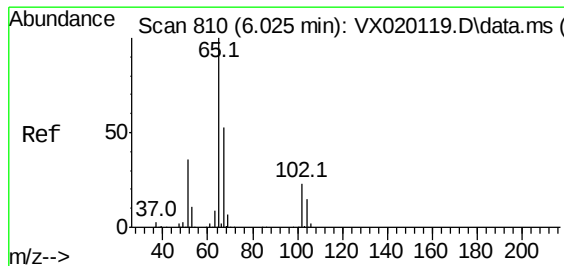
Tgt Ion: 73 Resp: 39356
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7



#580 (-)
2-Butanone
Concen: 23.32 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

Tgt Ion: 43 Resp: 54449
Ion Ratio Lower Upper
43 100
72 30.4 23.7 35.5

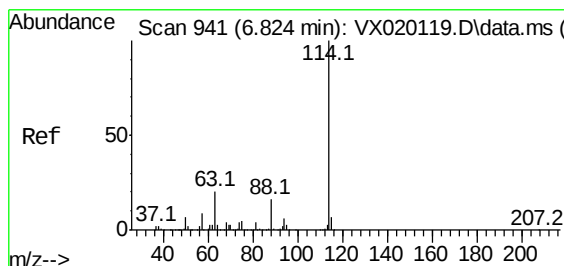
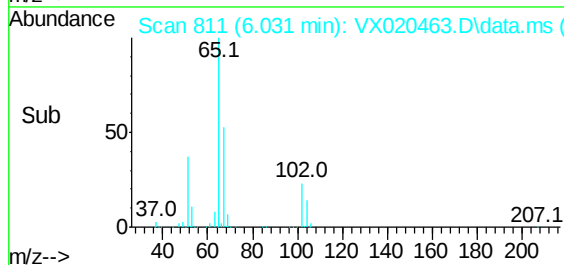
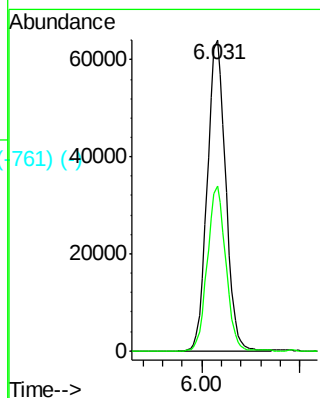
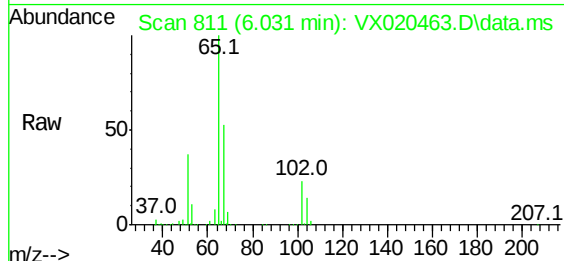




1,2-Dichloroethane-d4
Concen: 47.31 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

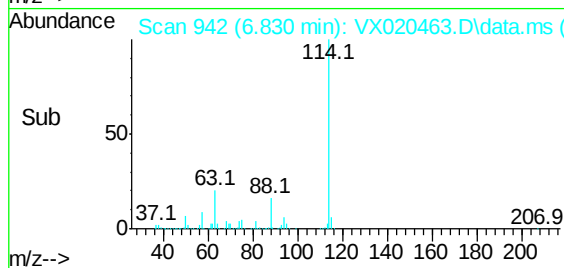
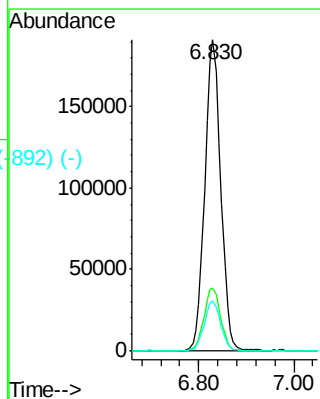
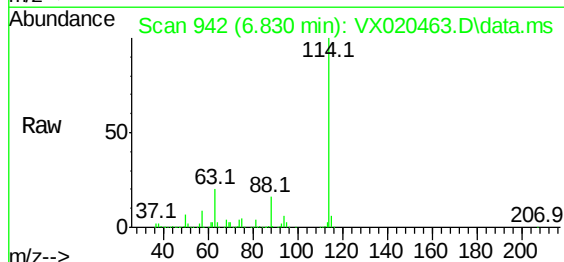
Instrument :
MSVOA_X
ClientSampleId :
31366

