

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123020\
 Data File : VX020464.D
 Acq On : 30 Dec 2020 18:28
 Operator : JC/MD
 Sample : L5222-15 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31364

Quant Time: Dec 31 01:10:29 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)

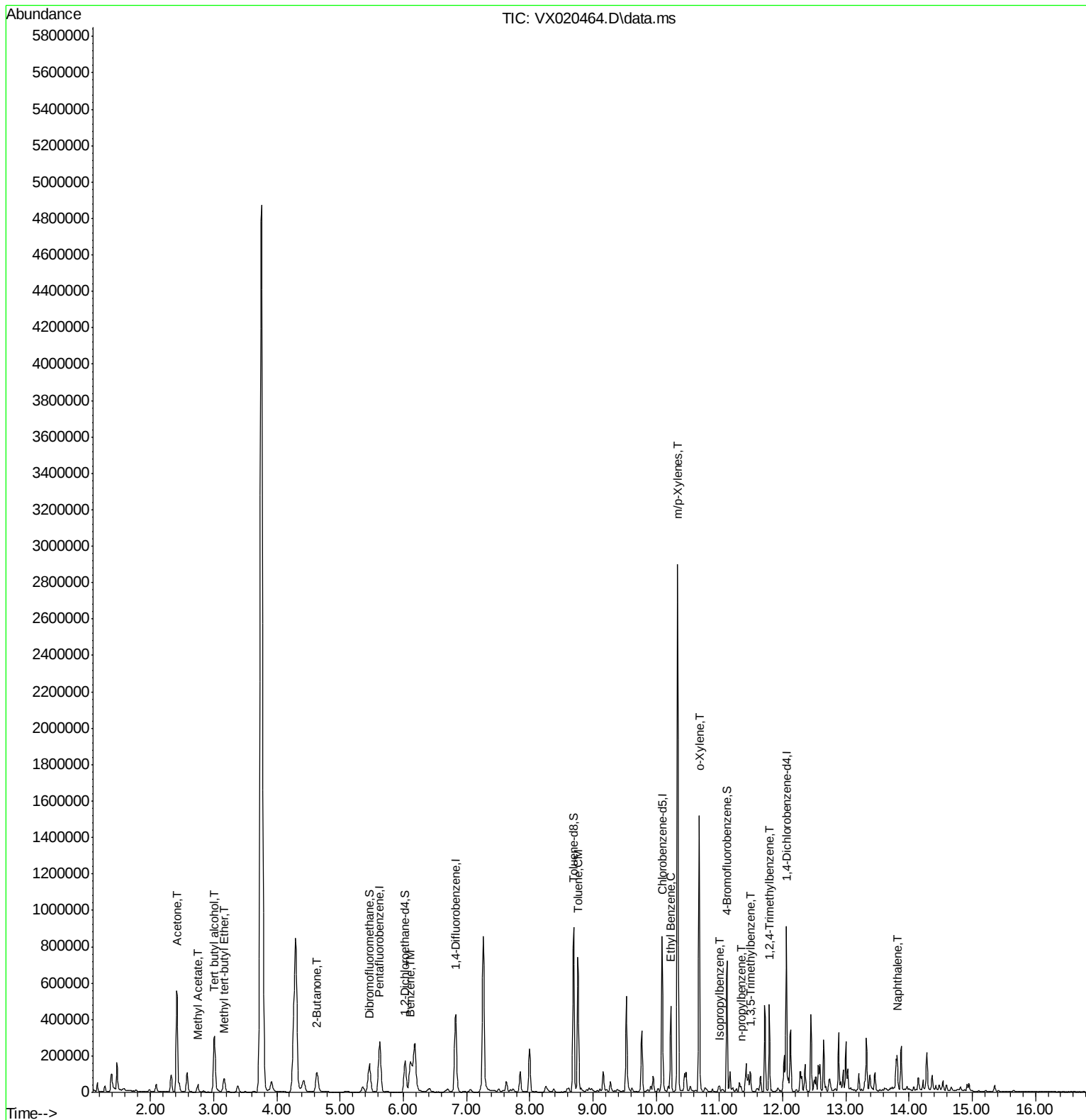
Internal Standards						
1) Pentafluorobenzene	5.629	168	265919	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	434032	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	404457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	179857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	165720	46.49	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	92.98%	
35) Dibromofluoromethane	5.464	113	136703	49.24	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	98.48%	
50) Toluene-d8	8.695	98	531255	49.71	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.122	95	189815	46.40	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	92.80%	
Target Compounds						Qvalue
11) Tert butyl alcohol	3.014	59	131995	165.37	ug/l	# 94
16) Acetone	2.416	43	567802	349.32	ug/l	99
18) Methyl Acetate	2.751	43	49326	13.61	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	83506	8.21	ug/l	97
25) 2-Butanone	4.635	43	180119	76.14	ug/l	98
40) Benzene	6.111	78	187087	14.01	ug/l	99
52) Toluene	8.763	92	273732	33.59	ug/l	100
67) Ethyl Benzene	10.232	91	276339	18.22	ug/l	97
68) m/p-Xylenes	10.342	106	676171	119.40	ug/l	99
69) o-Xylene	10.683	106	328277	60.23	ug/l	99
73) Isopropylbenzene	11.000	105	14677	1.13	ug/l	100
78) n-propylbenzene	11.341	91	16638	1.11	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	46341	4.21	ug/l	97
84) 1,2,4-Trimethylbenzene	11.792	105	207803	18.61	ug/l	99
95) Naphthalene	13.816	128	105299	8.47	ug/l	100

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

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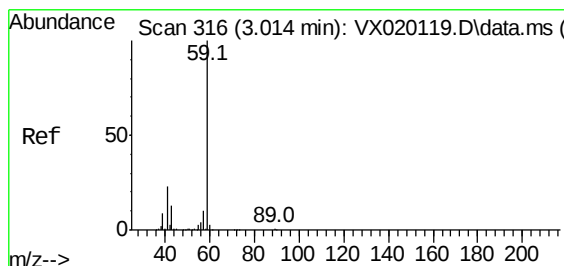
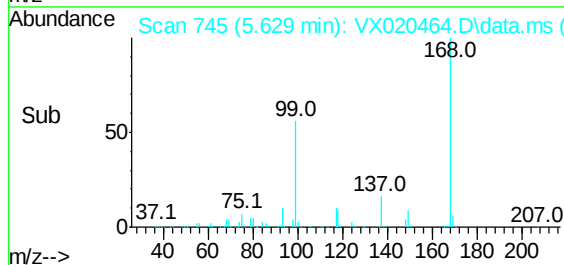
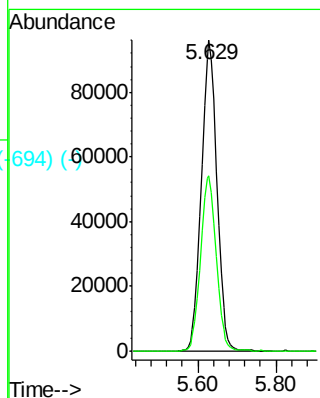
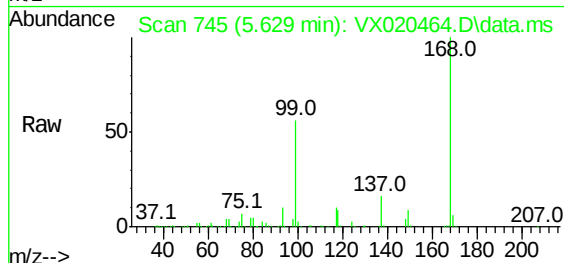




