

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
 Data File : VX021255.D
 Acq On : 16 Mar 2021 19:30
 Operator : JC/MD
 Sample : M1690-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 17 02:43:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

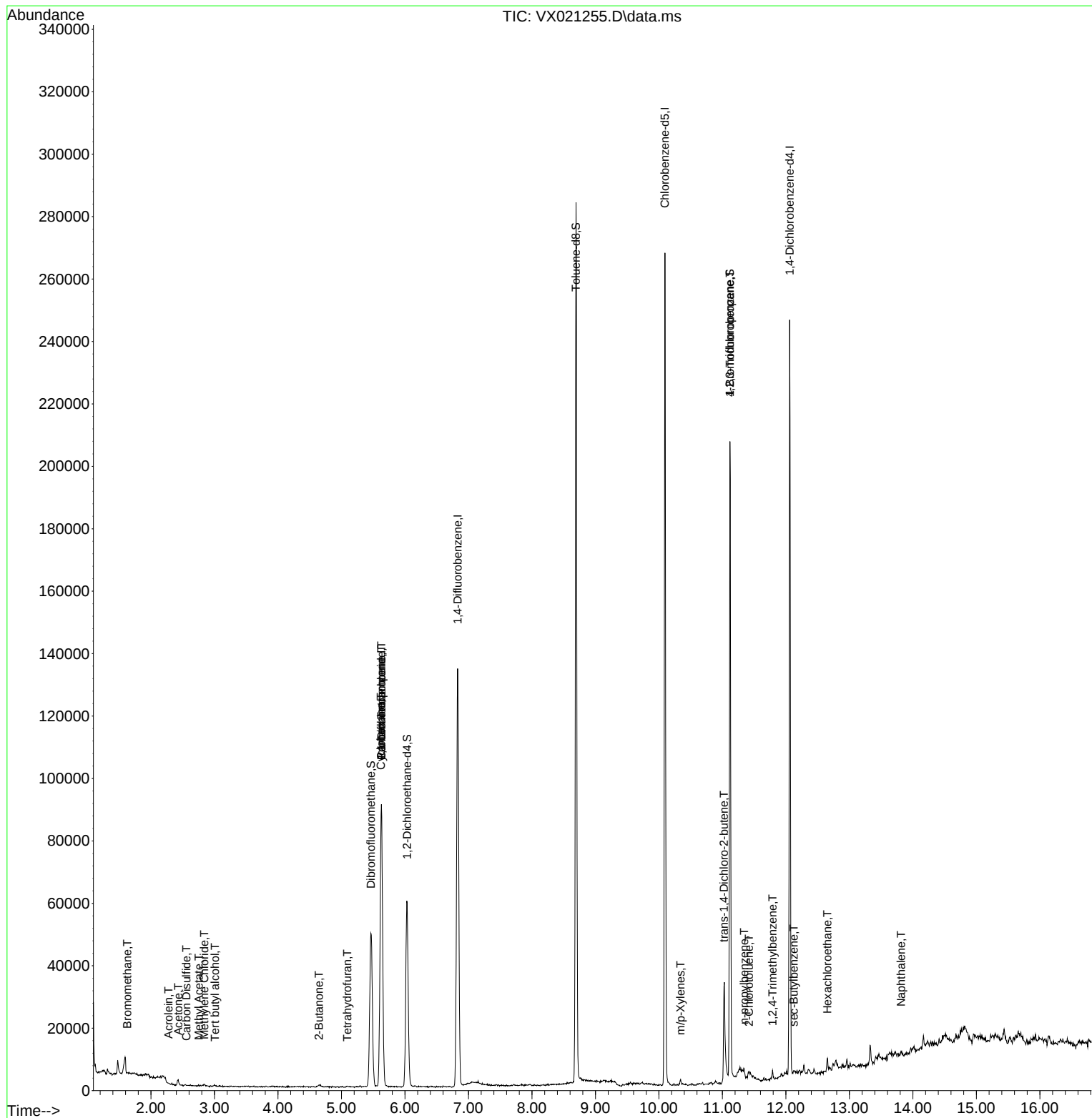
Internal Standards						
1) Pentafluorobenzene	5.629	168	77498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	123835	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	105745	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	43172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	58600	46.10	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.20%		
35) Dibromofluoromethane	5.464	113	41627	49.40	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.80%		
50) Toluene-d8	8.694	98	153376	50.17	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.34%		
62) 4-Bromofluorobenzene	11.118	95	54502	45.90	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.80%		
Target Compounds					Qvalue	
3) Chloromethane	1.317	50	2774	Below Cal		97
5) Bromomethane	1.628	94	158	0.38 ug/l #		78
11) Tert butyl alcohol	3.005	59	222	1.04 ug/l #		73
13) Acrolein	2.276	56	352	5.85 ug/l #		47
16) Acetone	2.429	43	2147	4.59 ug/l		100
17) Carbon Disulfide	2.558	76	244	0.64 ug/l #		75
18) Methyl Acetate	2.752	43	325	0.25 ug/l #		47
20) Methylene Chloride	2.840	84	337	0.35 ug/l #		77
25) 2-Butanone	4.646	43	207	0.29 ug/l #		45
29) Tetrahydrofuran	5.094	42	199	0.42 ug/l #		27
31) Cyclohexane	5.623	56	2346	1.53 ug/l #		39
36) 1,1-Dichloropropene	5.629	75	7031	5.64 ug/l #		49
38) Carbon Tetrachloride	5.629	117	8488	6.55 ug/l #		16
49) 1,4-Dioxane	7.717	88	238	Below Cal		48
68) m/p-Xylenes	10.341	106	342	0.24 ug/l #		57
76) 1,2,3-Trichloropropane	11.118	75	30592	30.55 ug/l #		40
78) n-propylbenzene	11.341	91	948	0.25 ug/l		89
79) 2-Chlorotoluene	11.418	91	562	0.25 ug/l #		41
81) trans-1,4-Dichloro-2-b...	11.024	75	1635	4.43 ug/l #		31
84) 1,2,4-Trimethylbenzene	11.789	105	1124	0.41 ug/l		93
85) sec-Butylbenzene	12.124	105	646	0.21 ug/l		79
90) Hexachloroethane	12.653	117	282	0.66 ug/l #		9
95) Naphthalene	13.812	128	844	0.28 ug/l #		67

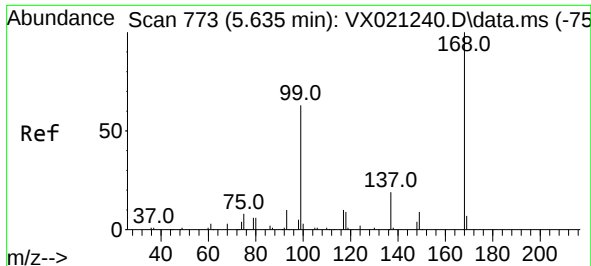
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031621\
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Sample : M1690-01 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 17 02:43:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 16 14:00:21 2021
Response via : Initial Calibration

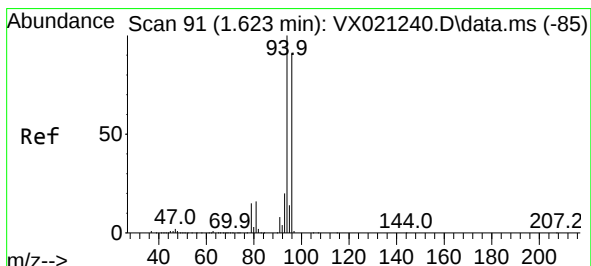
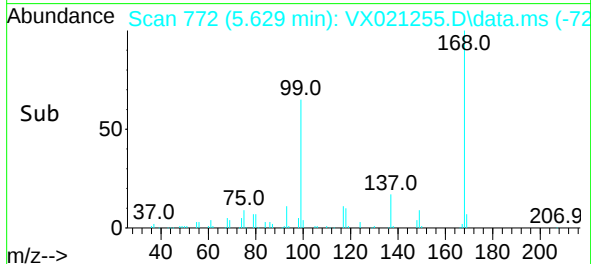
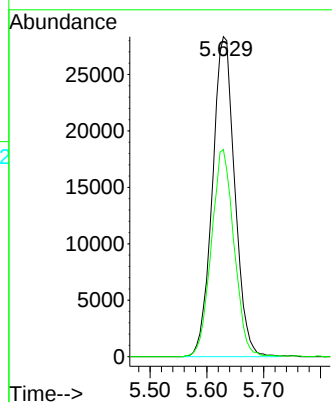
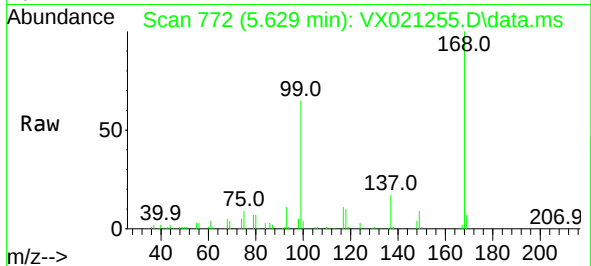