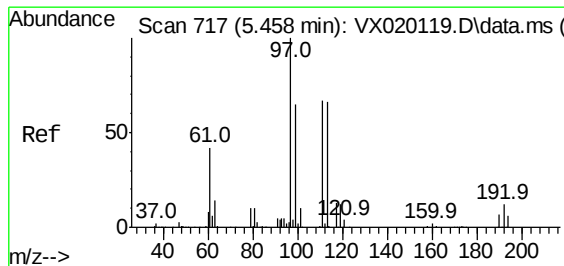
Tgt Ion: 65 Resp: 166421
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

Tgt Ion: 114 Resp: 440125
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.0 0.0 32.8

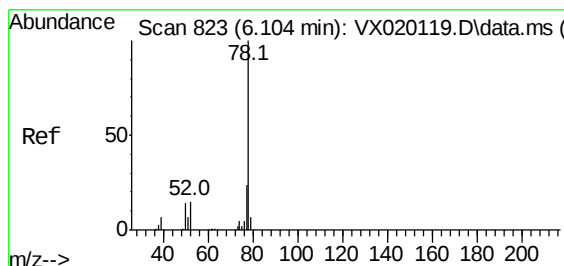
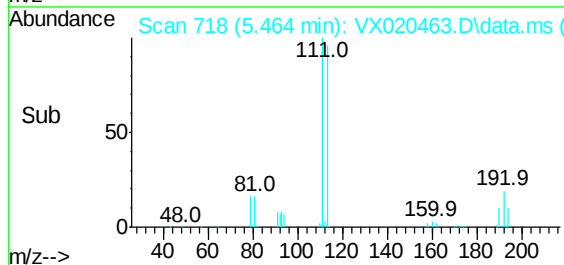
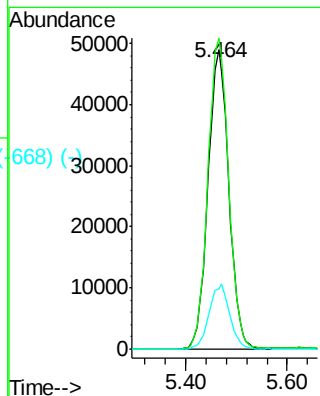
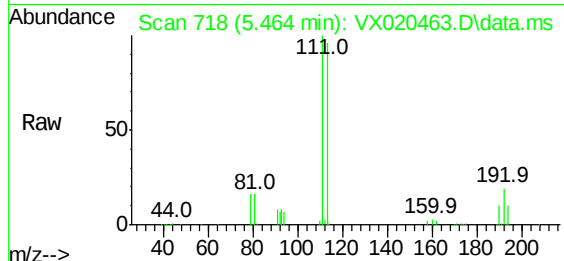




Dibromofluoromethane
Concen: 49.13 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

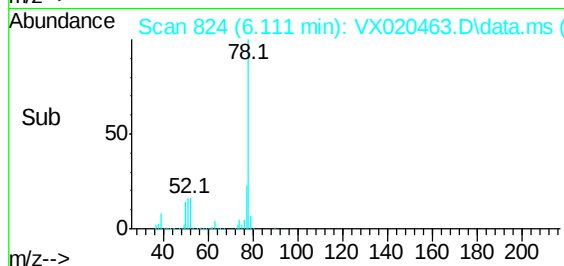
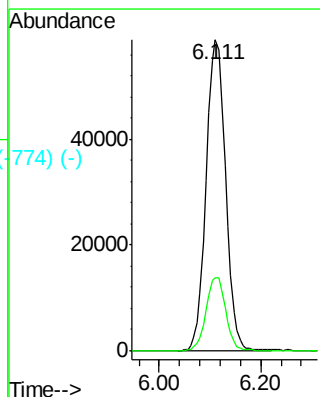
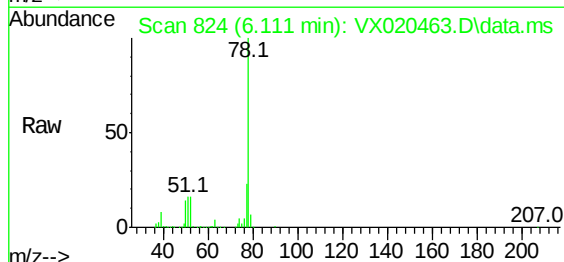
Instrument :
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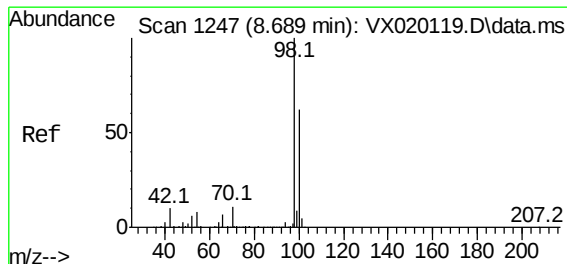
Tgt Ion:113 Resp: 138327
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 21.1 16.7 25.1