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020464.D
 Acq: 30 Dec 2020 18:28

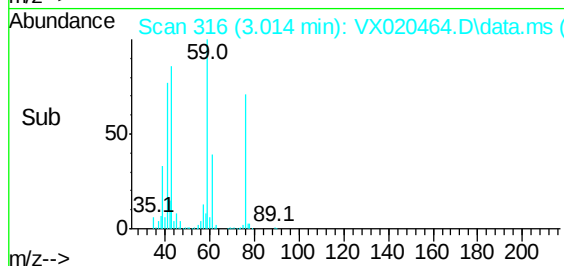
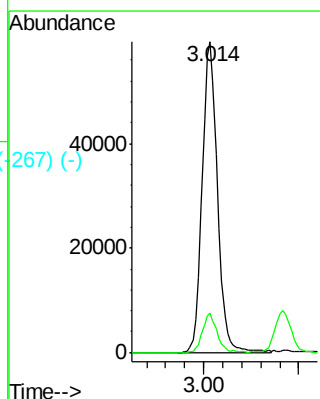
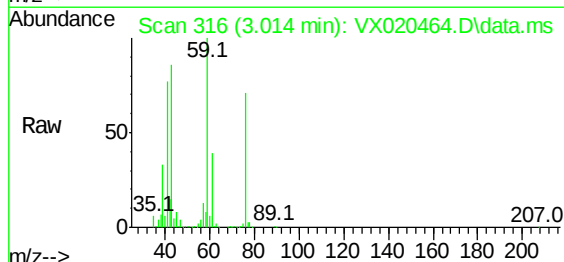
Instrument :
 MSVOA_X
 ClientSampled :
 31364

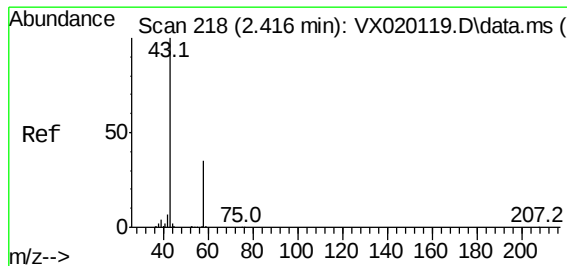
Tgt Ion:168 Resp: 265919
 Ion Ratio Lower Upper
 168 100
 99 56.3 45.8 68.6



Tert butyl alcohol
 Concen: 165.37 ug/l
 RT: 3.014 min Scan# 316
 Delta R.T. -0.000 min
 Lab File: VX020464.D
 Acq: 30 Dec 2020 18:28

Tgt Ion: 59 Resp: 131995
 Ion Ratio Lower Upper
 59 100
 57 12.0 7.8 11.8#

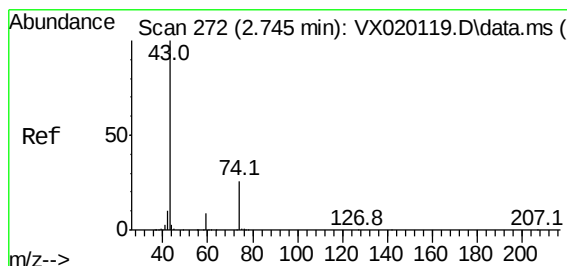
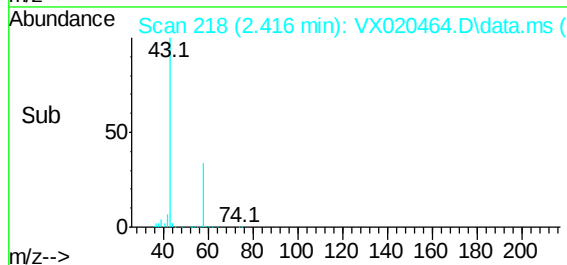
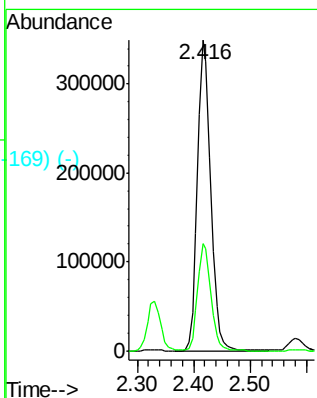
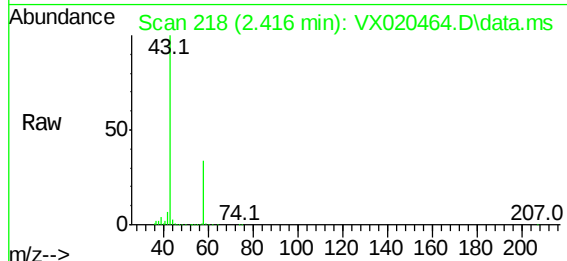




Acetone
Concen: 349.32 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

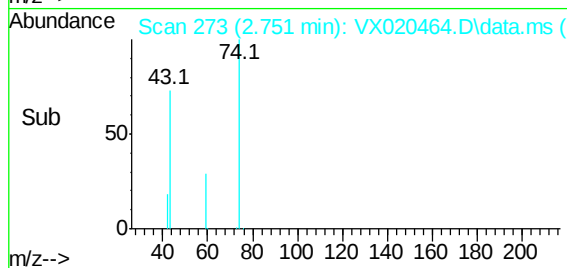
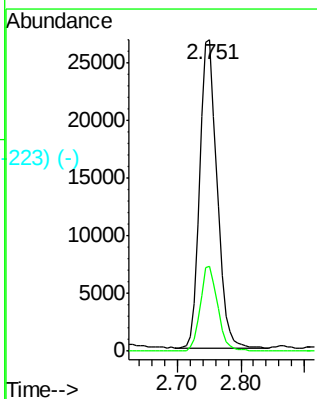
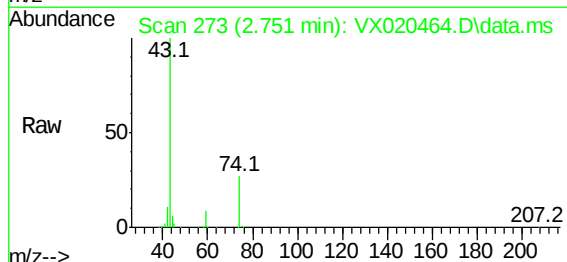
Instrument :
MSVOA_X
ClientSampleId :
31364