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

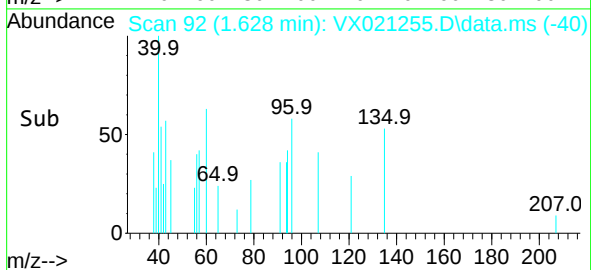
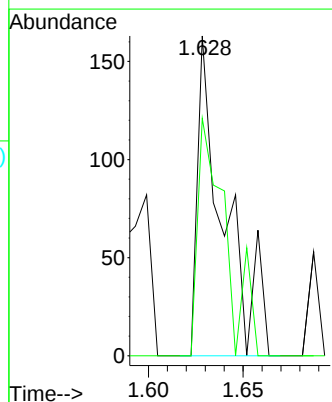
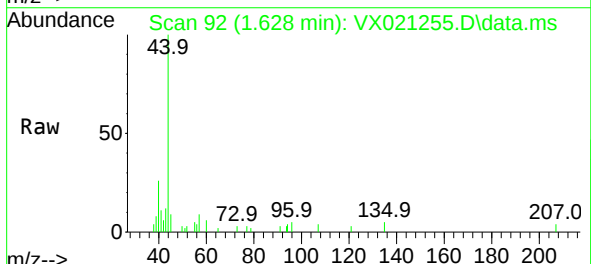
Instrument :
MSVOA_X
ClientSampleId :

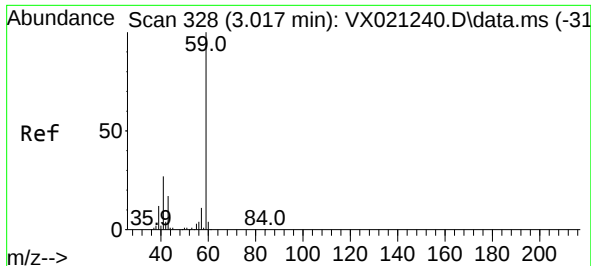
Tgt Ion:168 Resp: 77498
Ion Ratio Lower Upper
168 100
99 64.8 45.8 68.6



#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

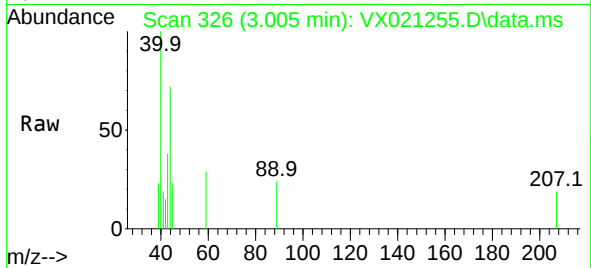
Tgt Ion: 94 Resp: 158
Ion Ratio Lower Upper
94 100
96 74.2 76.4 114.6#



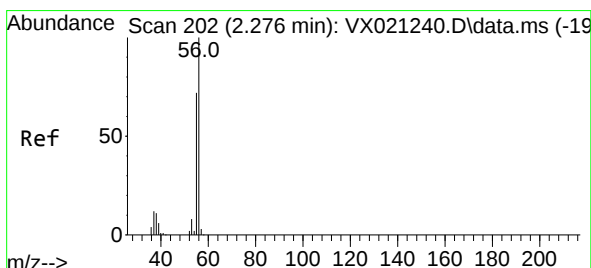
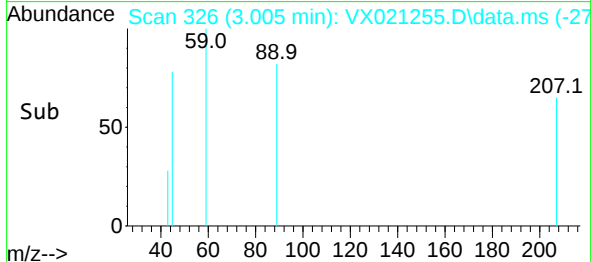
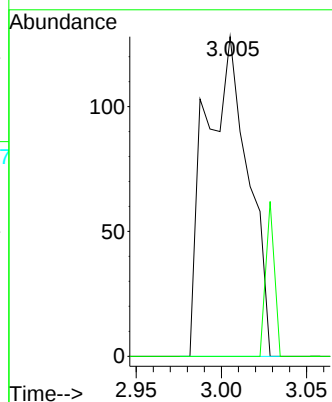


#11
Tert butyl alcohol
Concen: 1.04 ug/l
RT: 3.005 min Scan# 326
Delta R.T. -0.012 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

Instrument :
MSVOA_X
ClientSampled :

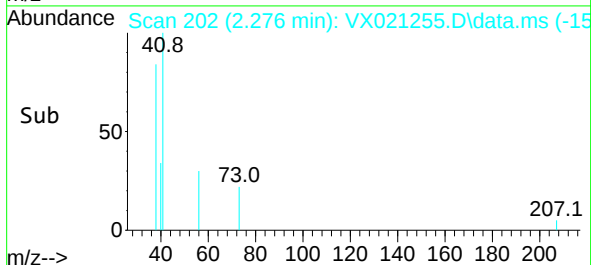
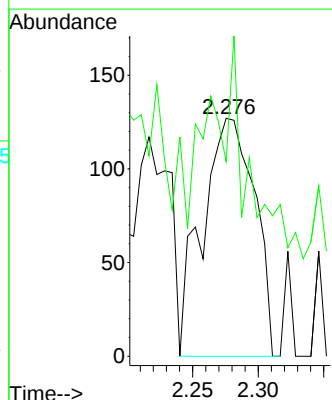
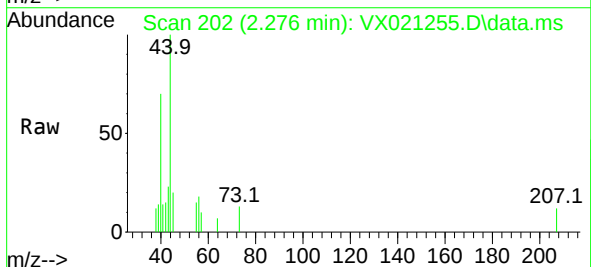


Tgt Ion: 59 Resp: 222
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#13
Acrolein
Concen: 5.85 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

Tgt Ion: 56 Resp: 352
Ion Ratio Lower Upper
56 100
55 27.0 56.4 84.6#

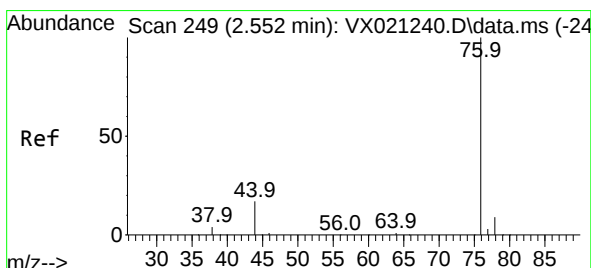
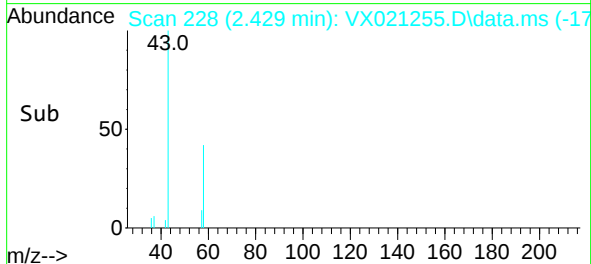
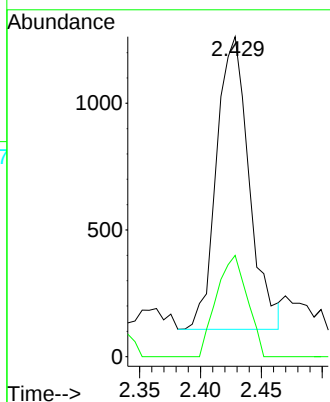
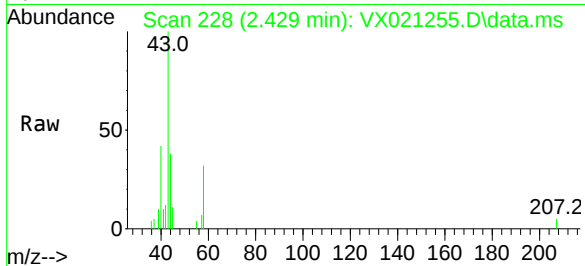




#16
Acetone
Concen: 4.59 ug/l
RT: 2.429 min Scan# 228
Delta R.T. 0.006 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