Benzene
Concen: 11.48 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

Tgt Ion: 78 Resp: 155403
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3

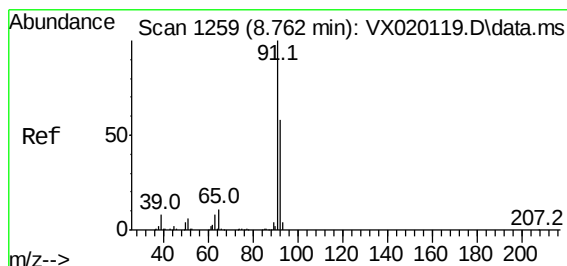
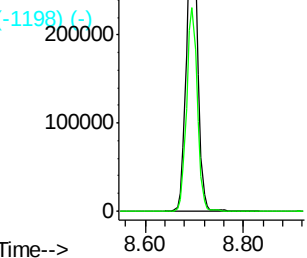
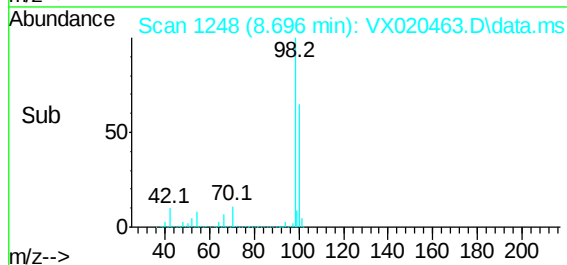
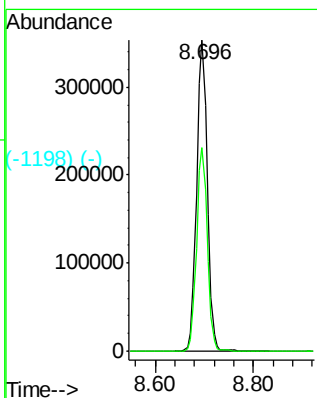
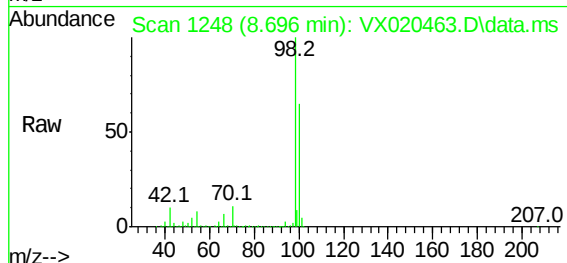




#1247 (-)
Toluene-d8
Concen: 49.21 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