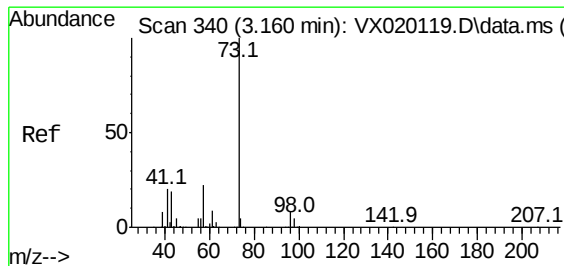
Tgt Ion: 43 Resp: 567802
Ion Ratio Lower Upper
43 100
58 34.3 27.8 41.8



Methyl Acetate
Concen: 13.61 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

Tgt Ion: 43 Resp: 49326
Ion Ratio Lower Upper
43 100
74 26.8 21.9 32.9

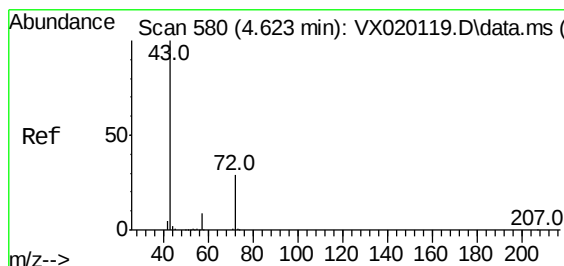
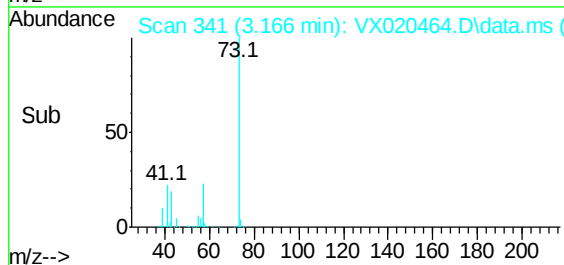
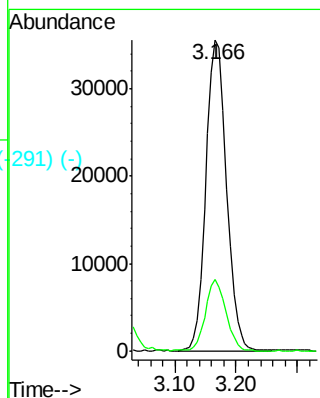
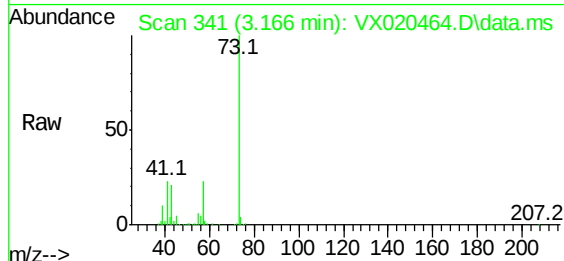




#340 (-)
Methyl tert-butyl Ether
Concen: 8.21 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.006 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

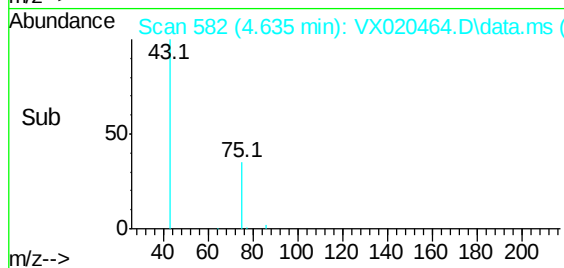
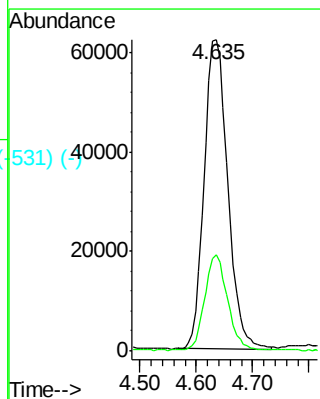
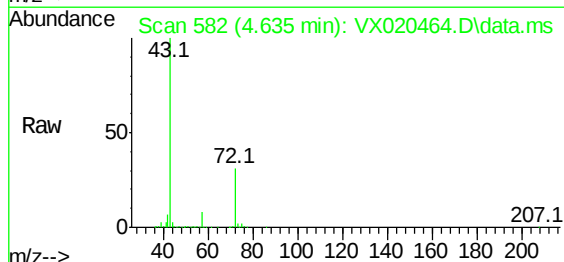
Instrument :
MSVOA_X
ClientSampled :
31364

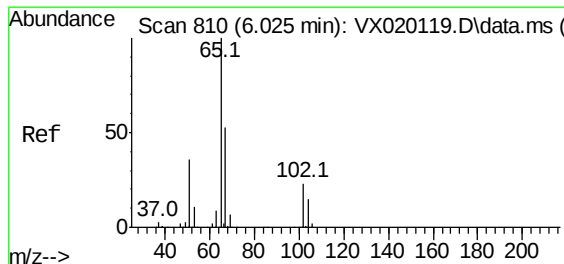
Tgt Ion: 73 Resp: 83506
Ion Ratio Lower Upper
73 100
57 22.8 17.1 25.7



#580 (-)
2-Butanone
Concen: 76.14 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.012 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

Tgt Ion: 43 Resp: 180119
Ion Ratio Lower Upper
43 100
72 30.7 23.7 35.5

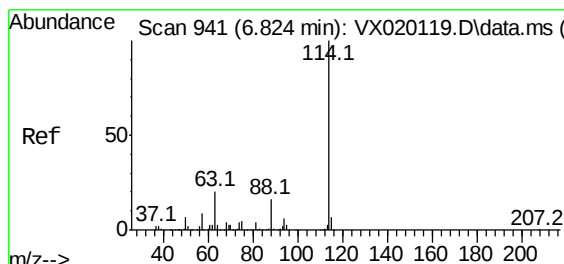
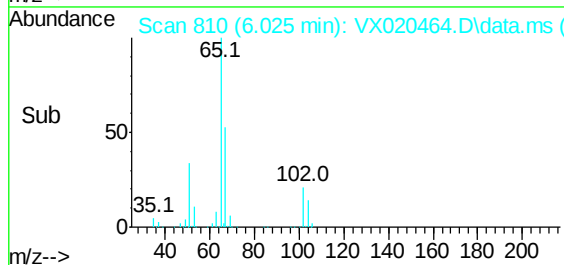
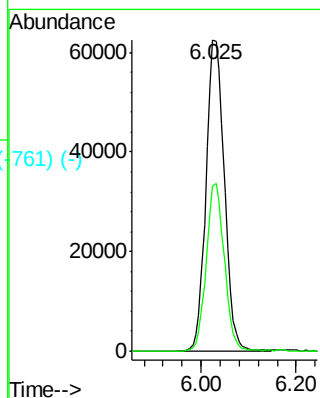
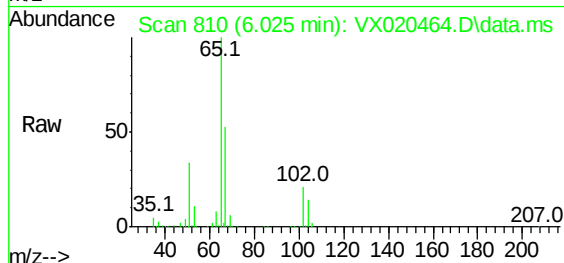