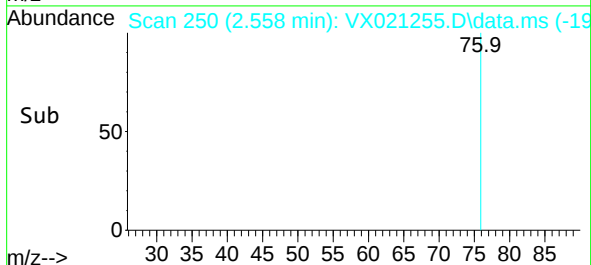
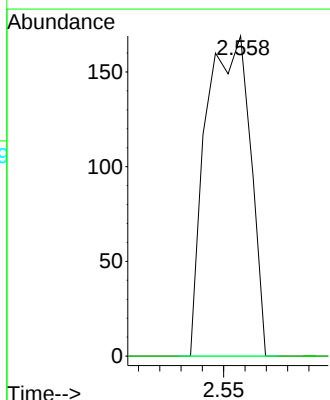
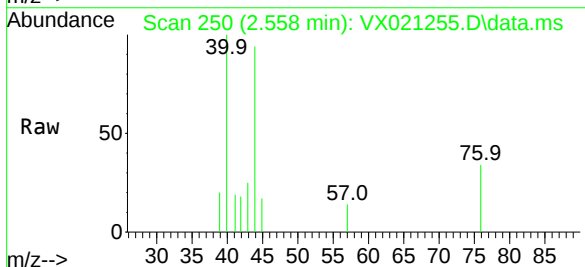
Instrument :
MSVOA_X
ClientSampled :

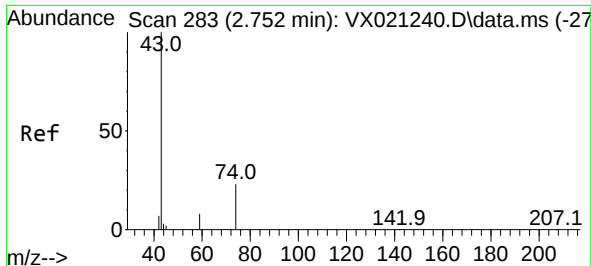
Tgt Ion: 43 Resp: 2147
Ion Ratio Lower Upper
43 100
58 34.6 27.8 41.8



#17
Carbon Disulfide
Concen: 0.64 ug/l
RT: 2.558 min Scan# 250
Delta R.T. 0.006 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

Tgt Ion: 76 Resp: 244
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

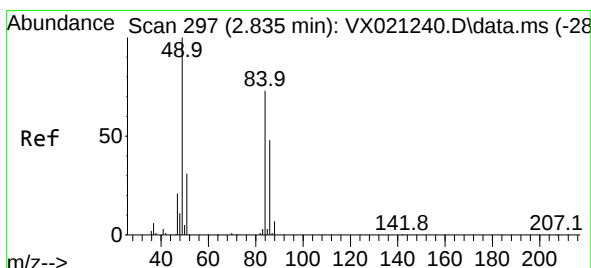
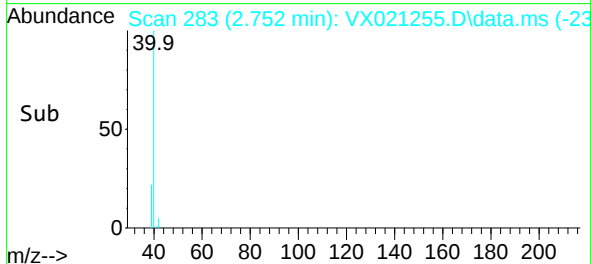
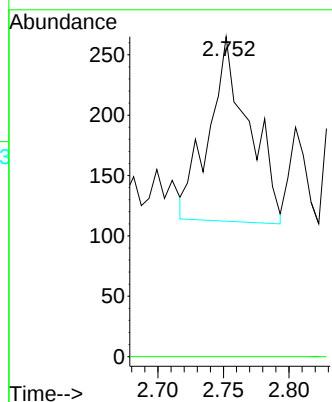
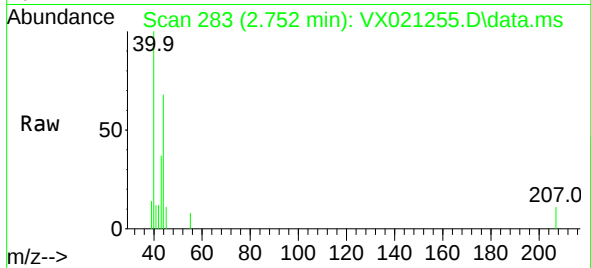




#18
Methyl Acetate
Concen: 0.25 ug/l
RT: 2.752 min Scan# 283
Delta R.T. 0.000 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

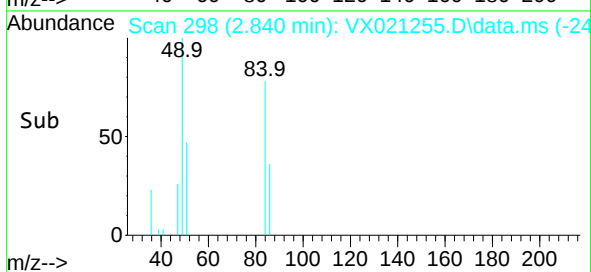
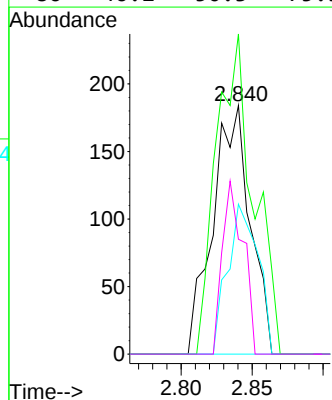
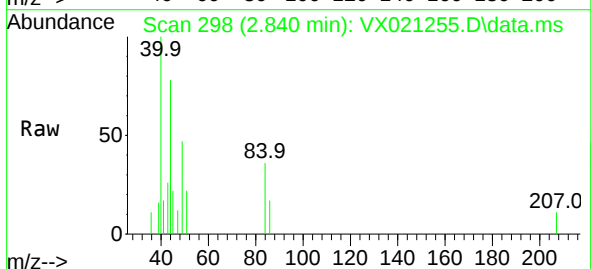
Instrument :
MSVOA_X
ClientSampled :

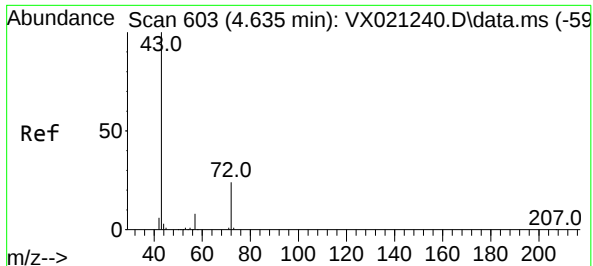
Tgt Ion: 43 Resp: 325
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.35 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.005 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

Tgt Ion: 84 Resp: 337
Ion Ratio Lower Upper
84 100
49 128.8 88.6 132.8
51 60.3 27.0 40.6#
86 46.2 50.3 75.5#

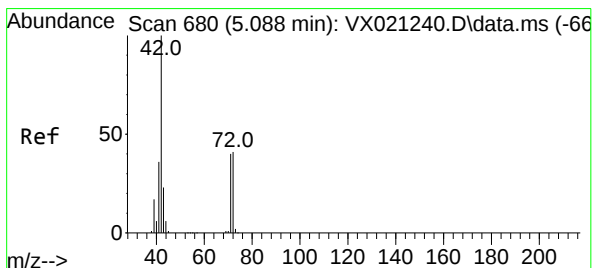
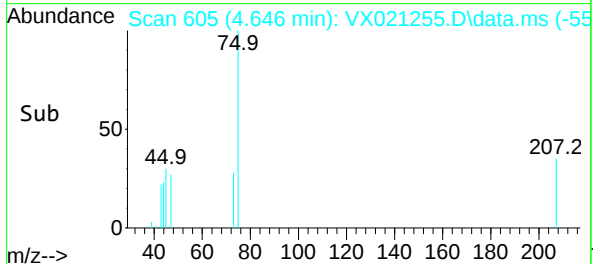
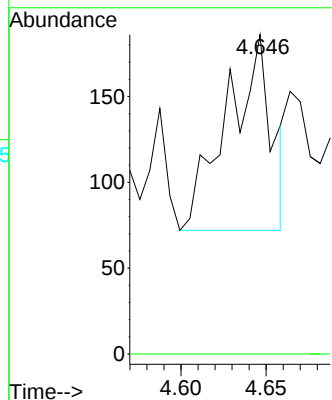
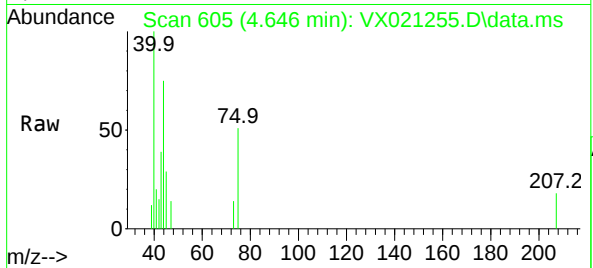