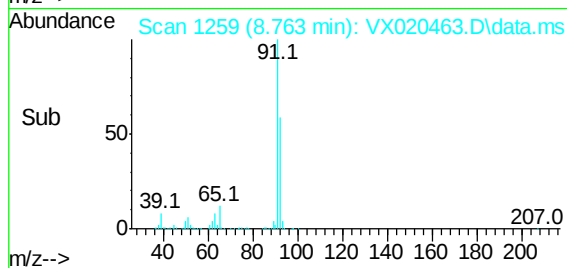
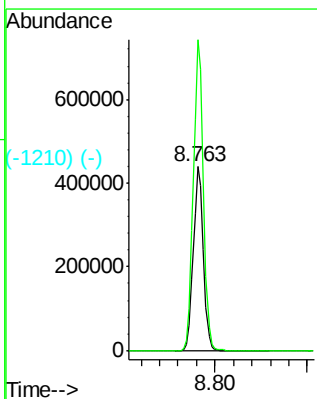
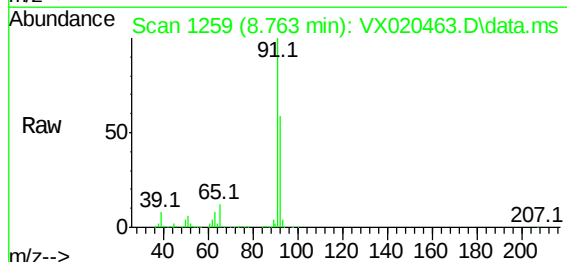
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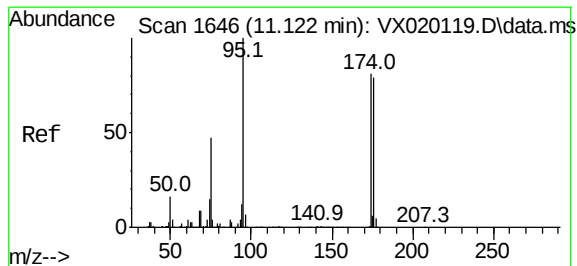
Tgt Ion: 98 Resp: 533297
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



#1259 (-)
Toluene
Concen: 79.91 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

Tgt Ion: 92 Resp: 660317
Ion Ratio Lower Upper
92 100
91 169.2 137.1 205.7

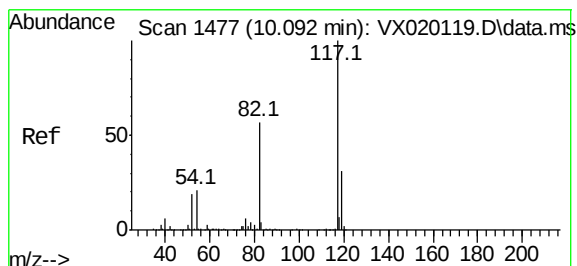
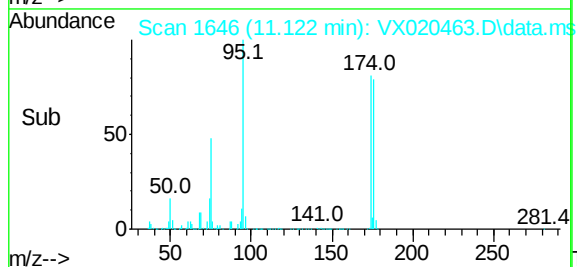
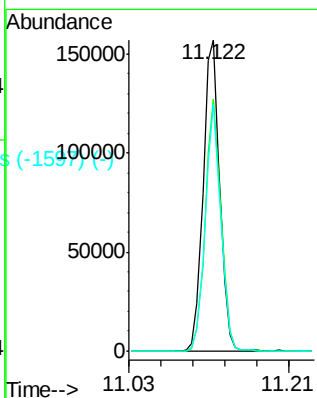
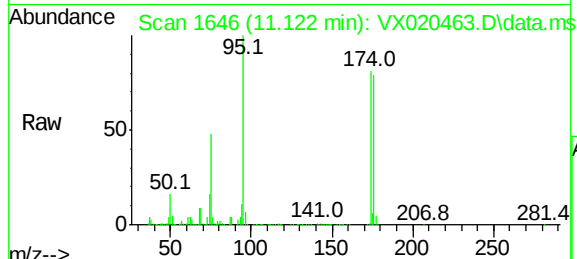




#639 (-)
4-Bromofluorobenzene
Concen: 48.76 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

