

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
 Data File : VX021227.D
 Acq On : 16 Mar 2021 02:41
 Operator : JC/MD
 Sample : M1665-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41739

Quant Time: Mar 16 04:43:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 15 11:55:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

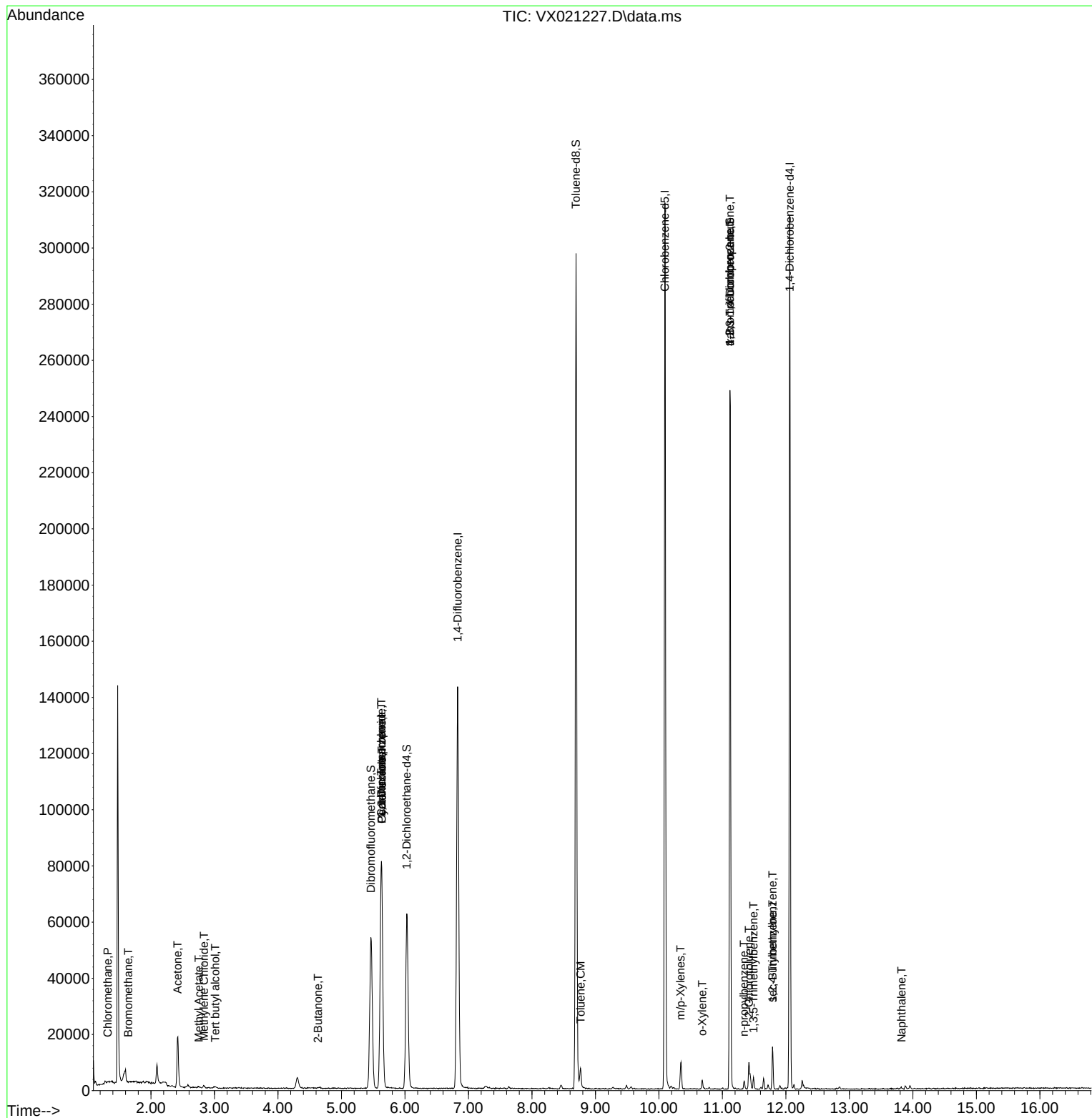
Internal Standards						
1) Pentafluorobenzene	5.635	168	68729	50.00	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.829	114	129959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	128640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	54174	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	60724	51.81	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.62%			
35) Dibromofluoromethane	5.464	113	45175	50.52	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.04%			
50) Toluene-d8	8.694	98	163354	50.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.72%			
62) 4-Bromofluorobenzene	11.118	95	67481	55.13	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.26%			
Target Compounds						Qvalue
3) Chloromethane	1.317	50	181	0.20	ug/l	96
5) Bromomethane	1.640	94	145	0.29	ug/l	85
11) Tert butyl alcohol	3.011	59	477	2.34	ug/l #	73
16) Acetone	2.417	43	19623	41.66	ug/l #	88
18) Methyl Acetate	2.752	43	905	0.79	ug/l #	72
20) Methylene Chloride	2.835	84	314	0.35	ug/l #	74
25) 2-Butanone	4.629	43	231	0.34	ug/l #	45
31) Cyclohexane	5.635	56	2096	1.41	ug/l #	37
36) 1,1-Dichloropropene	5.629	75	6843	5.02	ug/l #	49
38) Carbon Tetrachloride	5.629	117	8077	5.40	ug/l #	15
52) Toluene	8.765	92	2031	0.88	ug/l	88
68) m/p-Xylenes	10.341	106	938	0.53	ug/l	91
69) o-Xylene	10.683	106	534	0.31	ug/l	80
76) 1,2,3-Trichloropropane	11.118	75	38046	28.32	ug/l #	39
78) n-propylbenzene	11.342	91	1816	0.38	ug/l	96
79) 2-Chlorotoluene	11.418	91	959	0.33	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.489	105	1726	0.49	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.118	75	38046	80.39	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.789	105	6026	1.70	ug/l	96
85) sec-Butylbenzene	11.789	105	6026	1.54	ug/l #	57
95) Naphthalene	13.818	128	540	1.60	ug/l #	92

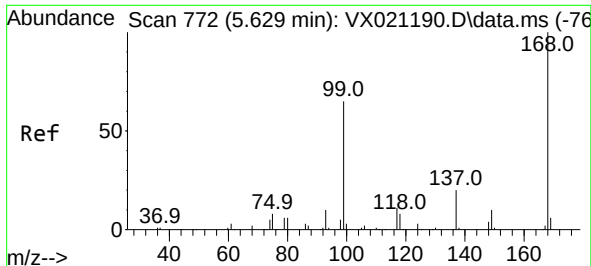
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021227.D
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Operator : JC/MD
Sample : M1665-02 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
41739

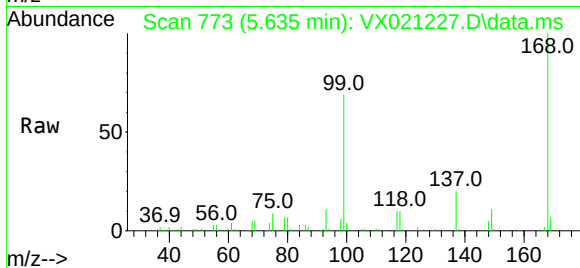
Quant Time: Mar 16 04:43:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 15 11:55:59 2021
Response via : Initial Calibration



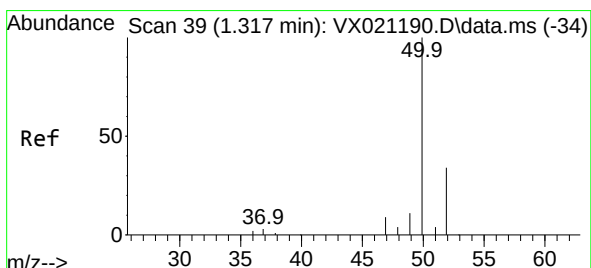
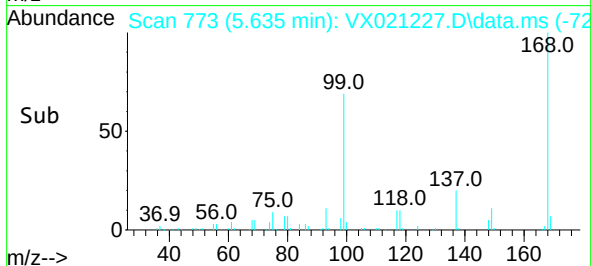
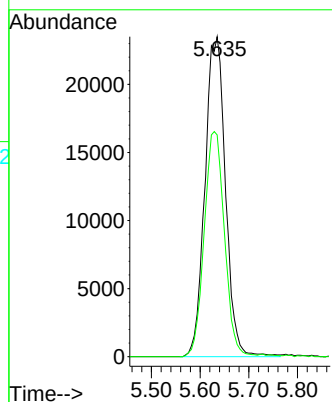


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.012 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Instrument :
MSVOA_X
ClientSampled :
41739