1,2-Dichloroethane-d4
 Concen: 46.49 ug/l
 RT: 6.025 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: VX020464.D
 Acq: 30 Dec 2020 18:28

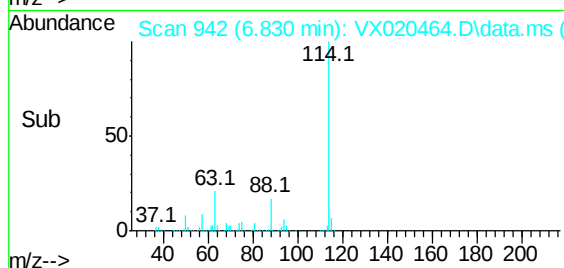
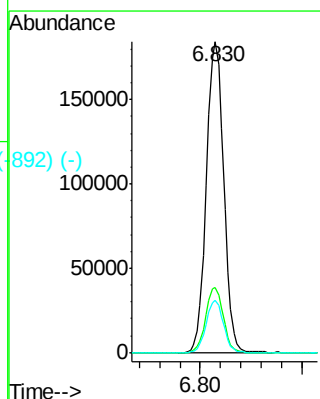
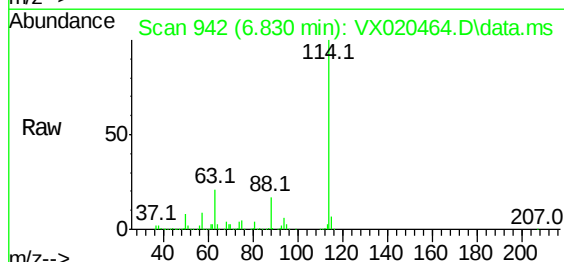
Instrument :
 MSVOA_X
 ClientSampleId :
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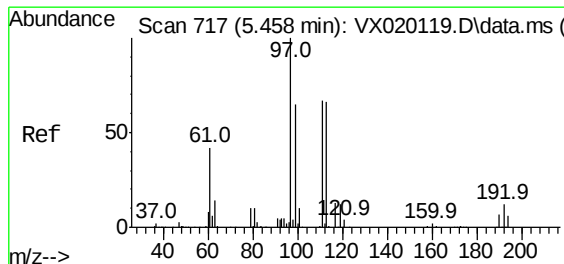
Tgt Ion:	65	Resp:	165720
Ion Ratio	Lower	Upper	
65	100		
67	52.8	0.0	105.4



1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020464.D
 Acq: 30 Dec 2020 18:28

Tgt Ion:	114	Resp:	434032
Ion Ratio	Lower	Upper	
114	100		
63	20.9	0.0	40.8
88	16.7	0.0	32.8

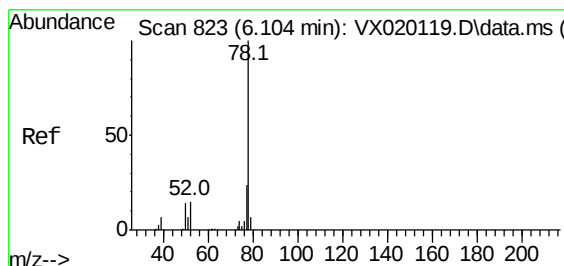
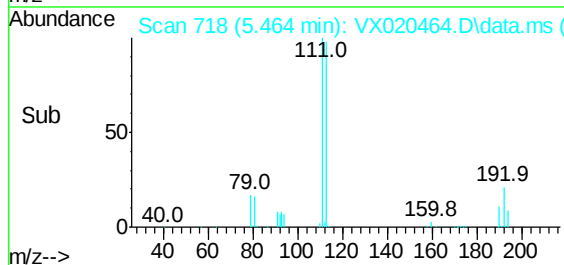
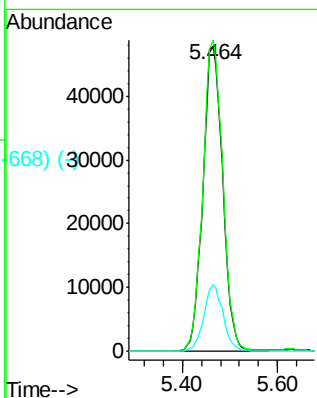
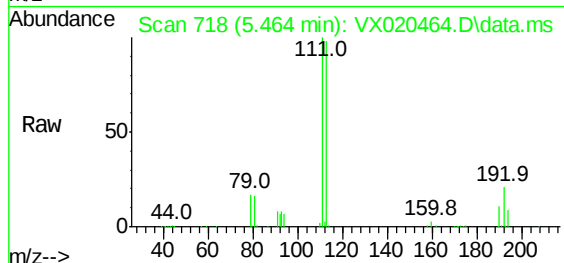




Dibromofluoromethane
Concen: 49.24 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

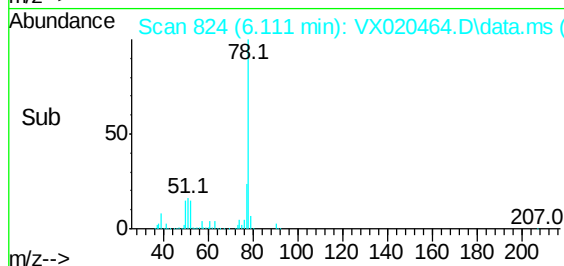
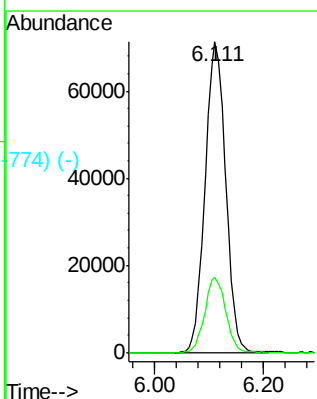
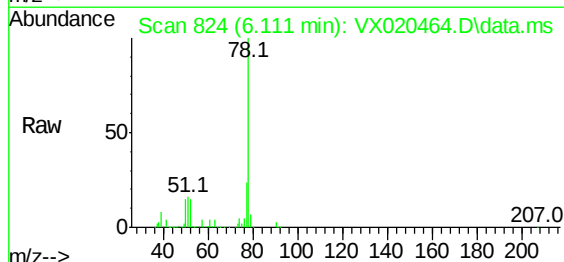
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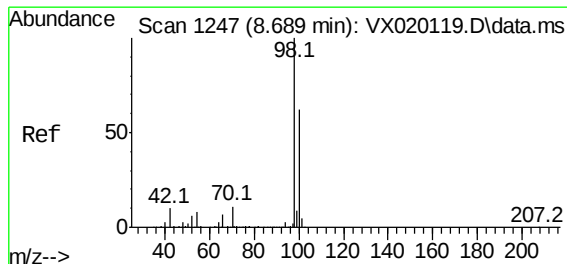
Tgt Ion:113 Resp: 136703
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.9 16.7 25.1



Benzene
Concen: 14.01 ug/l
RT: 6.111 min Scan# 824
Delta R.T. 0.007 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