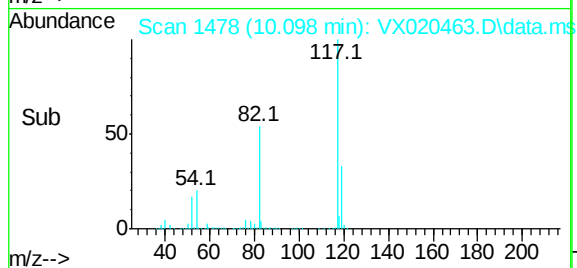
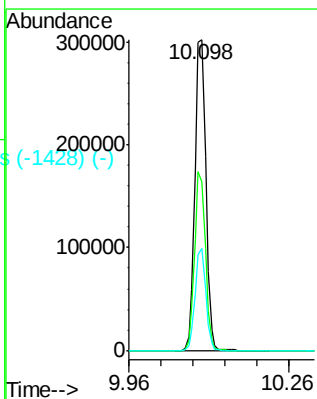
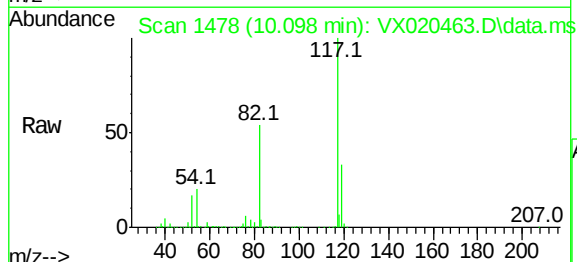
Instrument :
MSVOA_X
ClientSampleId :
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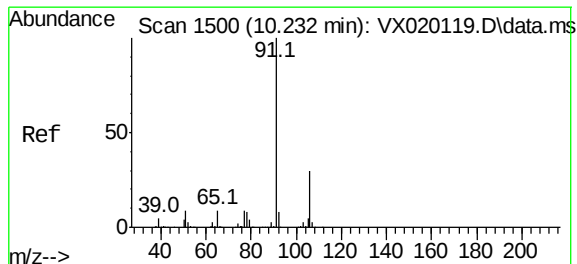
Tgt Ion: 95 Resp: 202240
Ion Ratio Lower Upper
95 100
174 77.5 0.0 154.6
176 74.9 0.0 155.8



#640 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

Tgt Ion:117 Resp: 420036
Ion Ratio Lower Upper
117 100
82 54.1 47.4 71.2
119 32.7 26.6 39.8

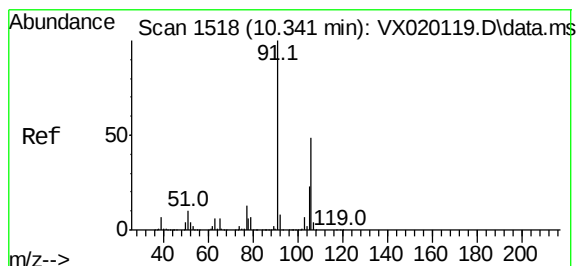
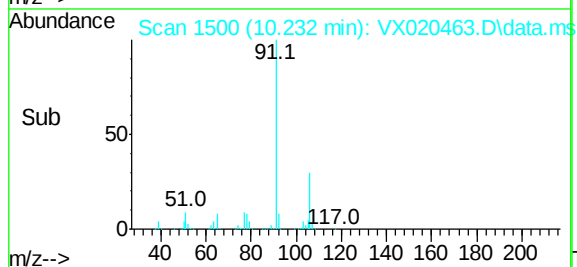
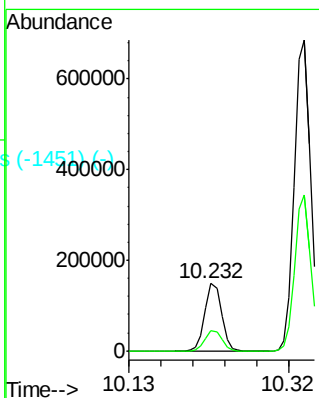
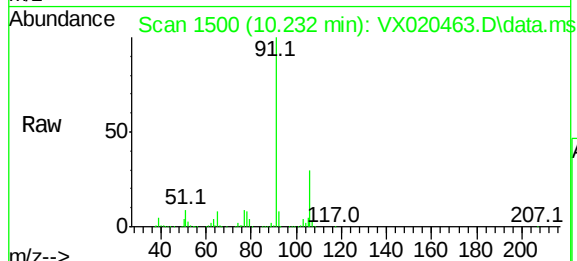




#6793 (-)
Ethyl Benzene
Concen: 12.36 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