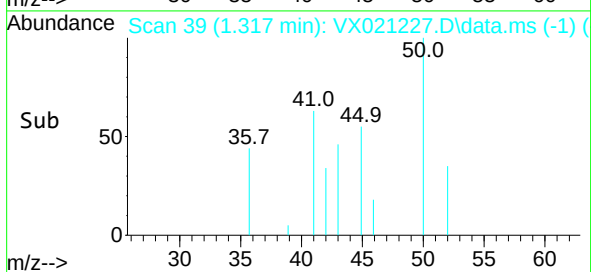
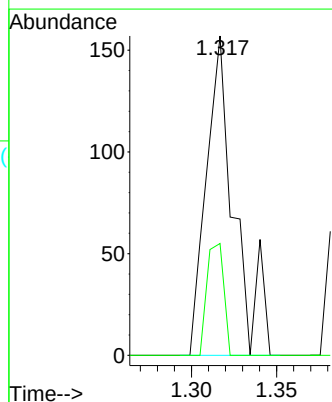
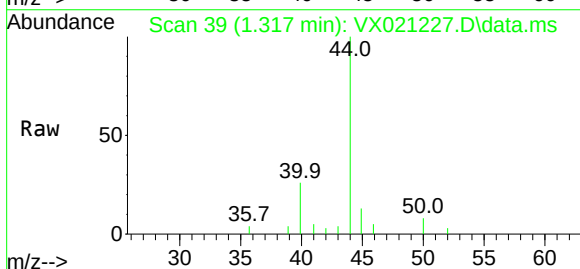


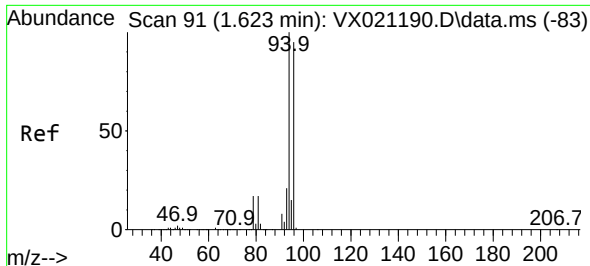
Tgt Ion:168 Resp: 68729
Ion Ratio Lower Upper
168 100
99 69.3 45.8 68.6#



#3
Chloromethane
Concen: 0.20 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

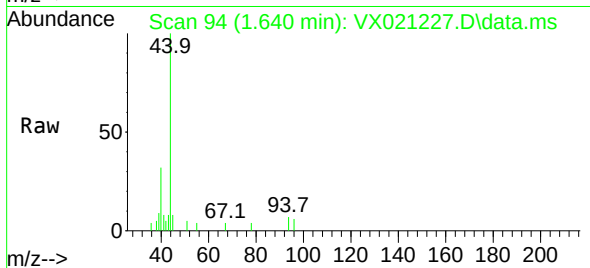
Tgt Ion: 50 Resp: 181
Ion Ratio Lower Upper
50 100
52 35.0 26.4 39.6



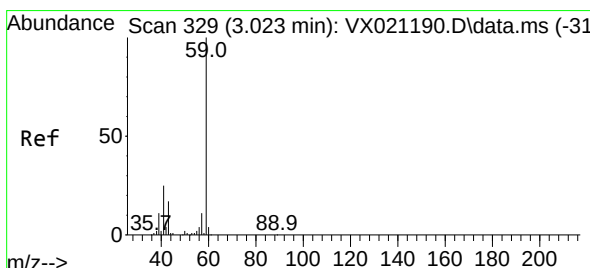
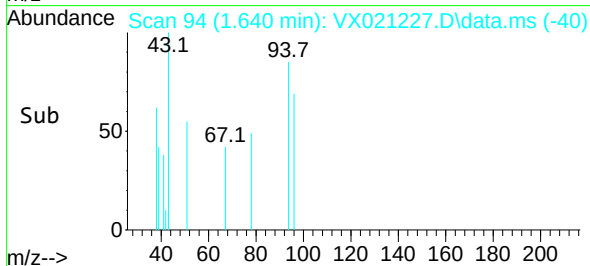
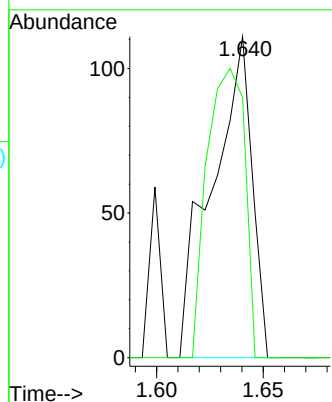


#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Instrument :
MSVOA_X
ClientSampled :
41739

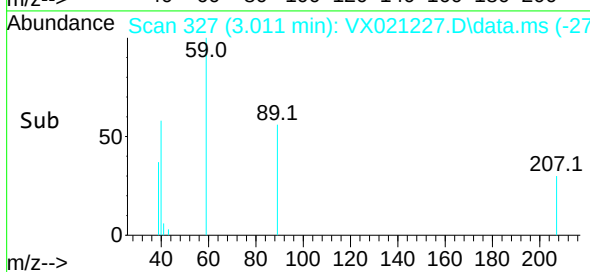
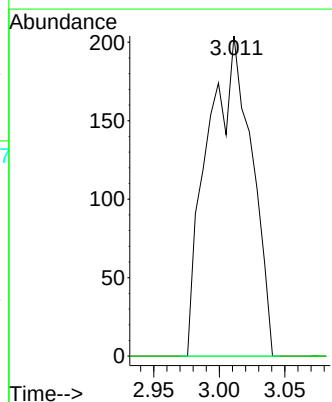
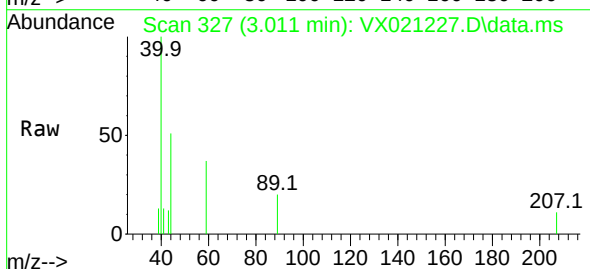


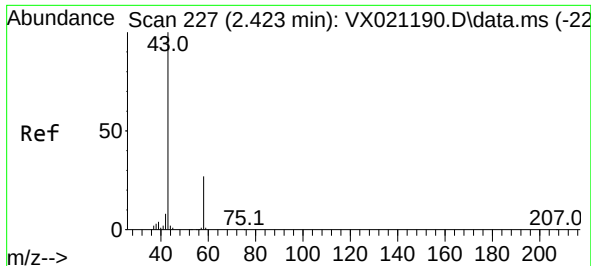
Tgt Ion: 94 Resp: 145
Ion Ratio Lower Upper
94 100
96 81.1 76.4 114.6



#11
Tert butyl alcohol
Concen: 2.34 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Tgt Ion: 59 Resp: 477
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

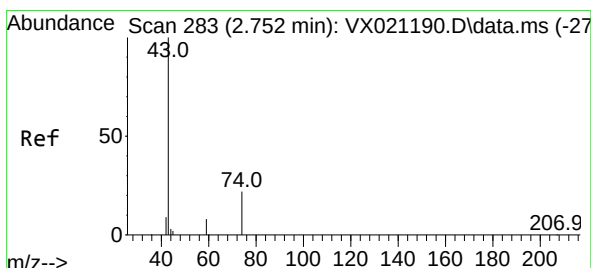
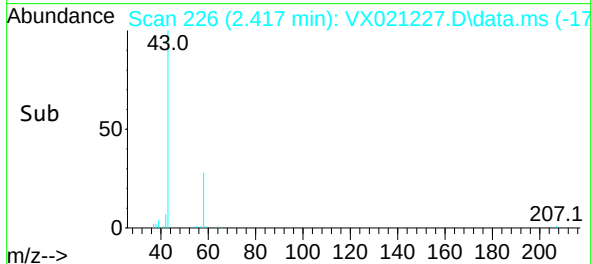
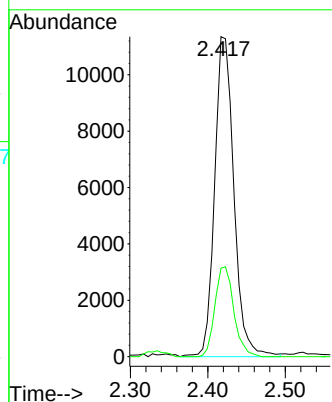
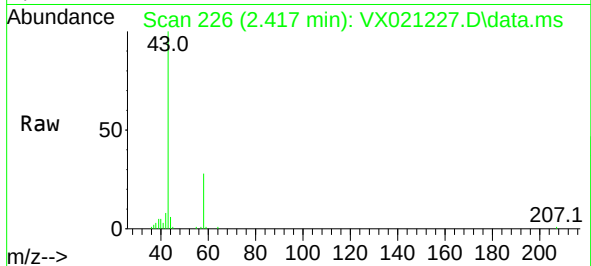