#25
2-Butanone
Concen: 0.29 ug/l
RT: 4.646 min Scan# 605
Delta R.T. 0.011 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

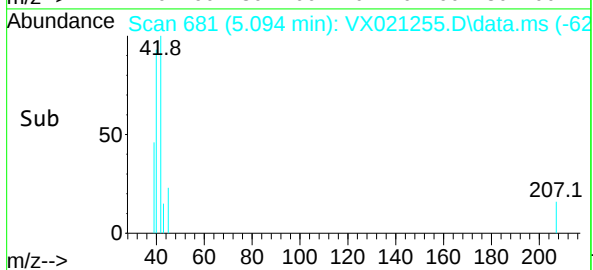
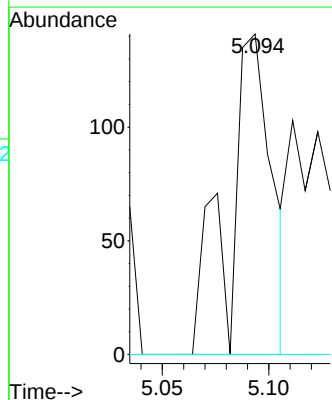
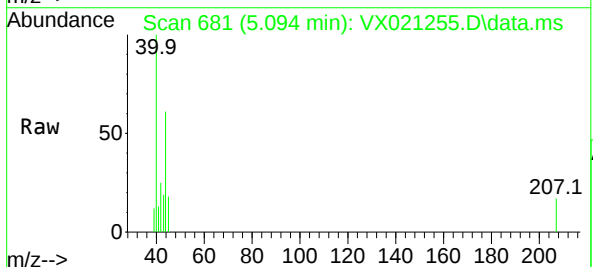
Instrument :
MSVOA_X
ClientSampled :

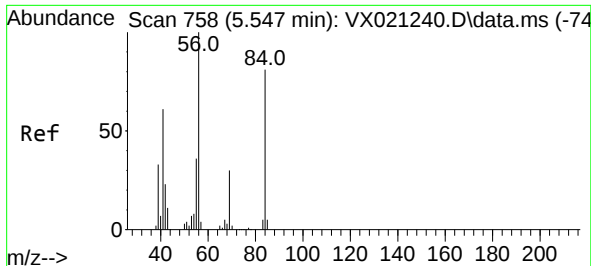
Tgt Ion: 43 Resp: 207
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#29
Tetrahydrofuran
Concen: 0.42 ug/l
RT: 5.094 min Scan# 681
Delta R.T. 0.006 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

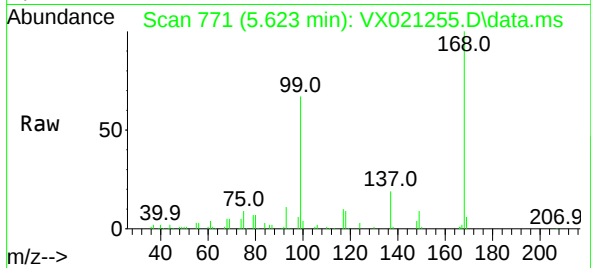
Tgt Ion: 42 Resp: 199
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



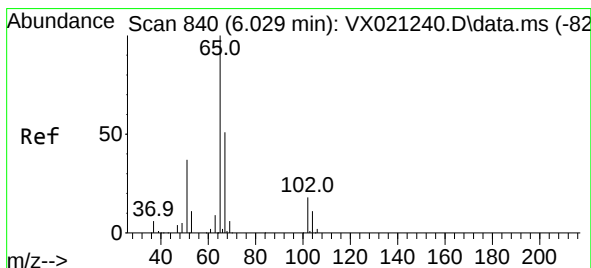
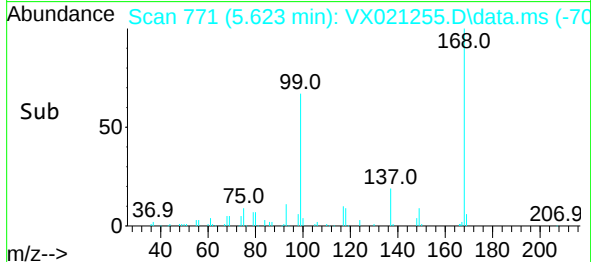
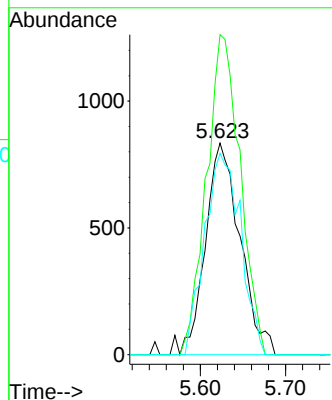


#31
Cyclohexane
Concen: 1.53 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

Instrument :
MSVOA_X
ClientSampled :

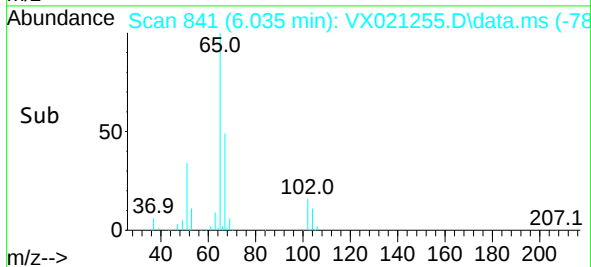
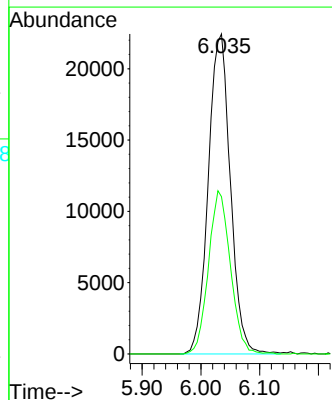
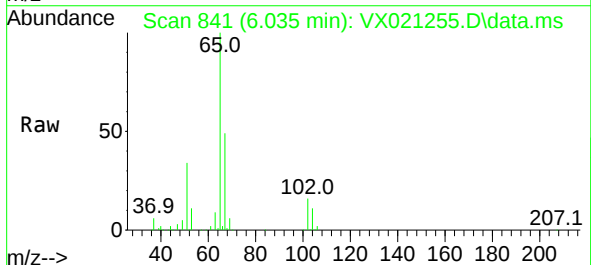


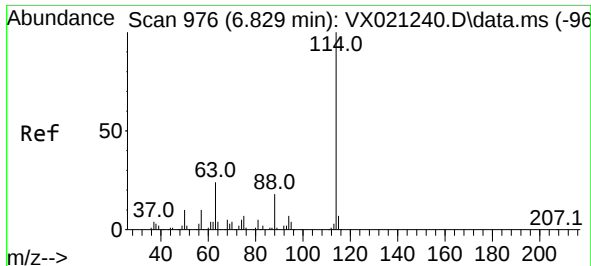
Tgt Ion: 56 Resp: 2346
Ion Ratio Lower Upper
56 100
69 151.3 25.3 37.9#
84 95.2 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 46.10 ug/l
RT: 6.035 min Scan# 841
Delta R.T. 0.006 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

Tgt Ion: 65 Resp: 58600
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

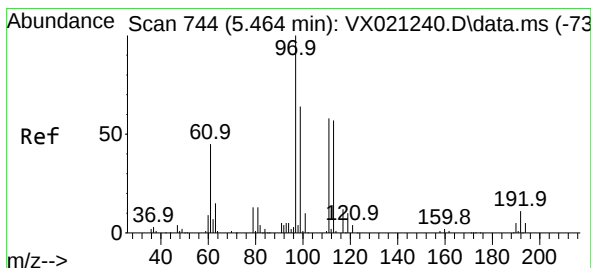
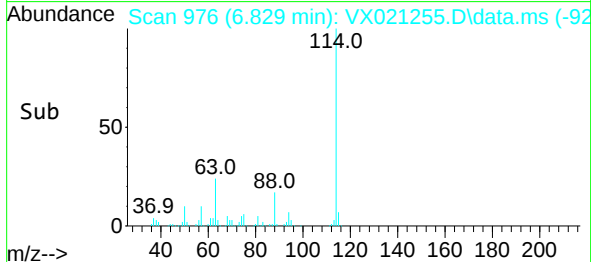
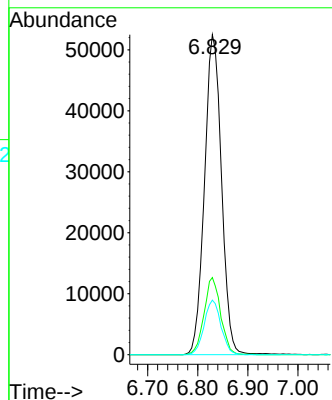
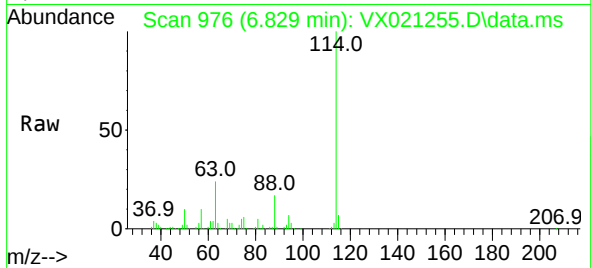