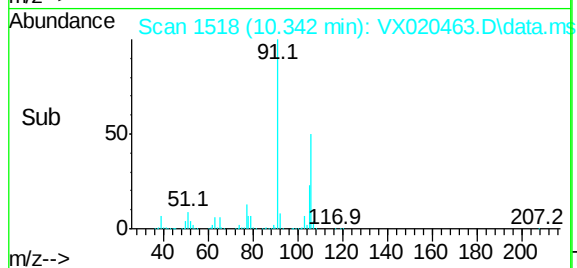
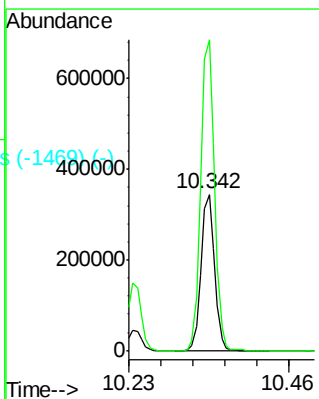
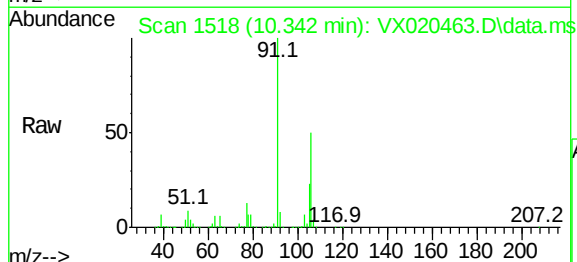
Instrument :
MSVOA_X
ClientSampled :
31366

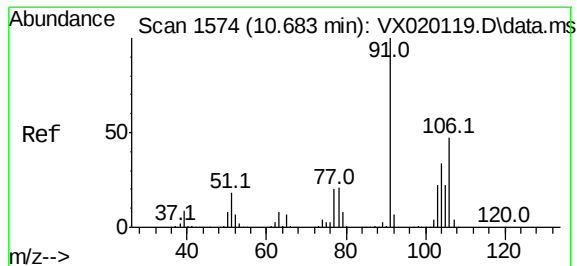
Tgt Ion: 91 Resp: 194745
Ion Ratio Lower Upper
91 100
106 30.0 24.6 37.0



#6811 (-)
m/p-Xylenes
Concen: 77.64 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

Tgt Ion:106 Resp: 456597
Ion Ratio Lower Upper
106 100
91 204.2 162.8 244.2

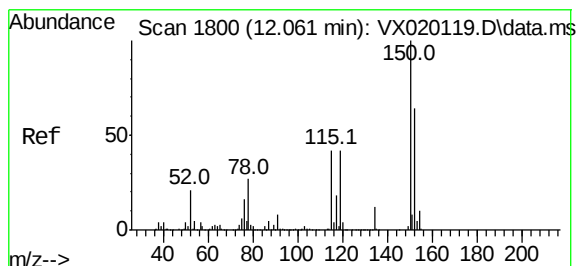
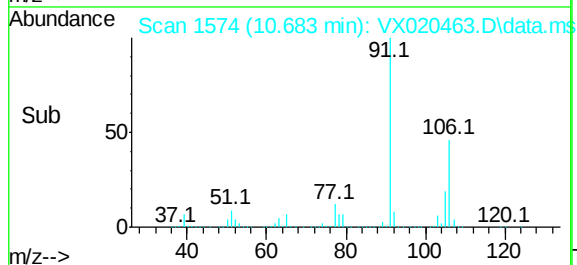
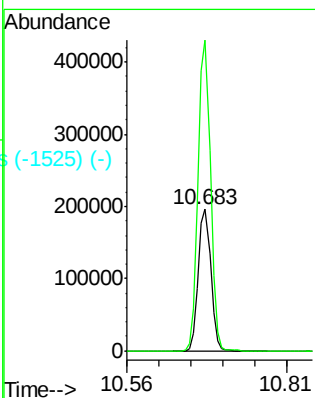
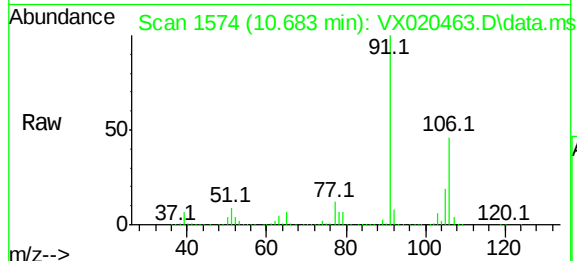