#16
Acetone
Concen: 41.66 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

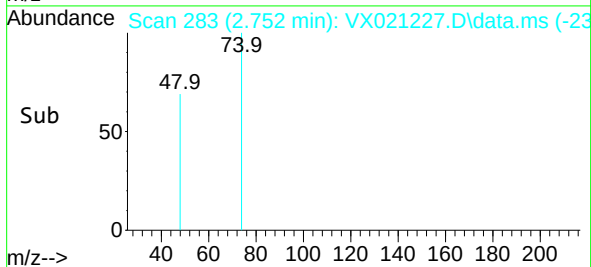
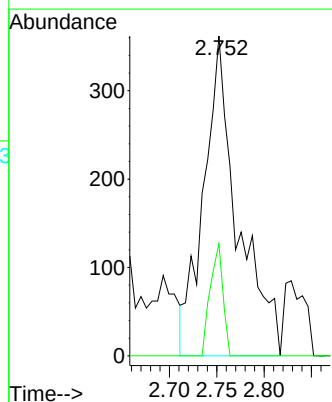
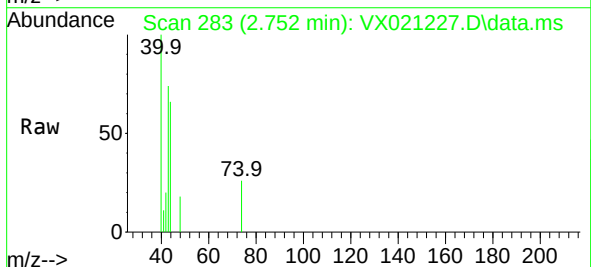
Instrument :
MSVOA_X
ClientSampleId :
41739

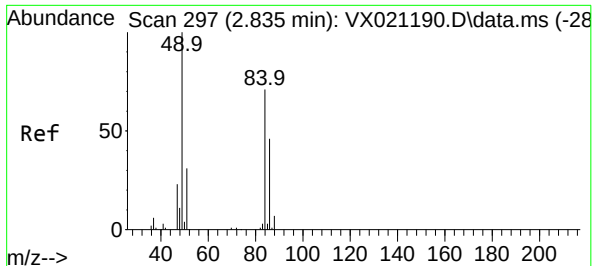
Tgt Ion: 43 Resp: 19623
Ion Ratio Lower Upper
43 100
58 27.6 27.8 41.8#



#18
Methyl Acetate
Concen: 0.79 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

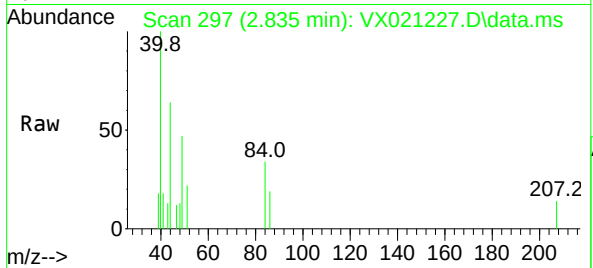
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
74 13.0 21.9 32.9#



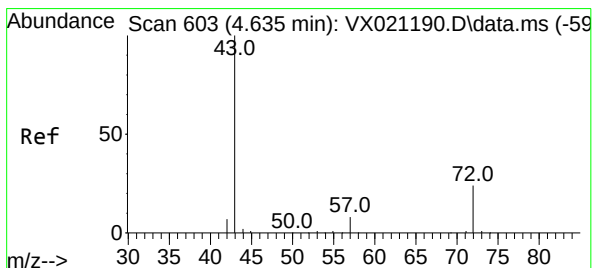
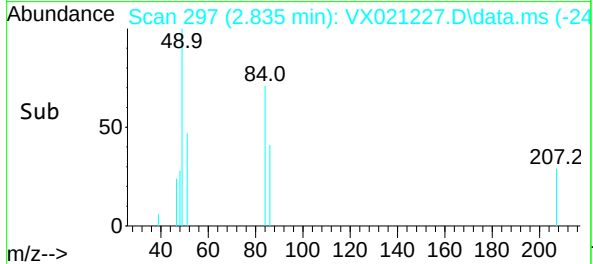
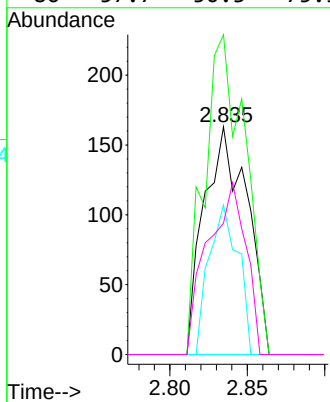


#20
Methylene Chloride
Concen: 0.35 ug/l
RT: 2.835 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Instrument :
MSVOA_X
ClientSampled :
41739

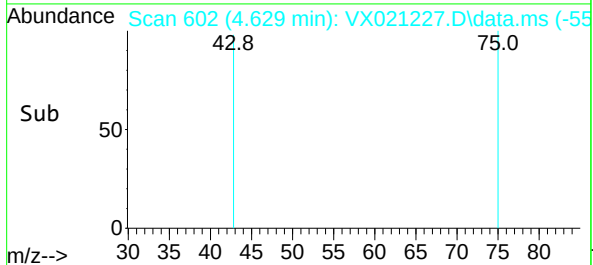
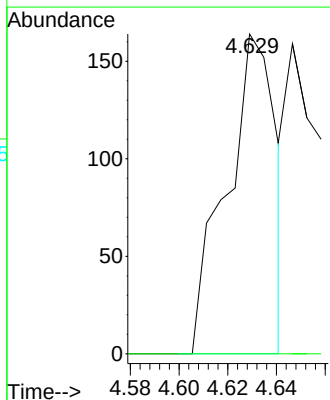
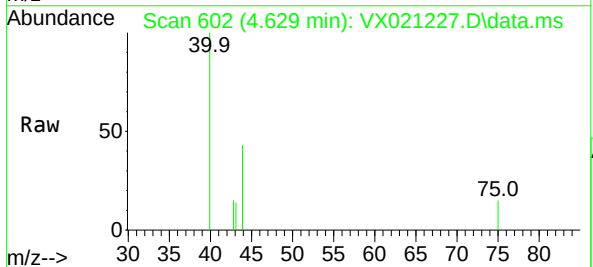


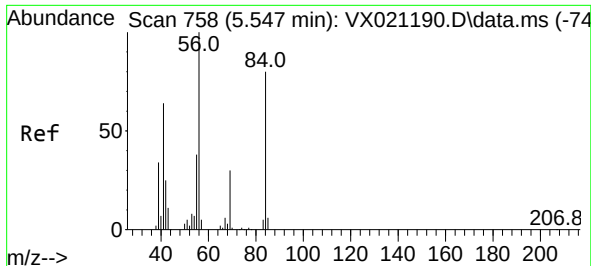
Tgt Ion:	84	Resp:	314
Ion	Ratio	Lower	Upper
84	100		
49	140.5	88.6	132.8#
51	65.6	27.0	40.6#
86	57.7	50.3	75.5



#25
2-Butanone
Concen: 0.34 ug/l
RT: 4.629 min Scan# 602
Delta R.T. -0.006 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

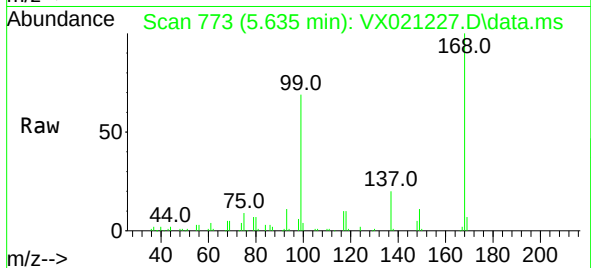
Tgt Ion:	43	Resp:	231
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#



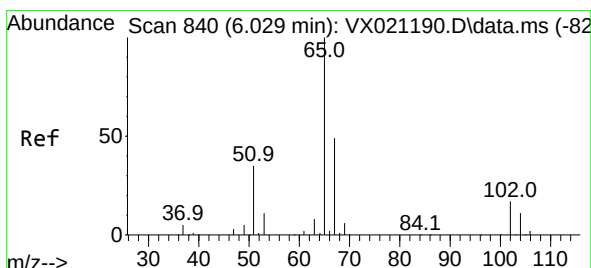
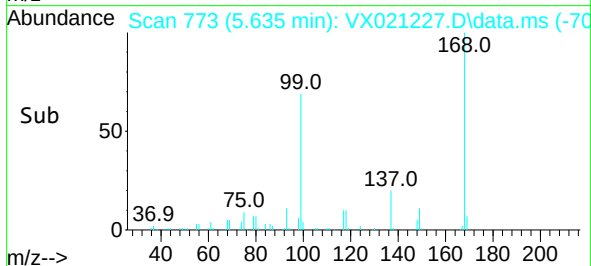
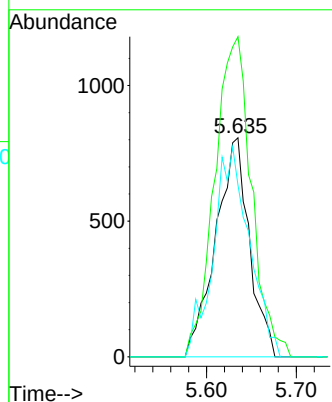