Tgt Ion: 78 Resp: 187087
Ion Ratio Lower Upper
78 100
77 24.2 18.9 28.3

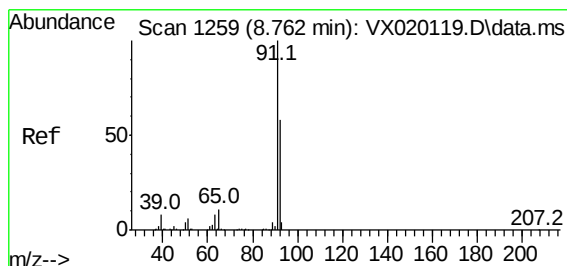
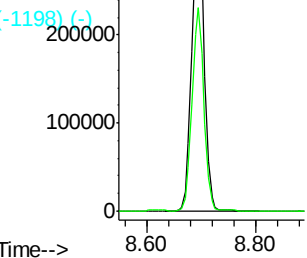
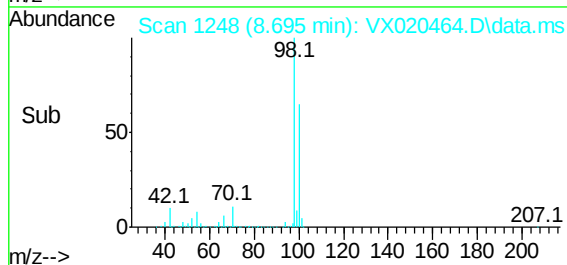
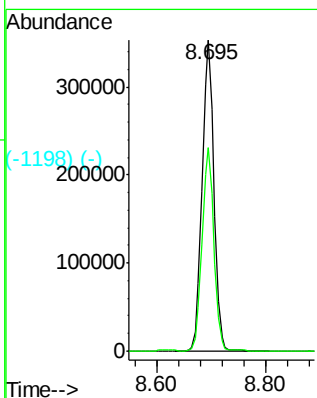
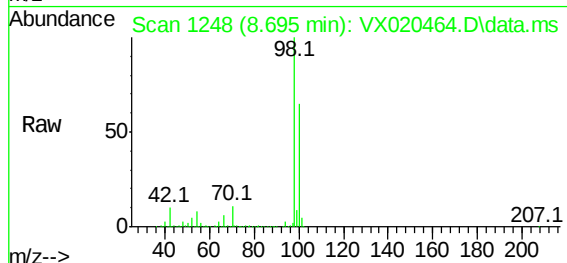




#1247 (-)
Toluene-d8
Concen: 49.71 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

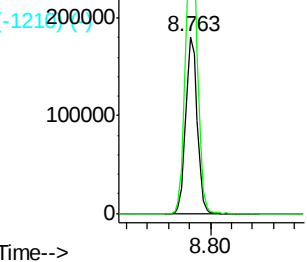
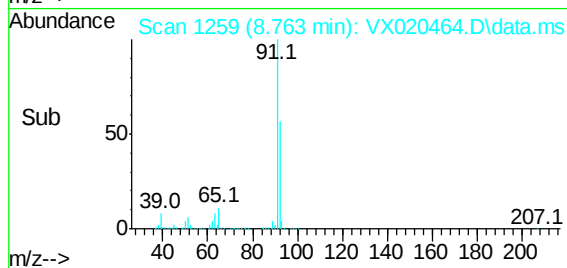
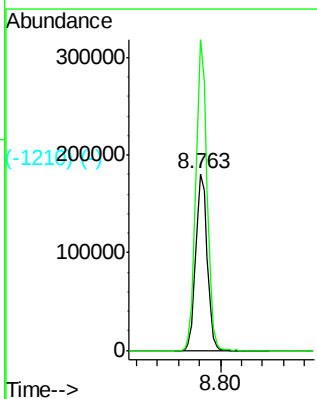
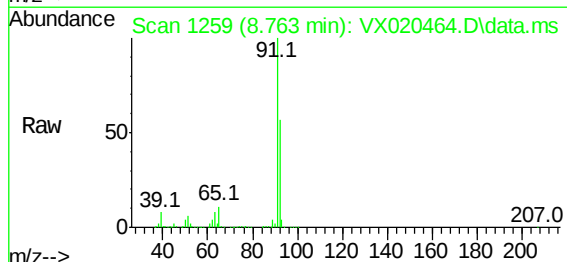
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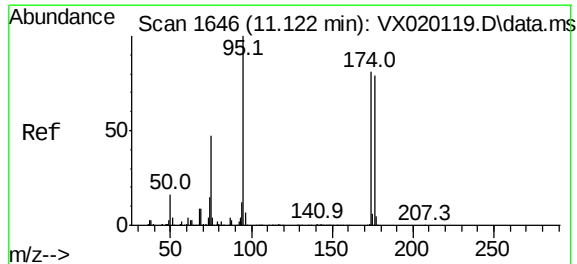
Tgt Ion: 98 Resp: 531255
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#1259 (-)
Toluene
Concen: 33.59 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

Tgt Ion: 92 Resp: 273732
Ion Ratio Lower Upper
92 100
91 171.5 137.1 205.7

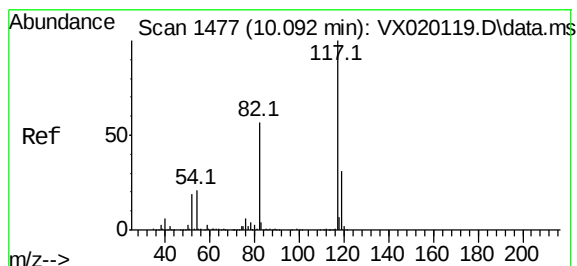
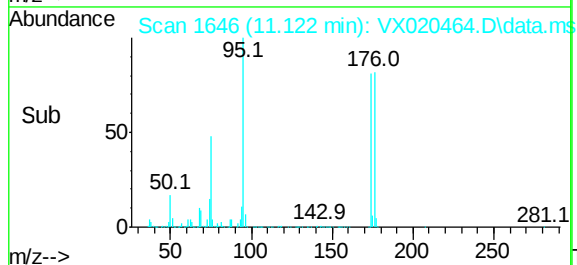
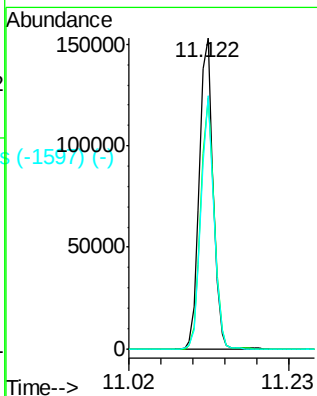
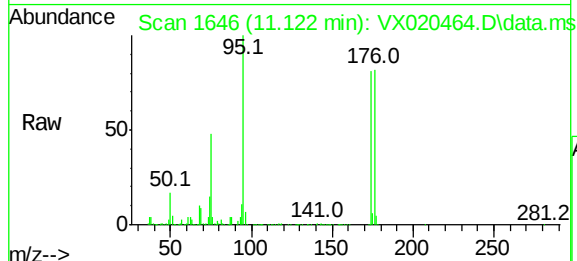




#639 (-)
4-Bromofluorobenzene
Concen: 46.40 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