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

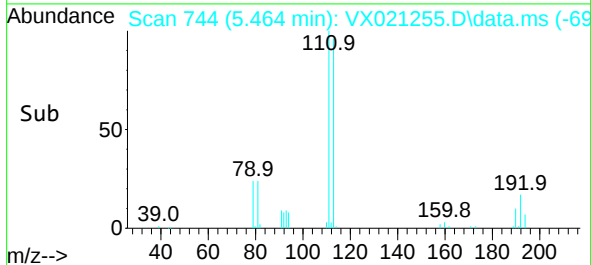
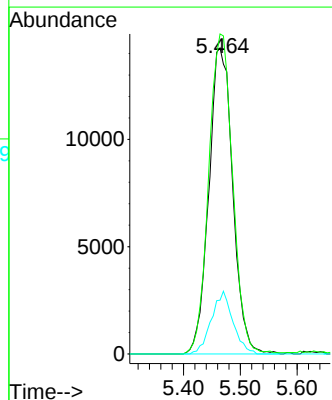
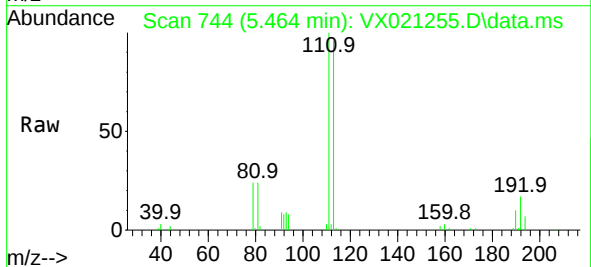
Instrument :
MSVOA_X
ClientSampleId :

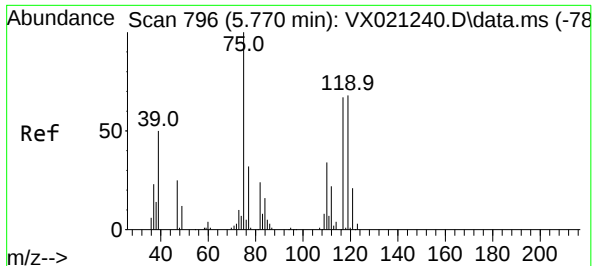
Tgt Ion:114 Resp: 123835
Ion Ratio Lower Upper
114 100
63 24.1 0.0 40.8
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.40 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

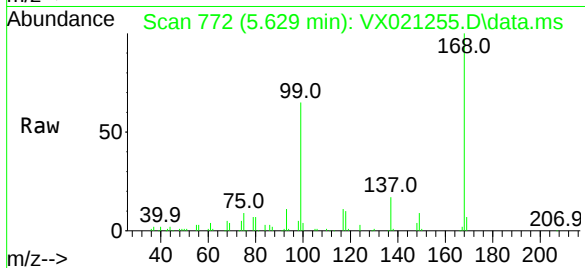
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Ion Ratio Lower Upper
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111 104.8 81.9 122.9
192 18.5 16.7 25.1



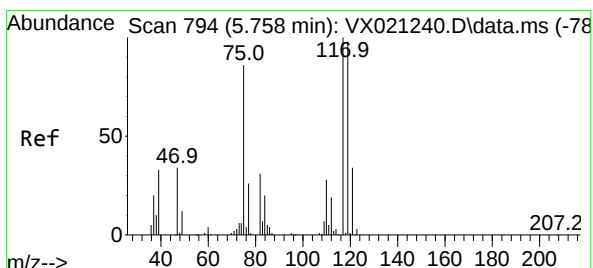
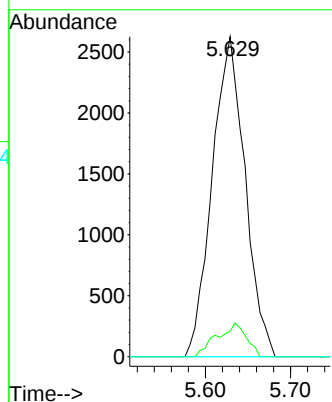
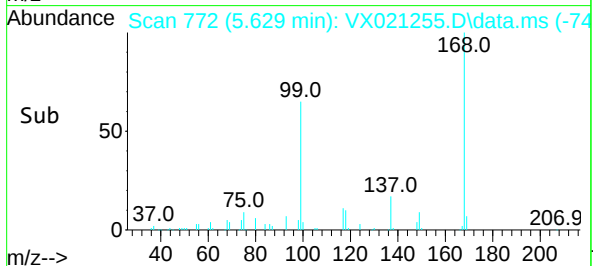


#36
1,1-Dichloropropene
Concen: 5.64 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

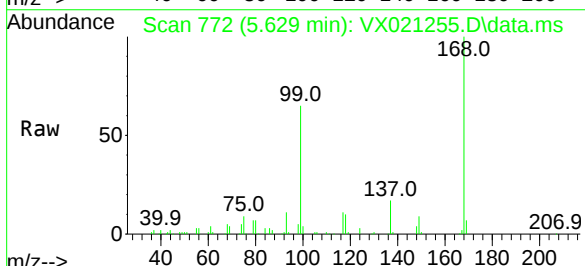
Instrument :
MSVOA_X
ClientSampleId :



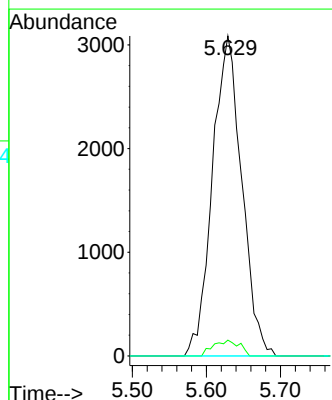
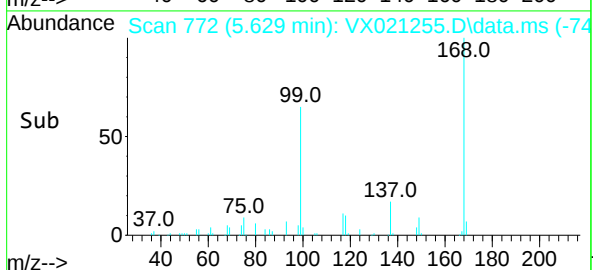
Tgt Ion: 75 Resp: 7031
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#

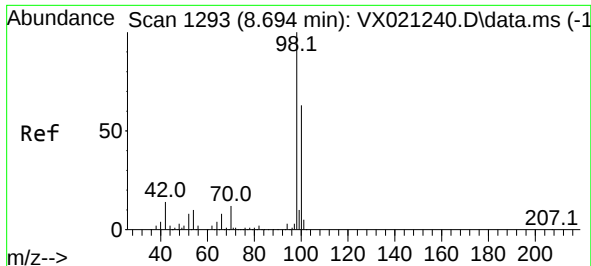


#38
Carbon Tetrachloride
Concen: 6.55 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30



Tgt Ion: 117 Resp: 8488
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

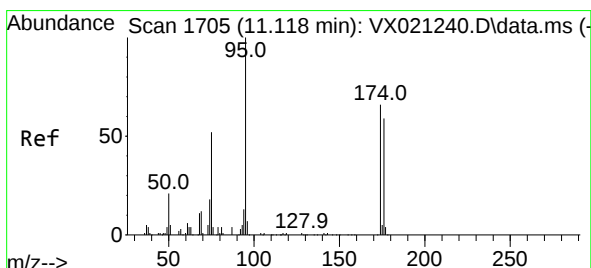
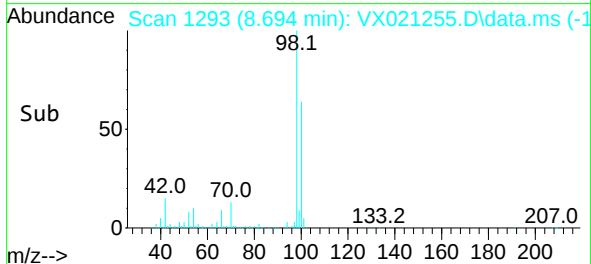
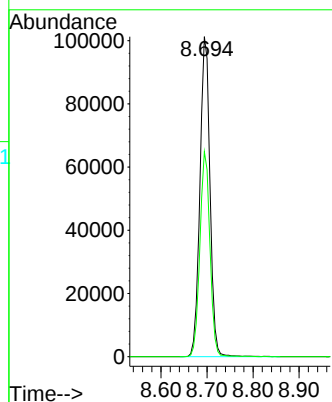
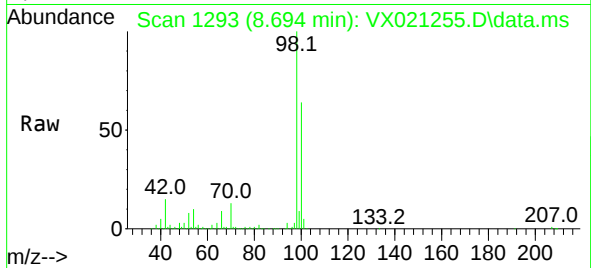