#31
Cyclohexane
Concen: 1.41 ug/l
RT: 5.635 min Scan# 773
Delta R.T. 0.088 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Instrument :
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ClientSampled :
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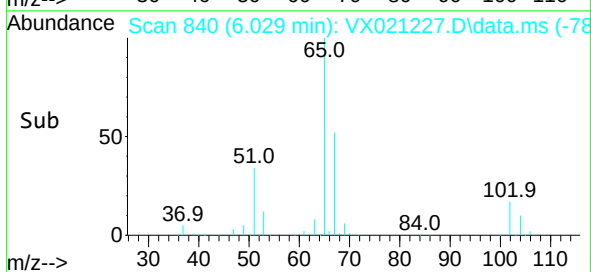
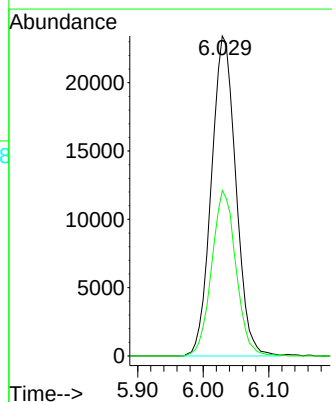
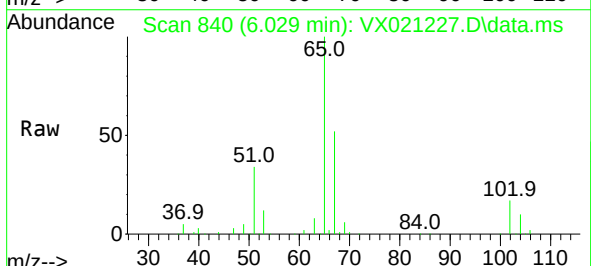


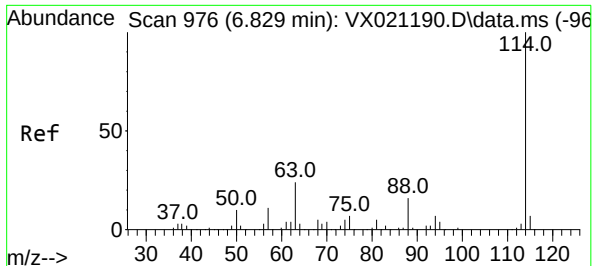
Tgt Ion: 56 Resp: 2096
Ion Ratio Lower Upper
56 100
69 146.2 25.3 37.9#
84 78.4 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.81 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Tgt Ion: 65 Resp: 60724
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

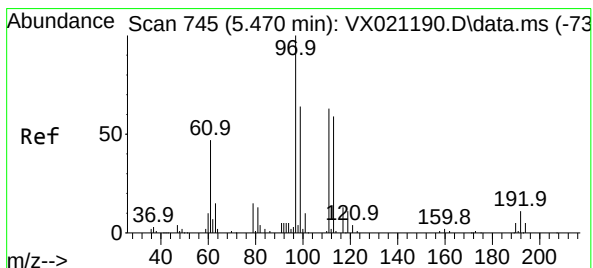
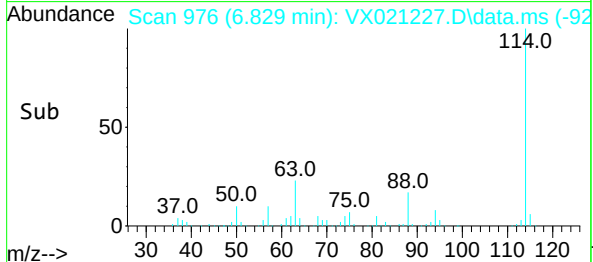
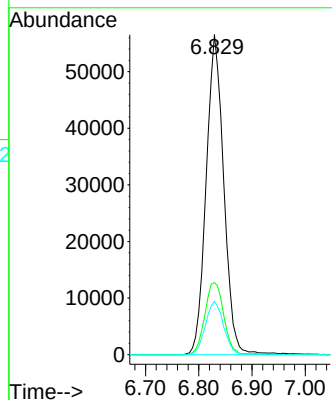
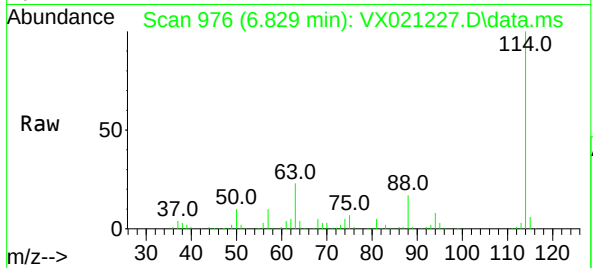




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

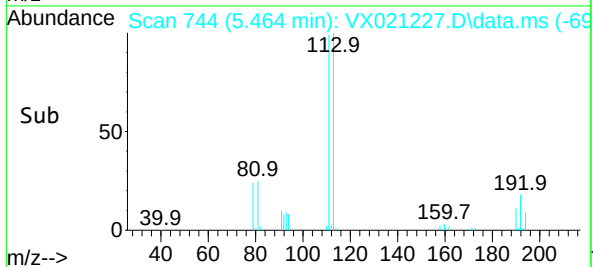
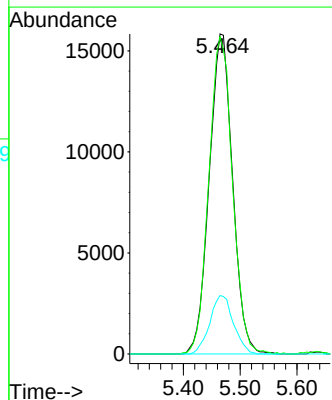
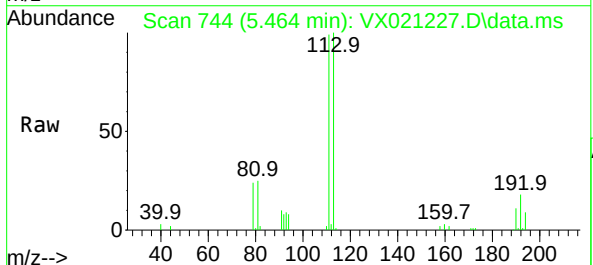
Instrument :
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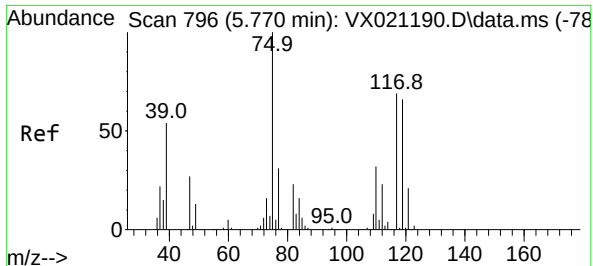
Tgt Ion:114 Resp: 129959
Ion Ratio Lower Upper
114 100
63 22.5 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.52 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Tgt Ion:113 Resp: 45175
Ion Ratio Lower Upper
113 100
111 100.3 81.9 122.9
192 18.5 16.7 25.1

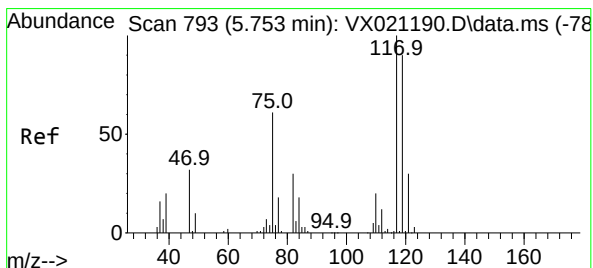
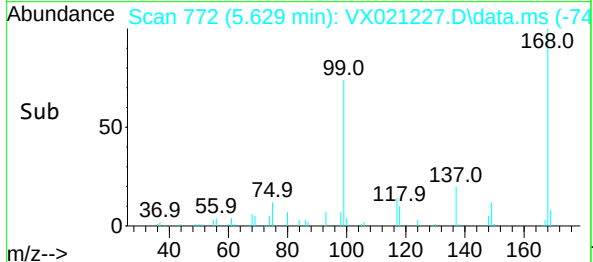
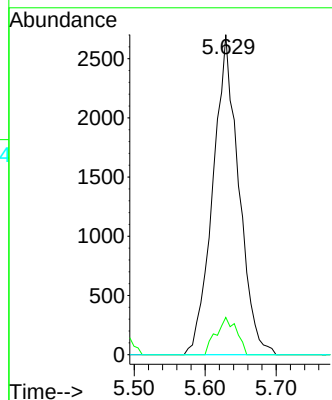
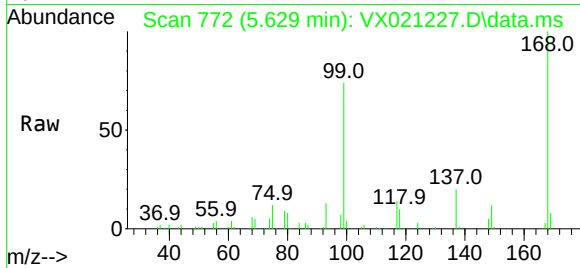