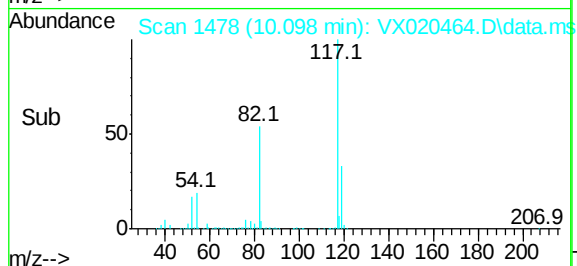
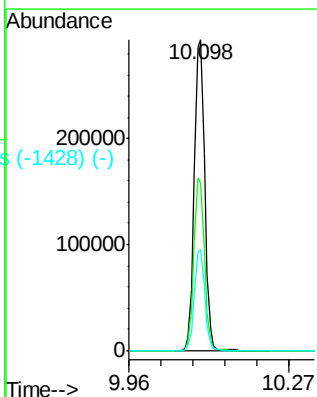
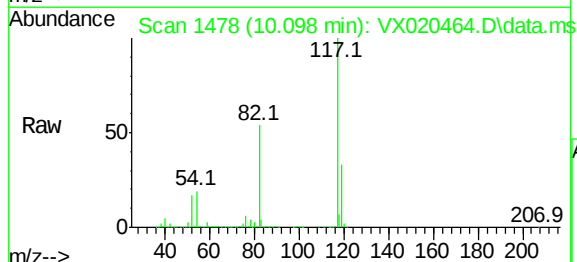
Instrument :
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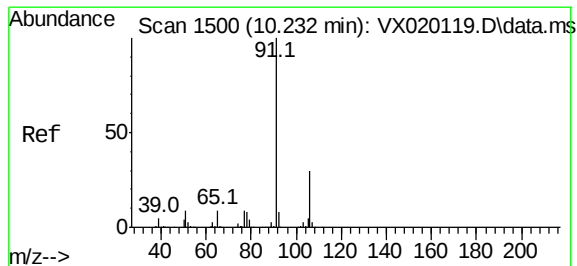
Tgt Ion:	95	Resp:	189815
Ion	Ratio	Lower	Upper
95	100		
174	79.5	0.0	154.6
176	77.7	0.0	155.8



#640 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

Tgt Ion:	117	Resp:	404457
Ion	Ratio	Lower	Upper
117	100		
82	53.8	47.4	71.2
119	32.6	26.6	39.8

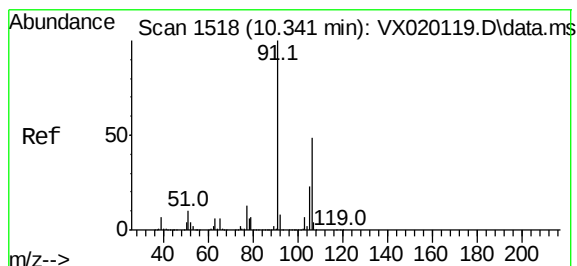
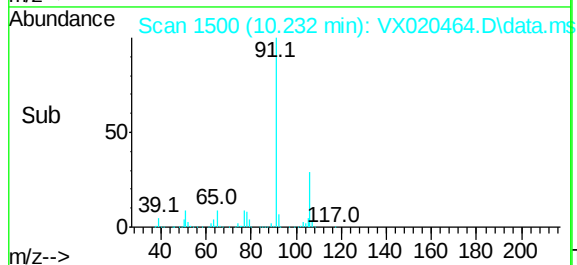
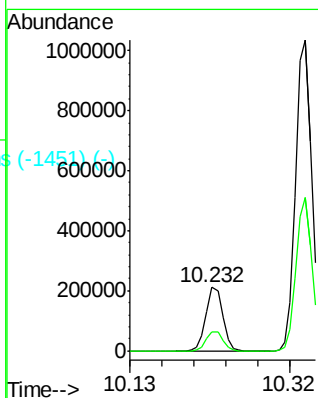
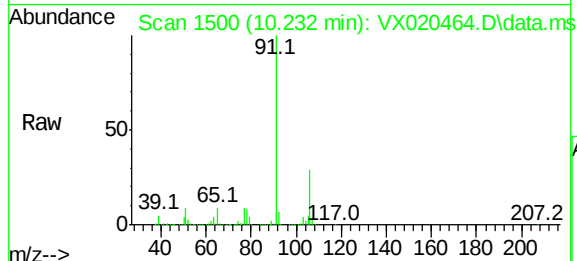




#6793 (-)
Ethyl Benzene
Concen: 18.22 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

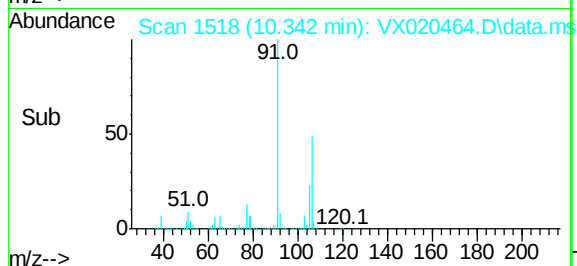
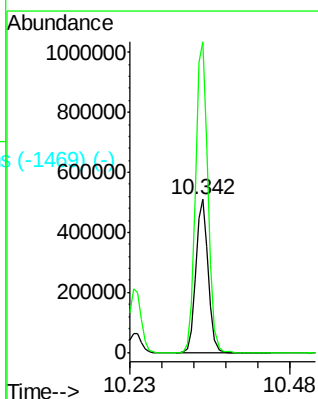
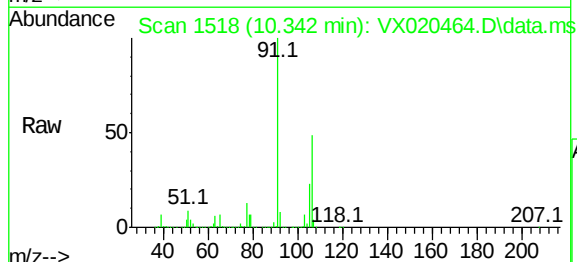
Instrument :
MSVOA_X
ClientSampleId :
31364

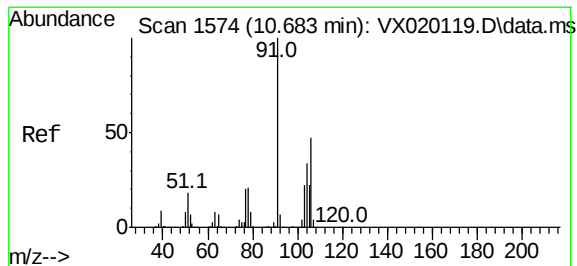
Tgt Ion: 91 Resp: 276339
Ion Ratio Lower Upper
91 100
106 29.1 24.6 37.0



#6811 (-)
m/p-Xylenes
Concen: 119.40 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. 0.001 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