#50
Toluene-d8
Concen: 50.17 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

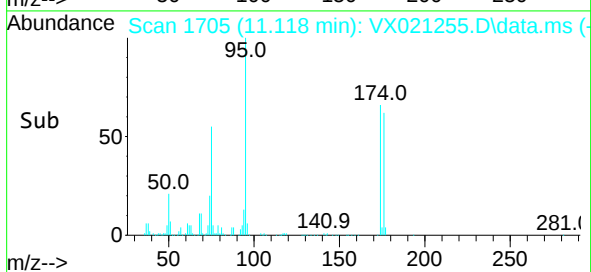
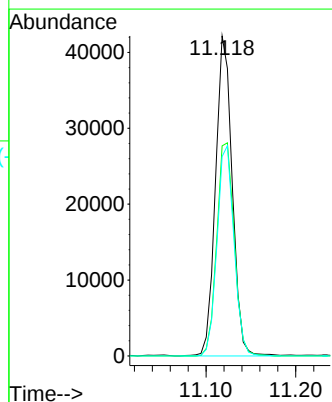
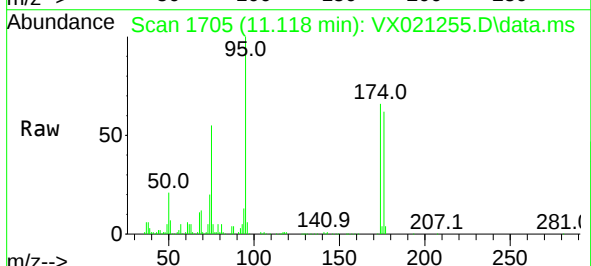
Instrument :
MSVOA_X
ClientSampled :

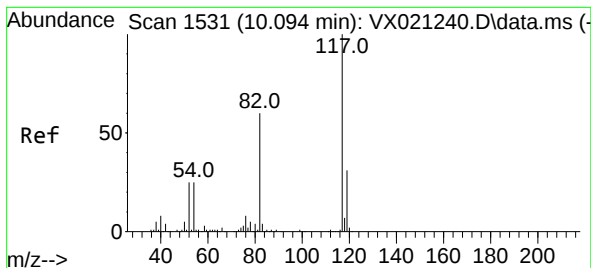
Tgt Ion: 98 Resp: 153376
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.90 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

Tgt Ion: 95 Resp: 54502
Ion Ratio Lower Upper
95 100
174 69.6 0.0 154.6
176 66.5 0.0 155.8

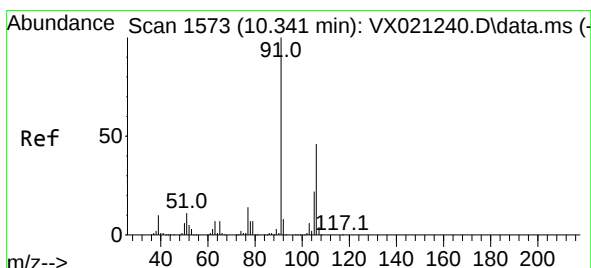
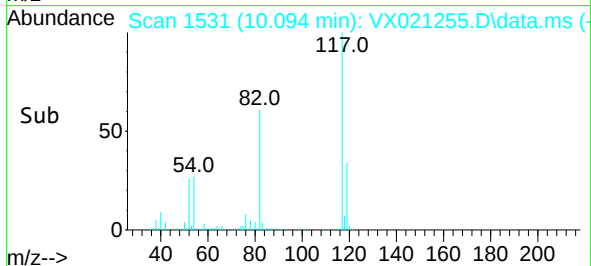
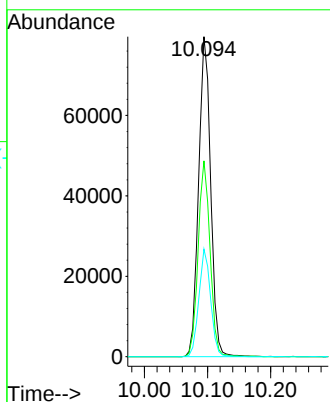
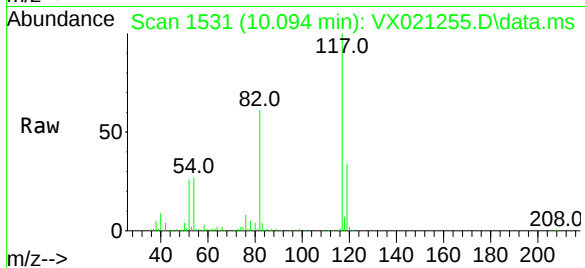




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

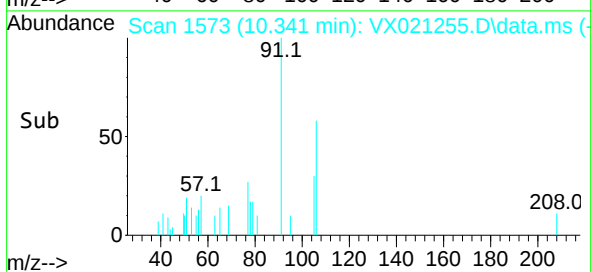
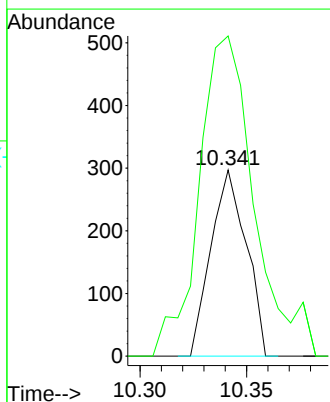
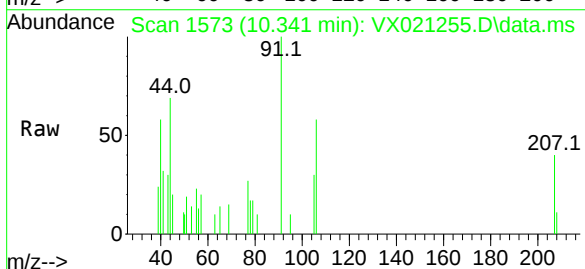
Instrument :
MSVOA_X
ClientSampled :

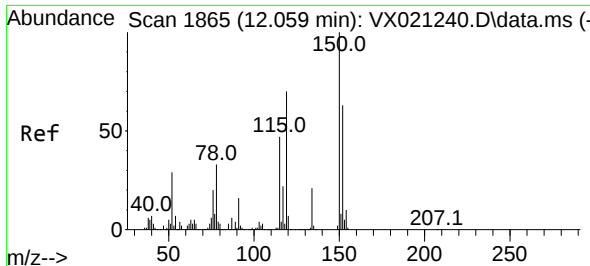
Tgt Ion:117 Resp: 105745
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.2
119 33.6 26.6 39.8



#68
m/p-Xylenes
Concen: 0.24 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

Tgt Ion:106 Resp: 342
Ion Ratio Lower Upper
106 100
91 269.6 162.8 244.2#

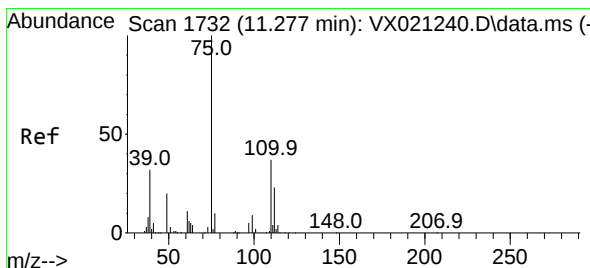
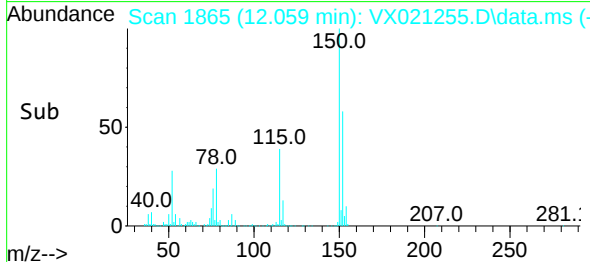
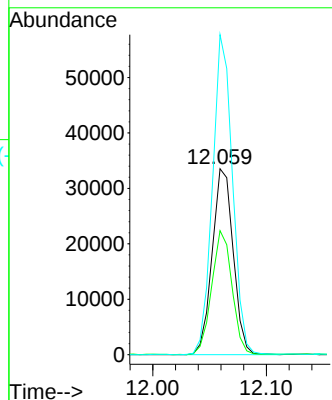
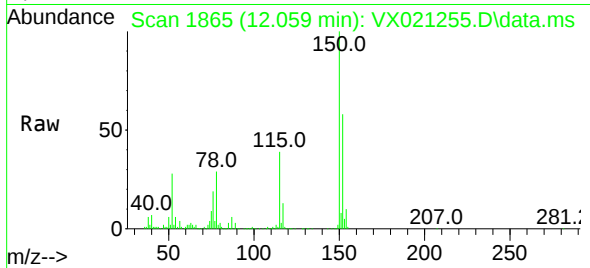