#36
1,1-Dichloropropene
Concen: 5.02 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

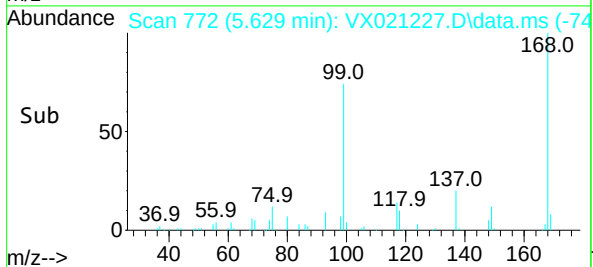
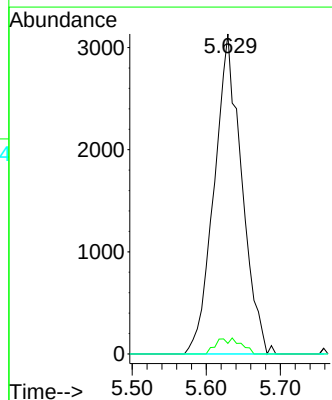
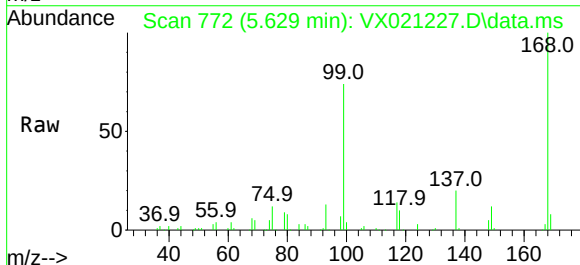
Instrument :
MSVOA_X
ClientSampled :
41739

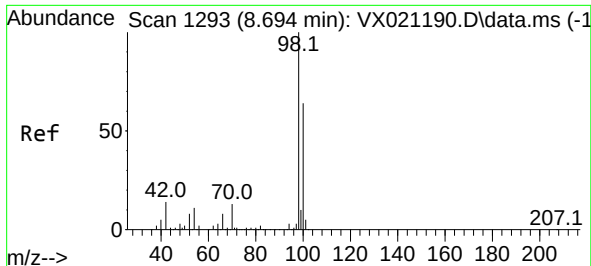
Tgt Ion: 75 Resp: 6843
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.123 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Tgt Ion: 117 Resp: 8077
Ion Ratio Lower Upper
117 100
119 3.3 76.2 114.2#
121 0.0 24.8 37.2#

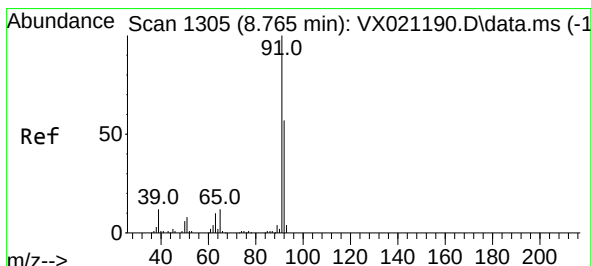
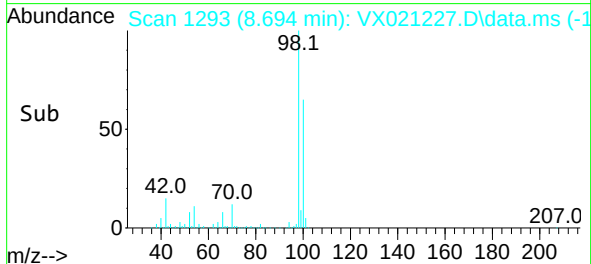
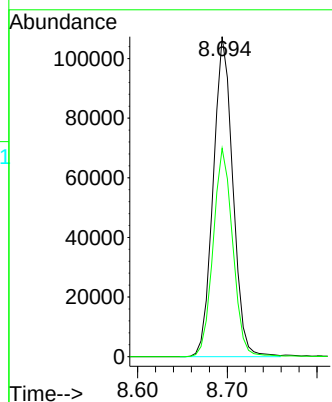
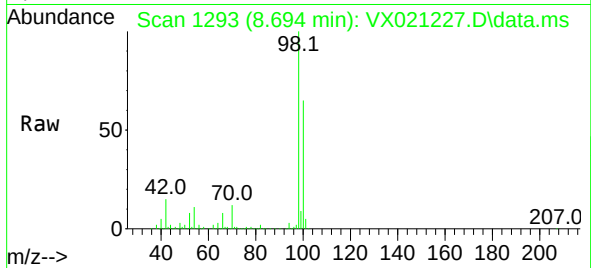




#50
Toluene-d8
Concen: 50.86 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

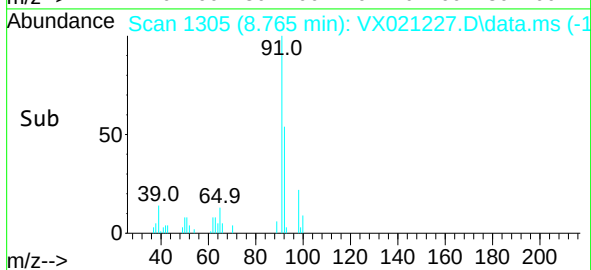
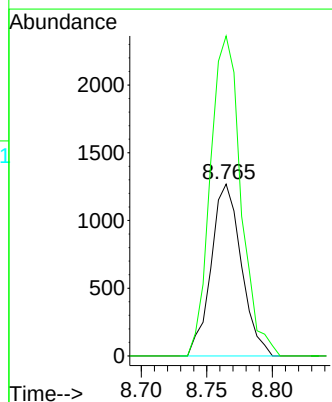
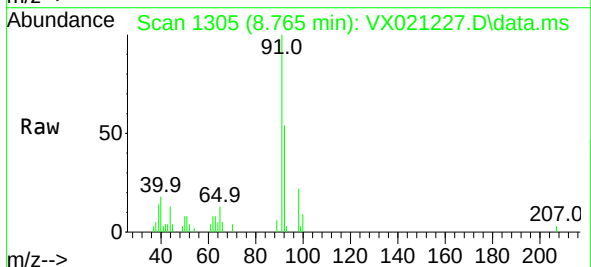
Instrument :
MSVOA_X
ClientSampled :
41739

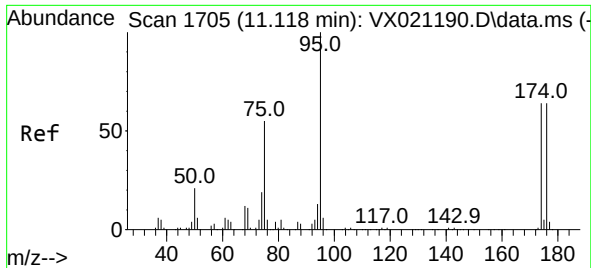
Tgt Ion: 98 Resp: 163354
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#52
Toluene
Concen: 0.88 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Tgt Ion: 92 Resp: 2031
Ion Ratio Lower Upper
92 100
91 188.5 137.1 205.7

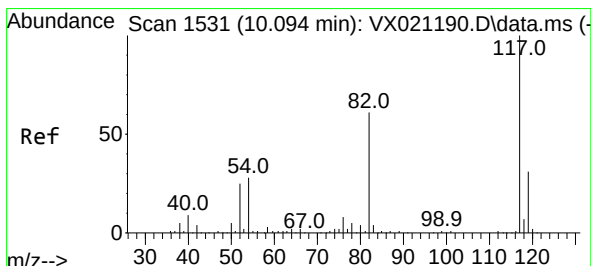
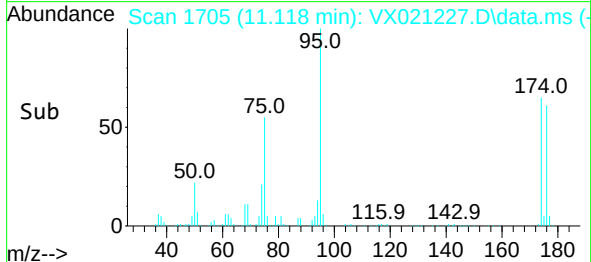
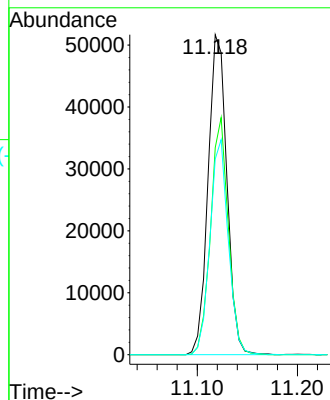
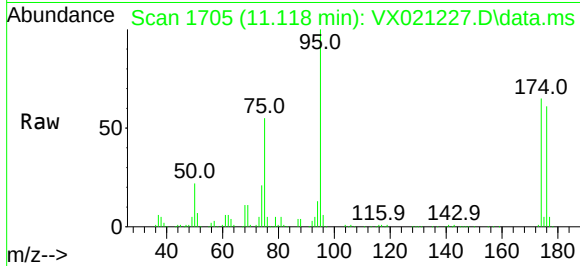