#697 (-)
o-Xylene
Concen: 44.78 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

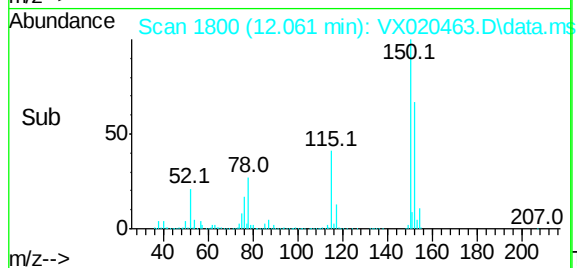
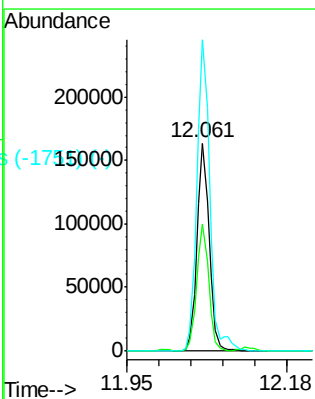
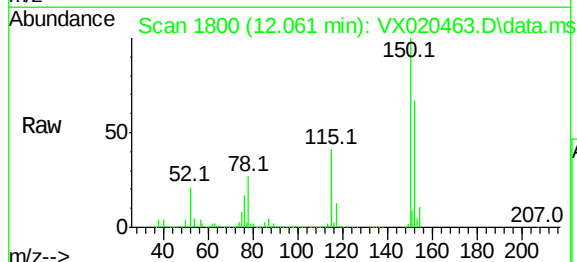
Instrument :
MSVOA_X
ClientSampleId :
31366

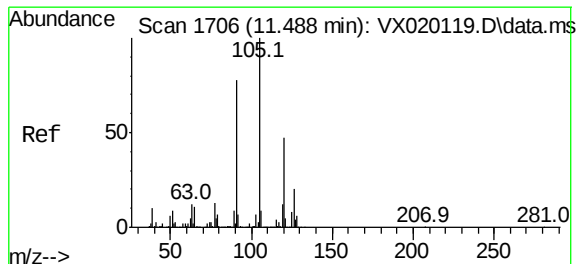
Tgt Ion:106 Resp: 253452
Ion Ratio Lower Upper
106 100
91 217.6 108.1 324.2



#724 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

Tgt Ion:152 Resp: 194545
Ion Ratio Lower Upper
152 100
115 60.3 41.1 123.3
150 161.3 0.0 349.0

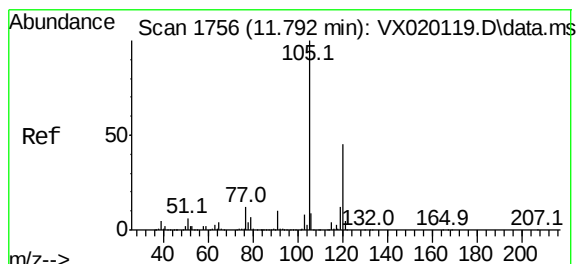
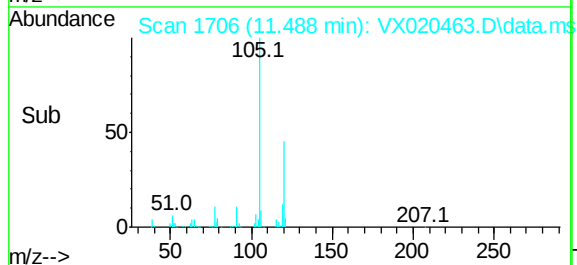
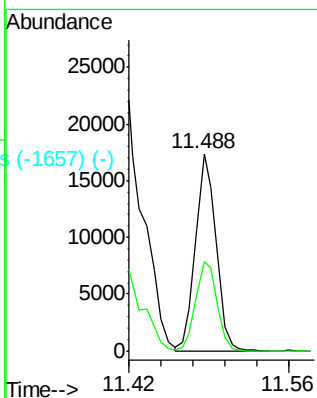
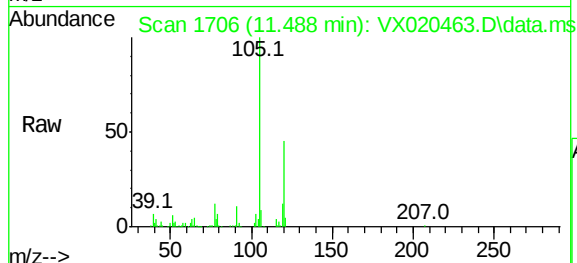