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.059 min Scan# 1865
 Delta R.T. 0.000 min
 Lab File: VX021255.D
 Acq: 16 Mar 2021 19:30

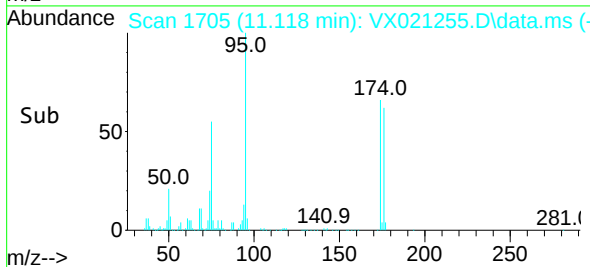
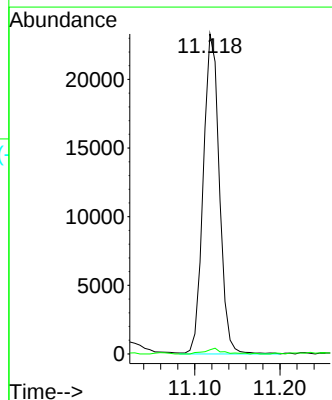
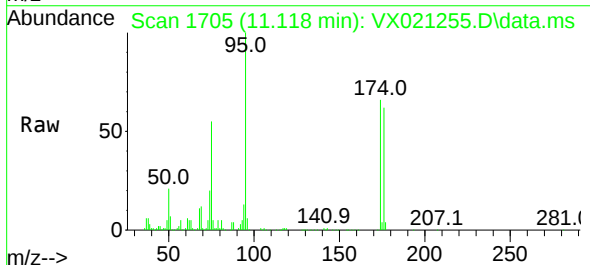
Instrument :
 MSVOA_X
 ClientSampled :

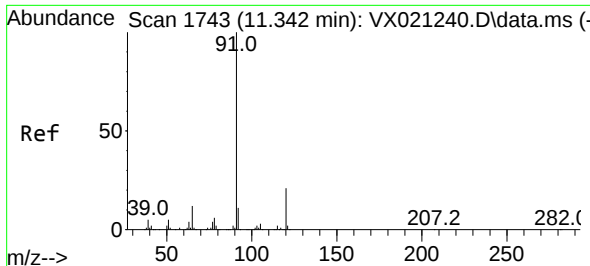
Tgt Ion:152 Resp: 43172
 Ion Ratio Lower Upper
 152 100
 115 64.9 41.1 123.3
 150 163.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 30.55 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. -0.159 min
 Lab File: VX021255.D
 Acq: 16 Mar 2021 19:30

Tgt Ion: 75 Resp: 30592
 Ion Ratio Lower Upper
 75 100
 77 2.0 19.1 57.5#

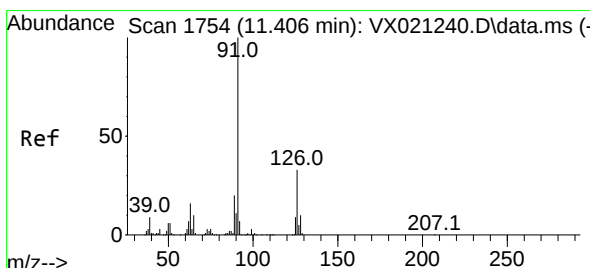
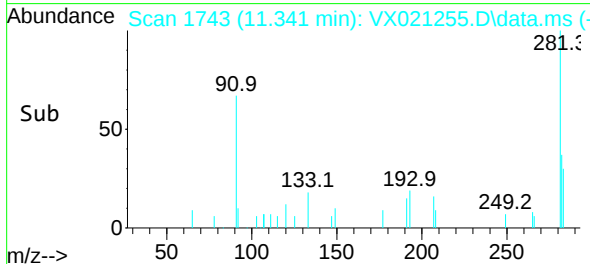
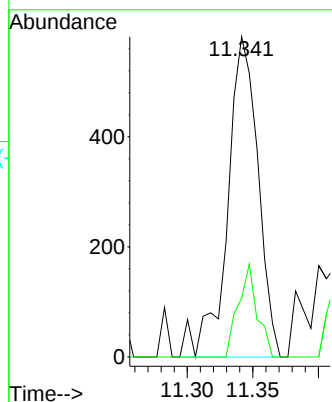
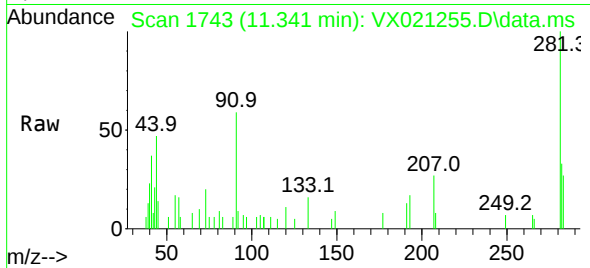




#78
n-propylbenzene
Concen: 0.25 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. -0.001 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

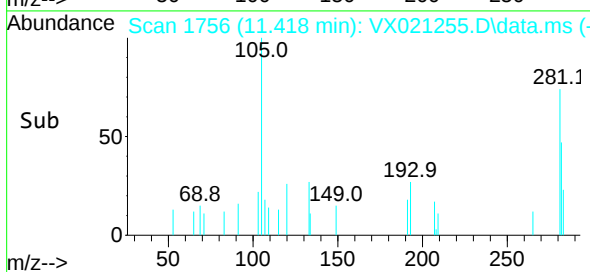
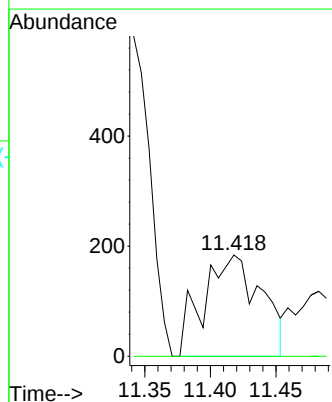
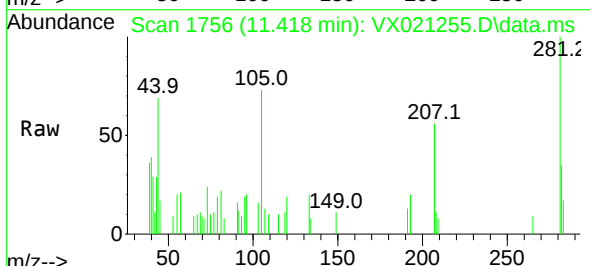
Instrument :
MSVOA_X
ClientSampled :

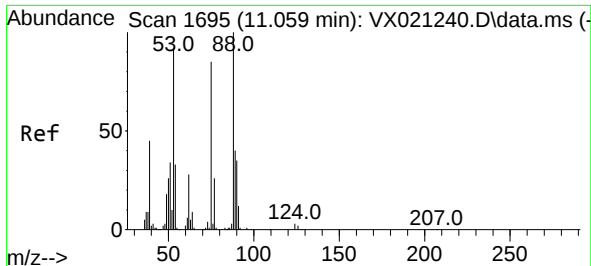
Tgt Ion: 91 Resp: 948
Ion Ratio Lower Upper
91 100
120 17.8 11.5 34.5



#79
2-Chlorotoluene
Concen: 0.25 ug/l
RT: 11.418 min Scan# 1756
Delta R.T. 0.012 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

Tgt Ion: 91 Resp: 562
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#

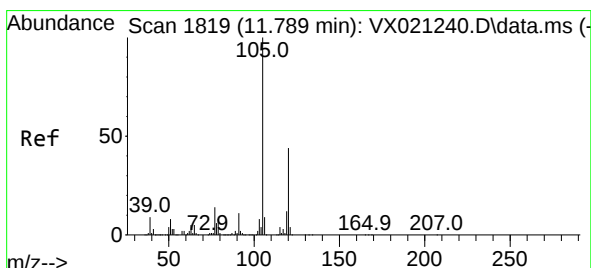
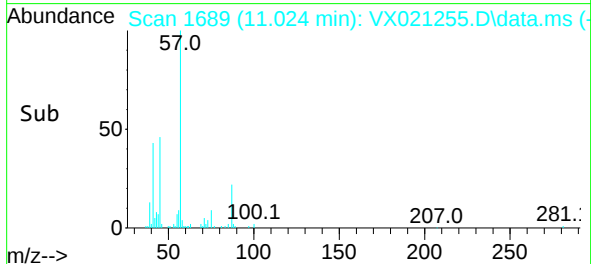
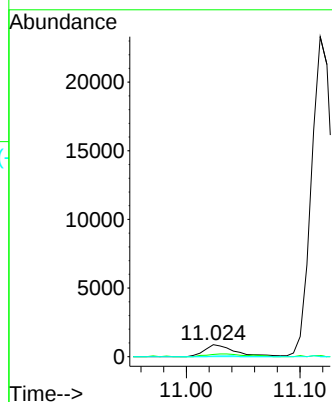
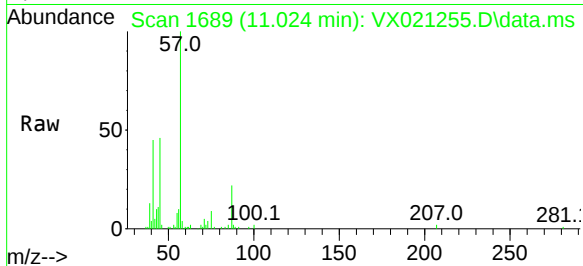