#62
4-Bromofluorobenzene
Concen: 55.13 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

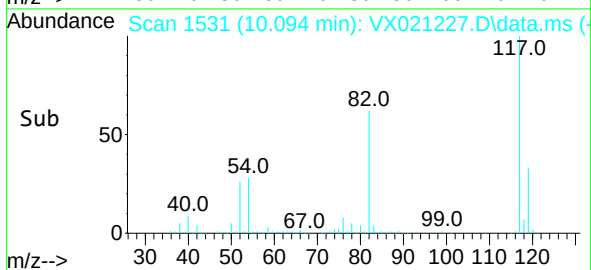
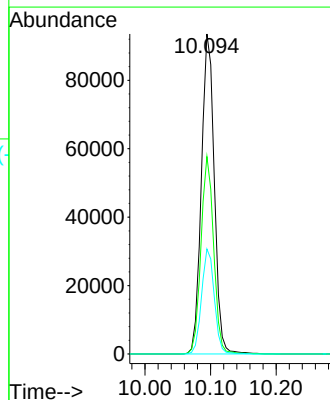
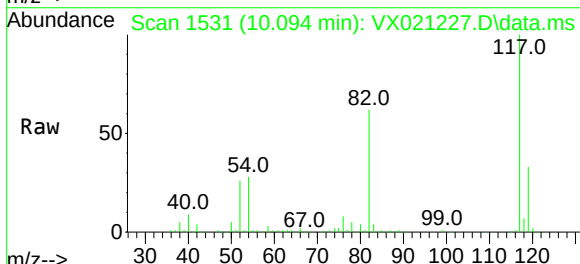
Instrument :
MSVOA_X
ClientSampled :
41739

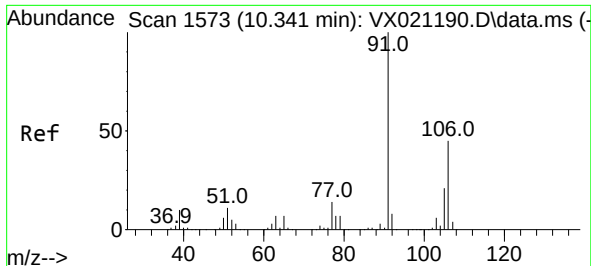
Tgt Ion: 95 Resp: 67481
Ion Ratio Lower Upper
95 100
174 70.0 0.0 154.6
176 65.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Tgt Ion: 117 Resp: 128640
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 32.8 26.6 39.8

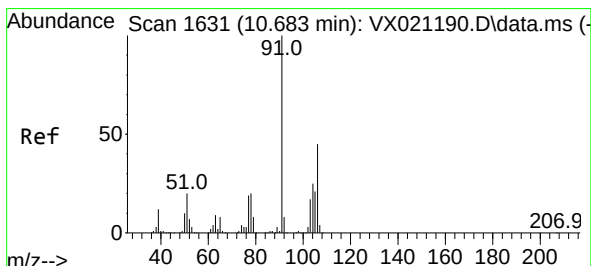
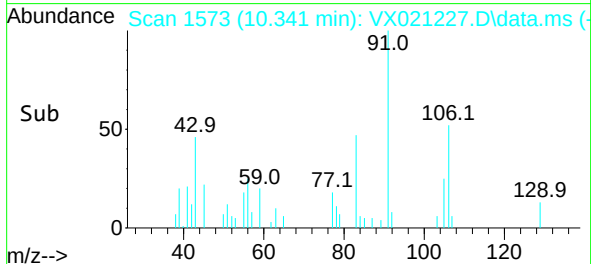
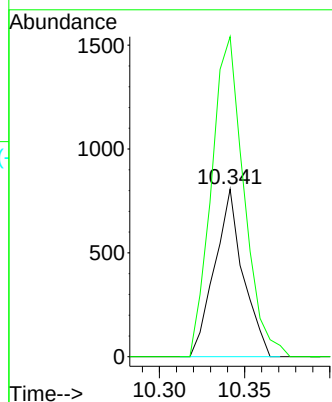
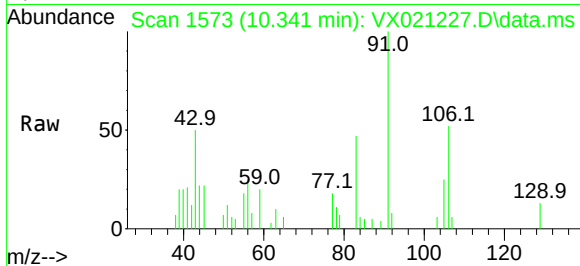




#68
m/p-Xylenes
Concen: 0.53 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

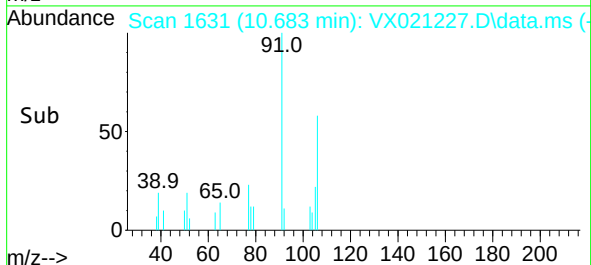
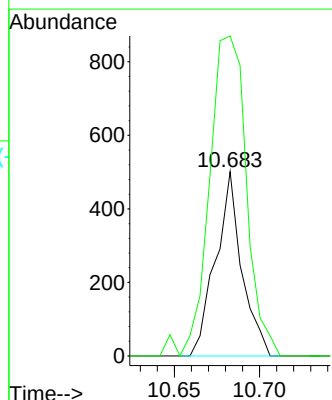
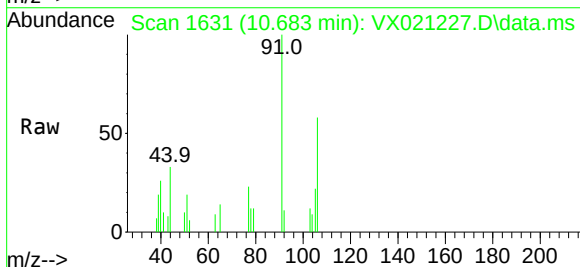
Instrument :
MSVOA_X
ClientSampled :
41739

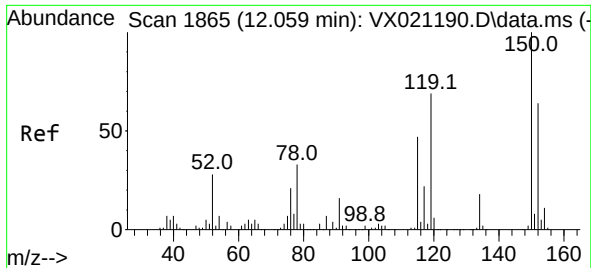
Tgt Ion:106 Resp: 938
Ion Ratio Lower Upper
106 100
91 217.8 162.8 244.2



#69
o-Xylene
Concen: 0.31 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Tgt Ion:106 Resp: 534
Ion Ratio Lower Upper
106 100
91 247.2 108.1 324.2

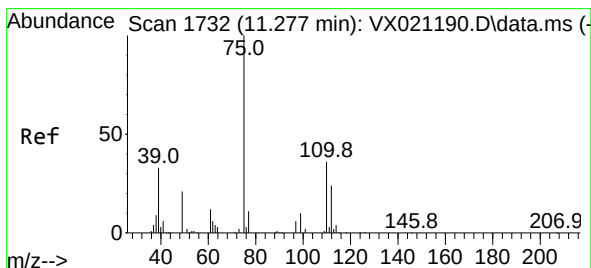
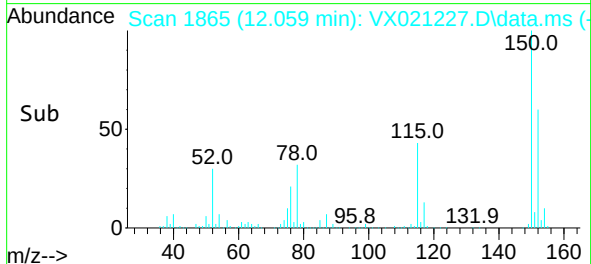
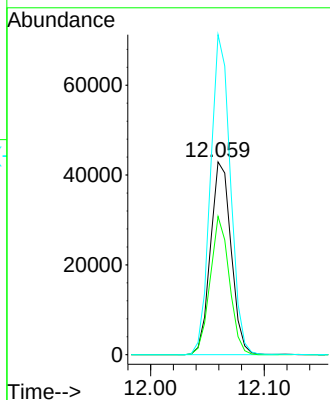
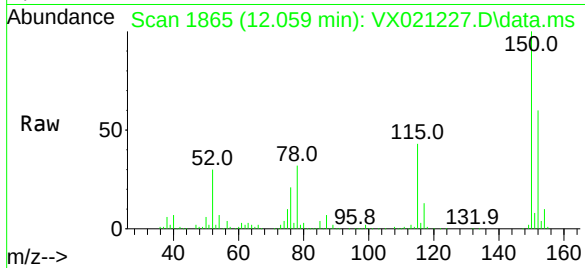