Tgt Ion:106 Resp: 676171
Ion Ratio Lower Upper
106 100
91 205.4 162.8 244.2

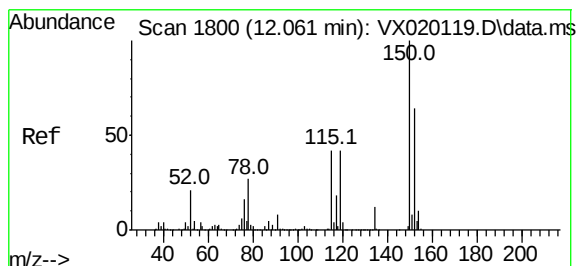
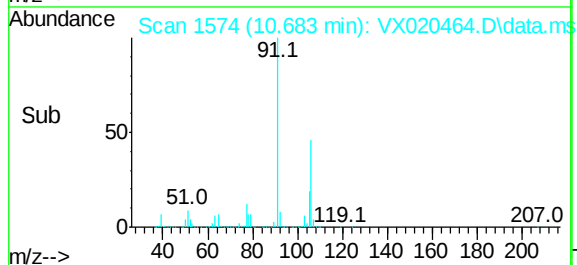
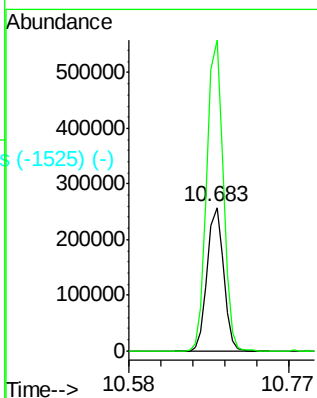
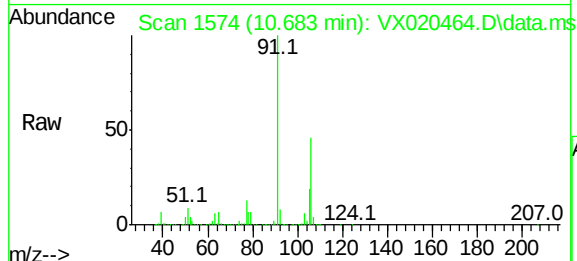




#697 (-)
o-Xylene
Concen: 60.23 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

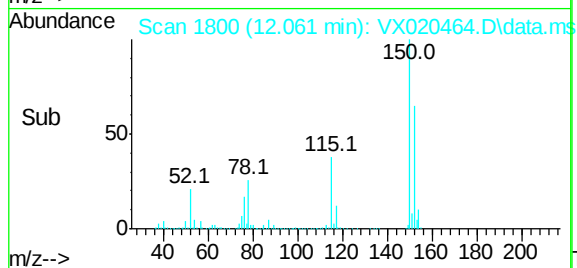
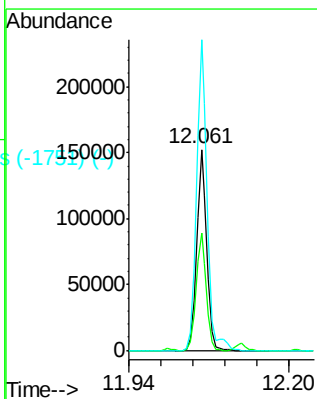
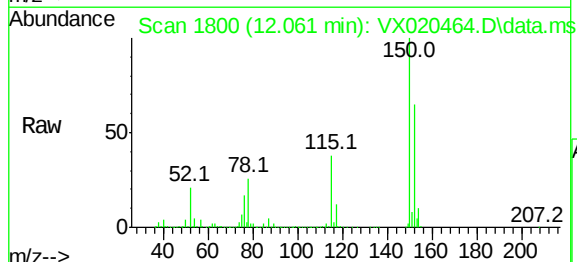
Instrument :
MSVOA_X
ClientSampleId :
31364

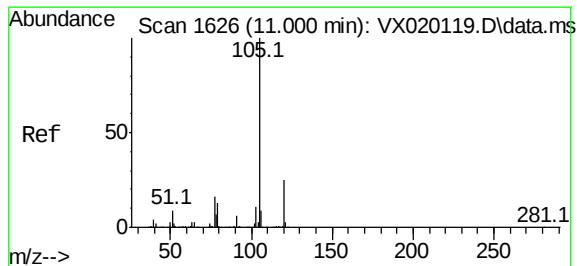
Tgt Ion:106 Resp: 328277
Ion Ratio Lower Upper
106 100
91 218.3 108.1 324.2



#724 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

Tgt Ion:152 Resp: 179857
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 163.3 0.0 349.0

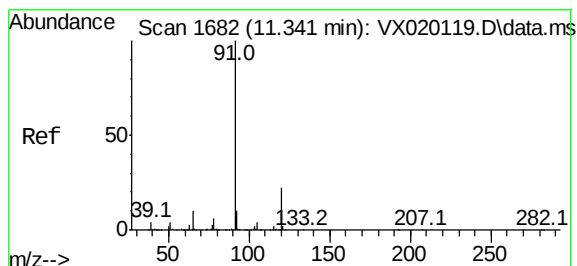
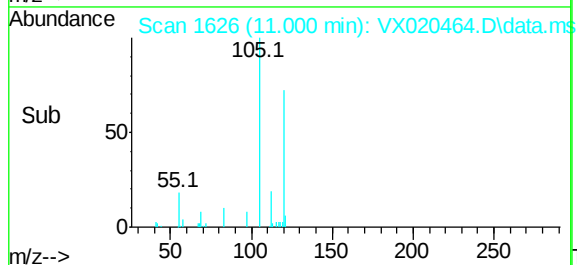
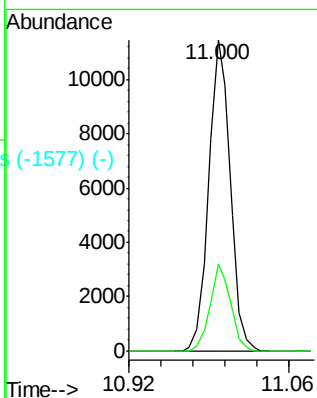
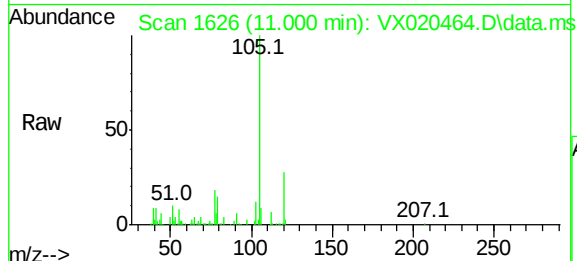




#1618 (-)
Isopropylbenzene
Concen: 1.13 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