#8700 (-)
 1,3,5-Trimethylbenzene
 Concen: 1.76 ug/l
 RT: 11.488 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: VX020463.D
 Acq: 30 Dec 2020 18:04

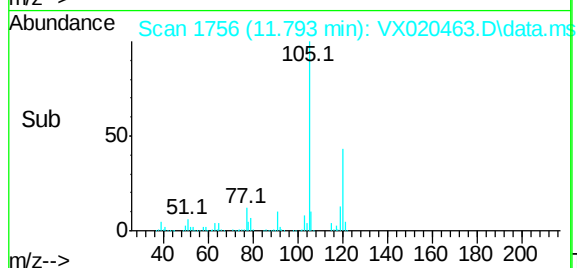
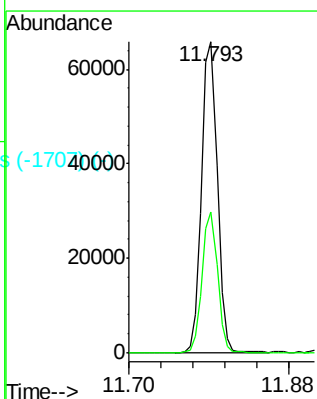
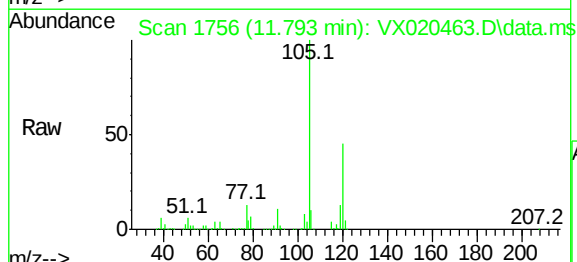
Instrument :
 MSVOA_X
 ClientSampled :
 31366

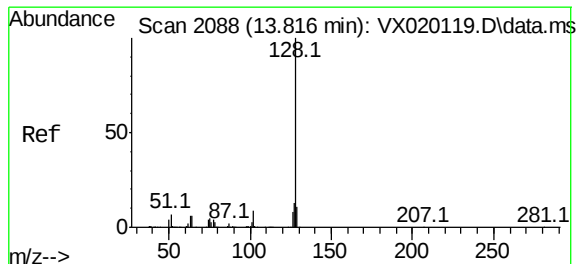
Tgt Ion:	105	Resp:	20998
Ion Ratio	Lower	Upper	
105	100		
120	47.1	23.8	71.5



#8745 (-)
 1,2,4-Trimethylbenzene
 Concen: 6.75 ug/l
 RT: 11.793 min Scan# 1756
 Delta R.T. 0.001 min
 Lab File: VX020463.D
 Acq: 30 Dec 2020 18:04

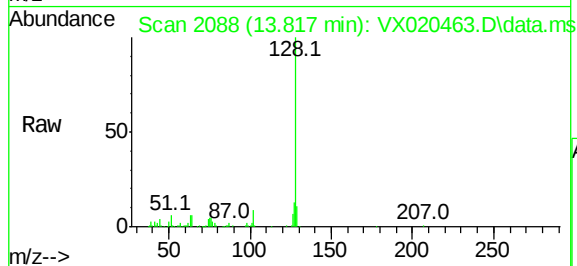
Tgt Ion:	105	Resp:	81513
Ion Ratio	Lower	Upper	
105	100		
120	44.1	22.4	67.3





#95 (-)
Naphthalene
Concen: 2.06 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. 0.001 min
Lab File: VX020463.D
Acq: 30 Dec 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
31366



Tgt Ion:128 Resp: 27765

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	11.3	8.8	13.2