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

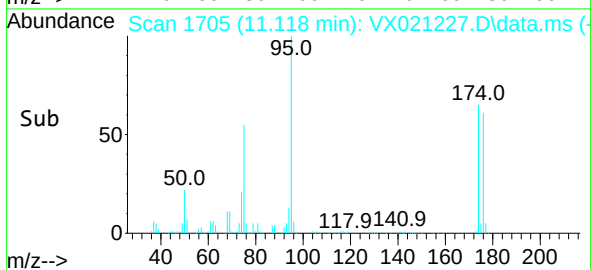
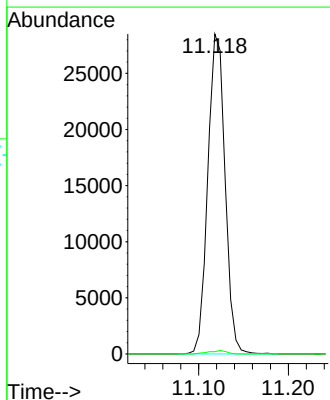
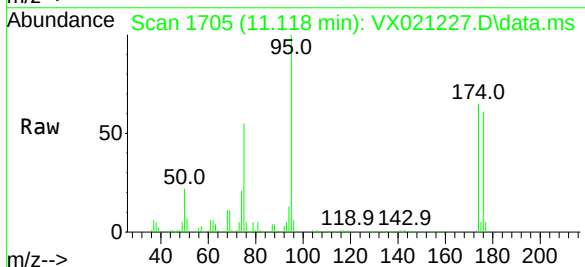
Instrument :
MSVOA_X
ClientSampled :
41739

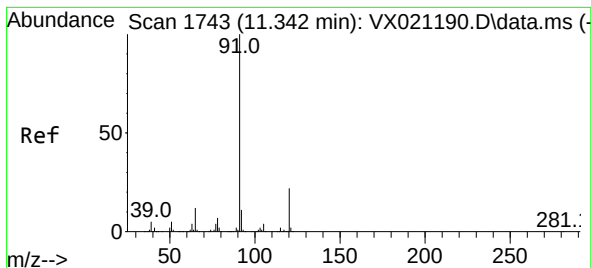
Tgt Ion:152 Resp: 54174
Ion Ratio Lower Upper
152 100
115 66.6 41.1 123.3
150 160.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 28.32 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Tgt Ion: 75 Resp: 38046
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

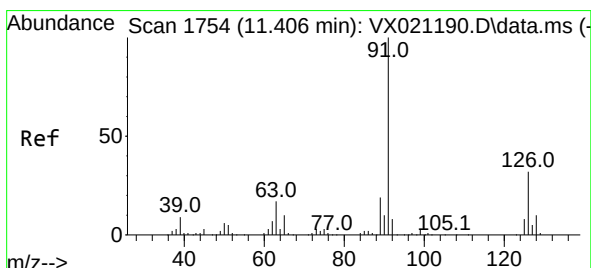
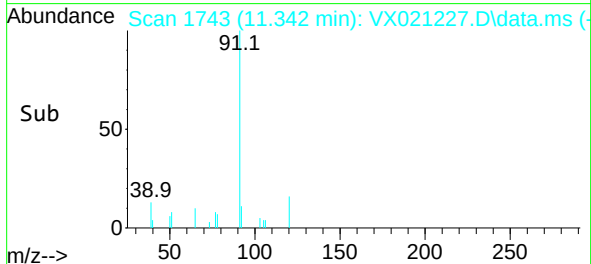
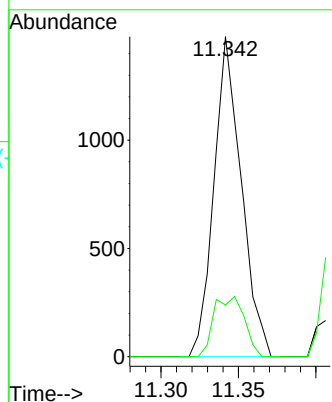
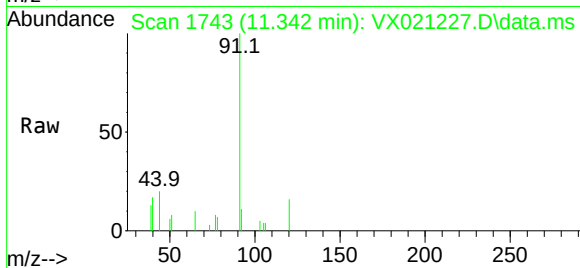




#78
n-propylbenzene
Concen: 0.38 ug/l
RT: 11.342 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

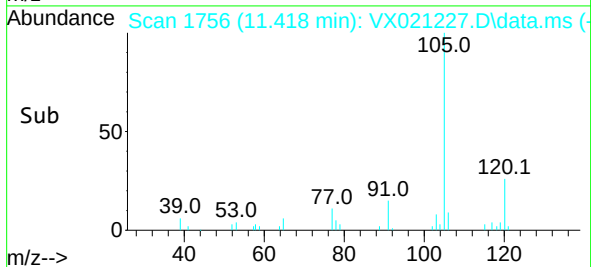
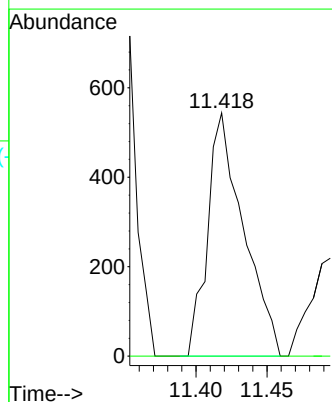
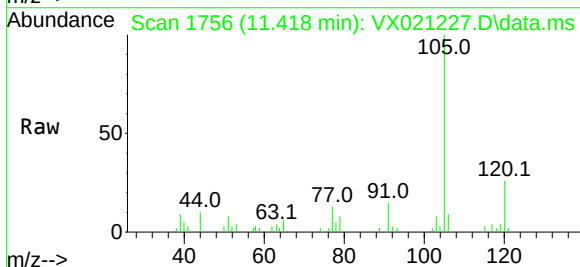
Instrument :
MSVOA_X
ClientSampled :
41739

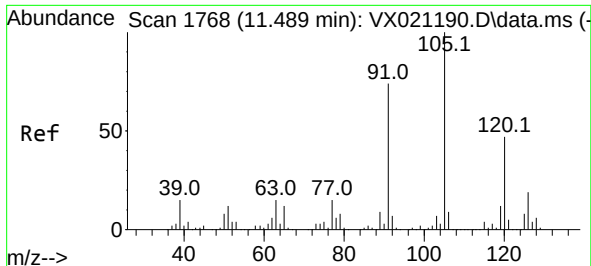
Tgt Ion: 91 Resp: 1816
Ion Ratio Lower Upper
91 100
120 21.0 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.33 ug/l
RT: 11.418 min Scan# 1756
Delta R.T. 0.018 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Tgt Ion: 91 Resp: 959
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#

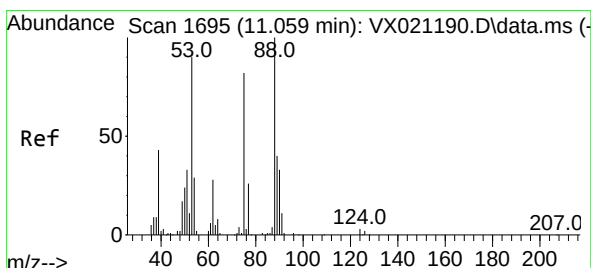
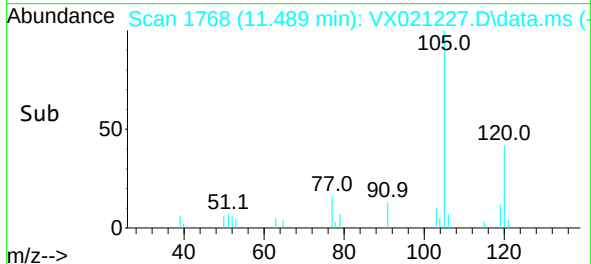
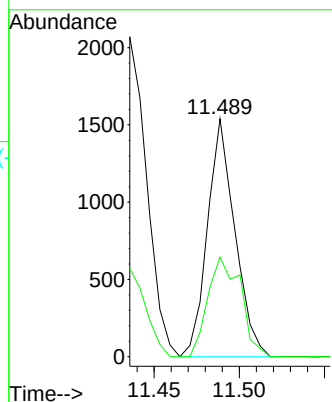
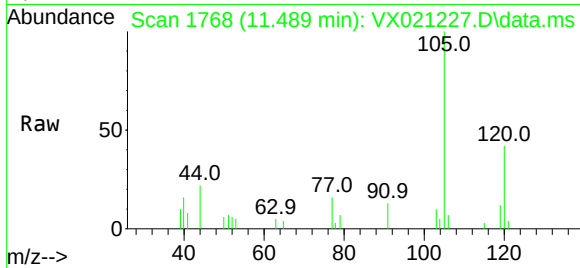