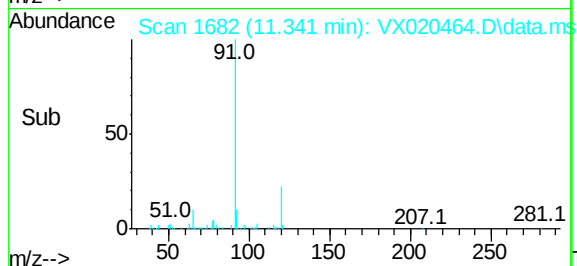
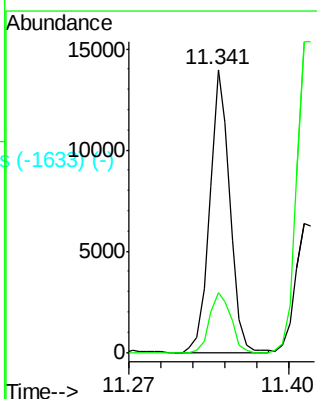
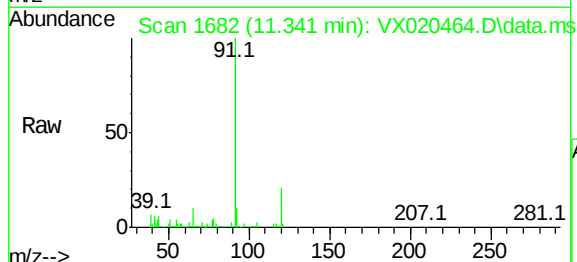
Instrument :
MSVOA_X
ClientSampleId :
31364

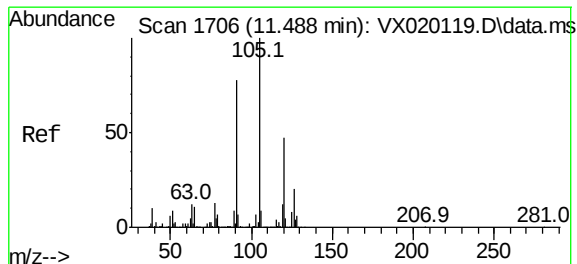
Tgt Ion: 105 Resp: 14677
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#1677 (-)
n-propylbenzene
Concen: 1.11 ug/l
RT: 11.341 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

Tgt Ion: 91 Resp: 16638
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.5

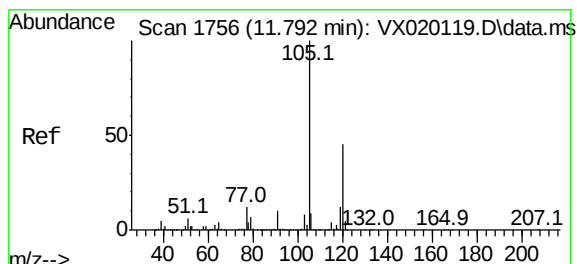
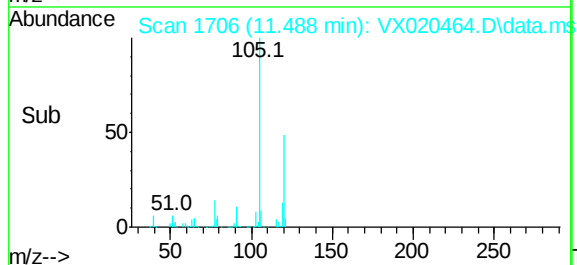
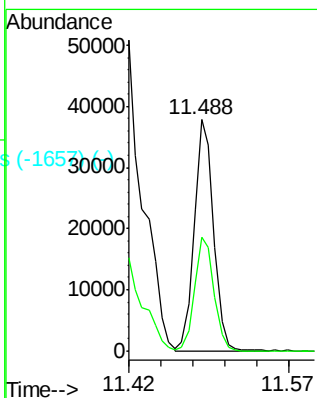
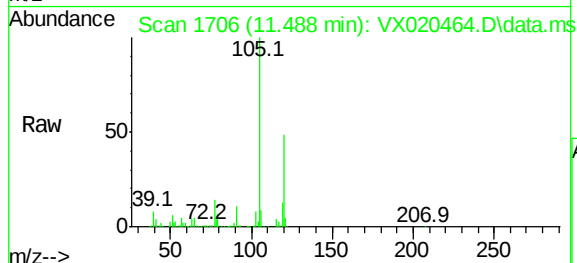




#8900 (-)
 1,3,5-Trimethylbenzene
 Concen: 4.21 ug/l
 RT: 11.488 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: VX020464.D
 Acq: 30 Dec 2020 18:28

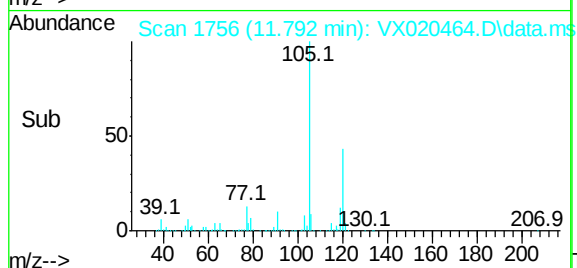
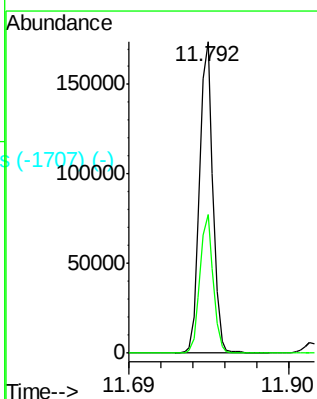
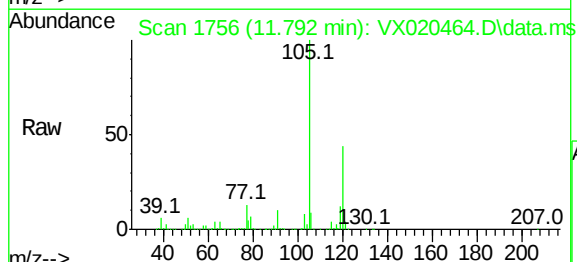
Instrument :
 MSVOA_X
 ClientSampled :
 31364

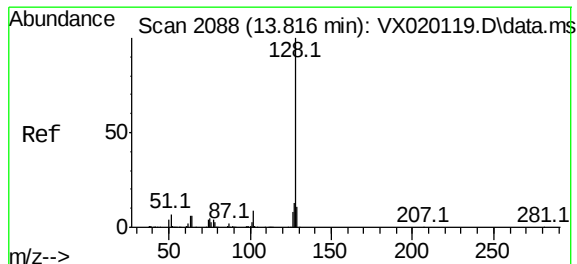
Tgt Ion:105 Resp: 46341
 Ion Ratio Lower Upper
 105 100
 120 49.5 23.8 71.5



#8745 (-)
 1,2,4-Trimethylbenzene
 Concen: 18.61 ug/l
 RT: 11.792 min Scan# 1756
 Delta R.T. 0.000 min
 Lab File: VX020464.D
 Acq: 30 Dec 2020 18:28

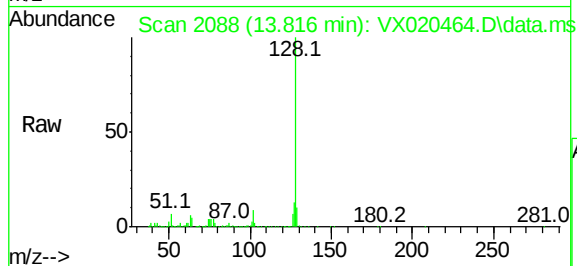
Tgt Ion:105 Resp: 207803
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.3





#95 (-)
Naphthalene
Concen: 8.47 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VX020464.D
Acq: 30 Dec 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
31364



Tgt Ion:128 Resp: 105299

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.2	8.8	13.2