#80
1,3,5-Trimethylbenzene
Concen: 0.49 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

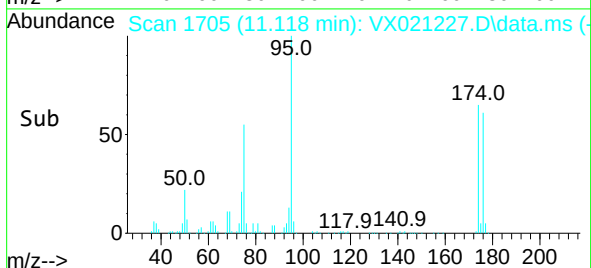
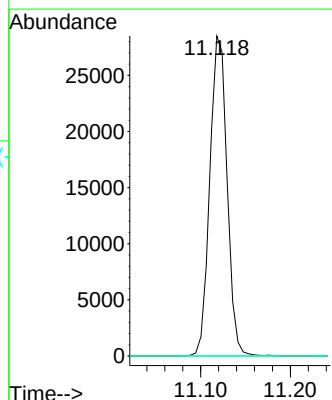
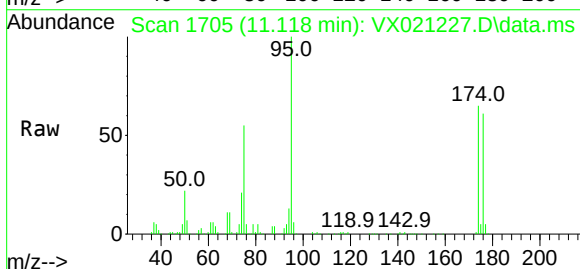
Instrument :
MSVOA_X
ClientSampled :
41739

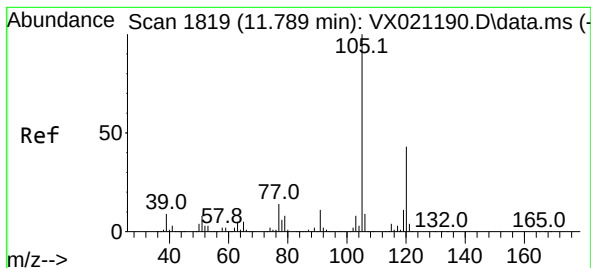
Tgt Ion:105 Resp: 1726
Ion Ratio Lower Upper
105 100
120 50.1 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 80.39 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Tgt Ion: 75 Resp: 38046
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#84

1,2,4-Trimethylbenzene

Concen: 1.70 ug/l

RT: 11.789 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VX021227.D

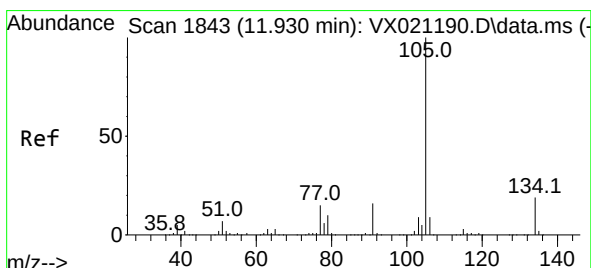
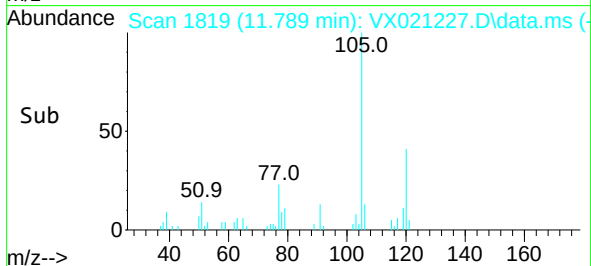
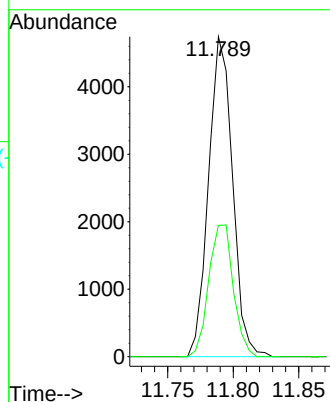
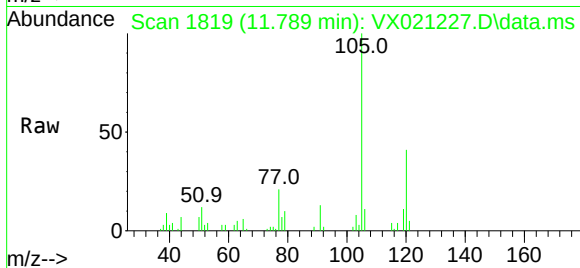
Acq: 16 Mar 2021 02:41

Tgt Ion:105 Resp: 6026

Ion Ratio Lower Upper

105 100

120 42.2 22.4 67.3



#85

sec-Butylbenzene

Concen: 1.54 ug/l

RT: 11.789 min Scan# 1819

Delta R.T. -0.141 min

Lab File: VX021227.D

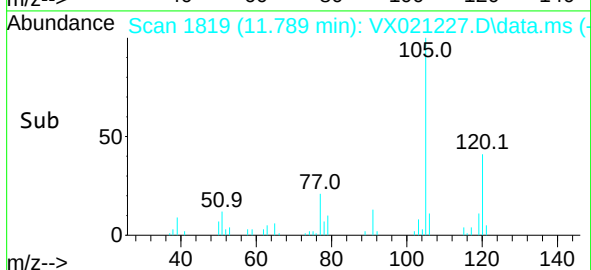
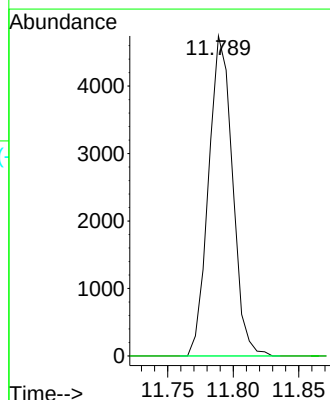
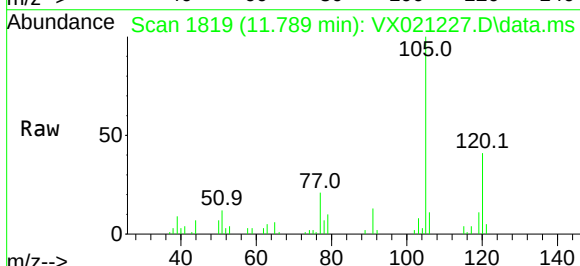
Acq: 16 Mar 2021 02:41

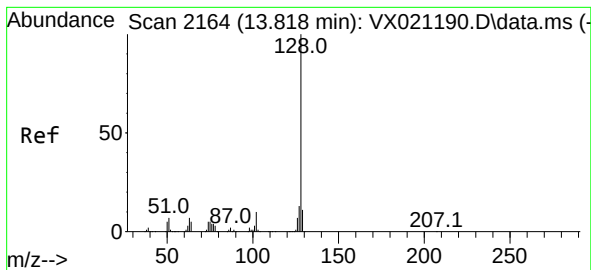
Tgt Ion:105 Resp: 6026

Ion Ratio Lower Upper

105 100

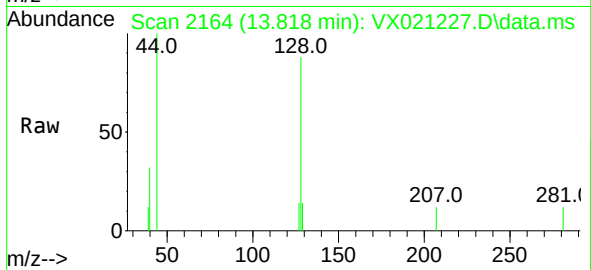
134 0.0 10.0 29.8#





#95
Naphthalene
Concen: 1.60 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021227.D
Acq: 16 Mar 2021 02:41

Instrument :
MSVOA_X
ClientSampleId :
41739



Tgt Ion:128 Resp: 540
Ion Ratio Lower Upper
128 100
127 9.6 10.3 15.5#
129 8.1 8.8 13.2#