#81
 trans-1,4-Dichloro-2-butene
 Concen: 4.43 ug/l
 RT: 11.024 min Scan# 1689
 Delta R.T. -0.035 min
 Lab File: VX021255.D
 Acq: 16 Mar 2021 19:30

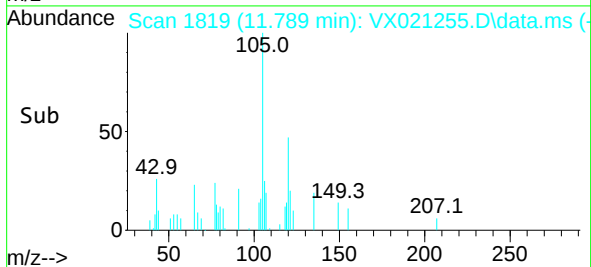
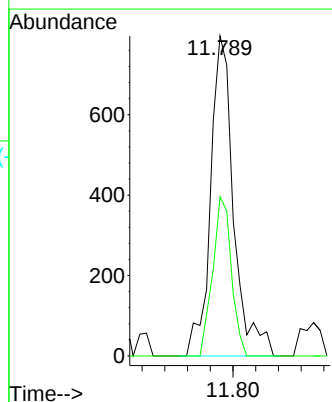
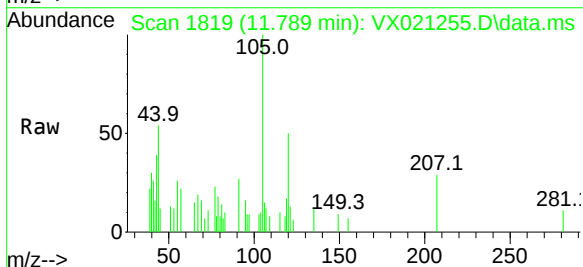
Instrument :
 MSVOA_X
 ClientSampleId :

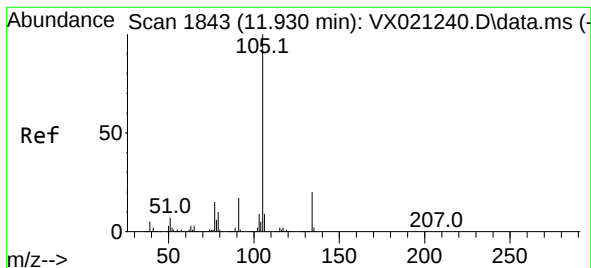
Tgt Ion: 75 Resp: 1635
 Ion Ratio Lower Upper
 75 100
 53 23.9 74.5 111.7#
 89 5.2 37.9 56.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.41 ug/l
 RT: 11.789 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VX021255.D
 Acq: 16 Mar 2021 19:30

Tgt Ion: 105 Resp: 1124
 Ion Ratio Lower Upper
 105 100
 120 40.1 22.4 67.3

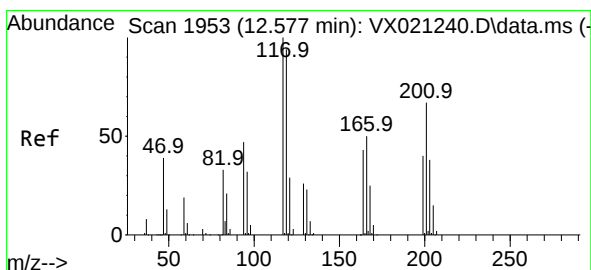
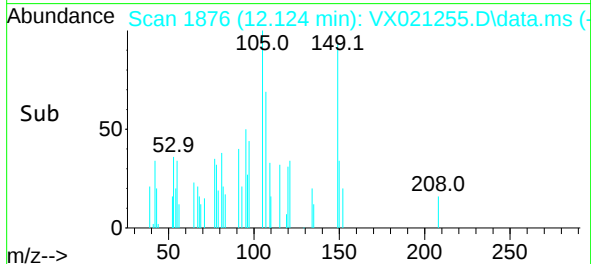
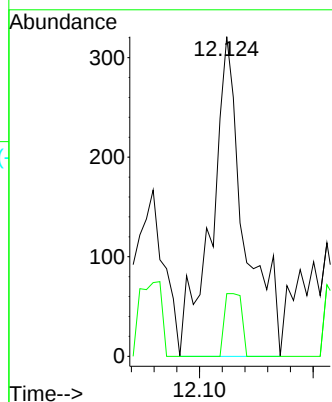
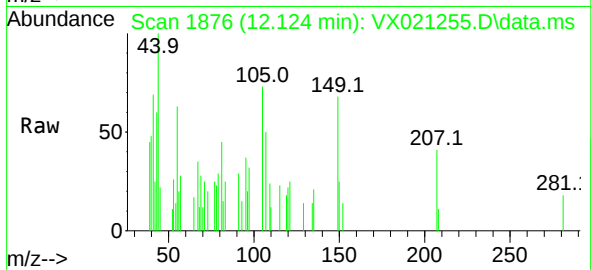




#85
 sec-Butylbenzene
 Concen: 0.21 ug/l
 RT: 12.124 min Scan# 1876
 Delta R.T. 0.194 min
 Lab File: VX021255.D
 Acq: 16 Mar 2021 19:30

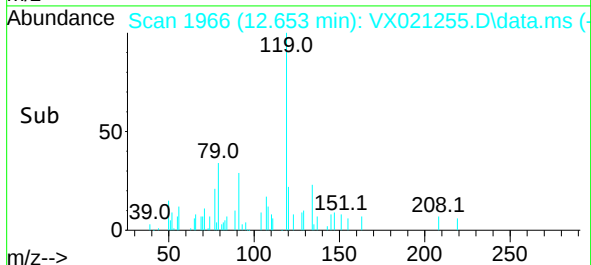
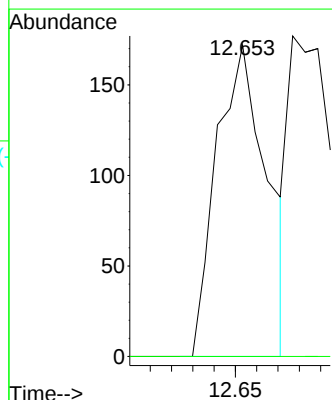
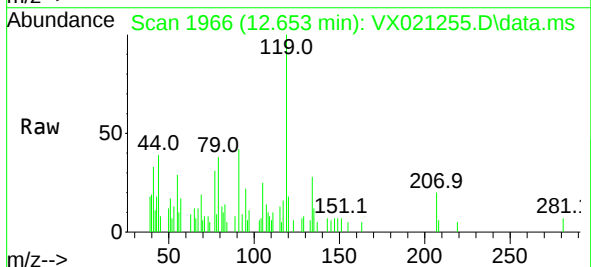
Instrument :
 MSVOA_X
 ClientSampleId :

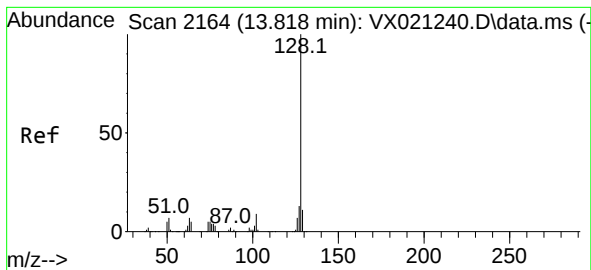
Tgt Ion:105 Resp: 646
 Ion Ratio Lower Upper
 105 100
 134 10.2 10.0 29.8



#90
 Hexachloroethane
 Concen: 0.66 ug/l
 RT: 12.653 min Scan# 1966
 Delta R.T. 0.076 min
 Lab File: VX021255.D
 Acq: 16 Mar 2021 19:30

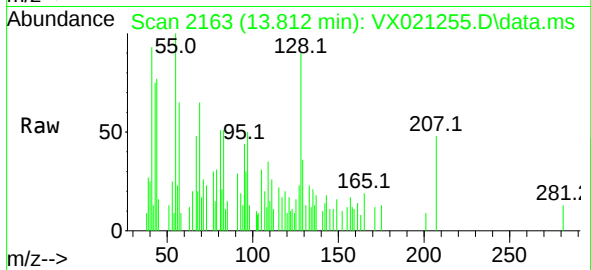
Tgt Ion:117 Resp: 282
 Ion Ratio Lower Upper
 117 100
 201 0.0 40.4 121.2#





#95
Naphthalene
Concen: 0.28 ug/l
RT: 13.812 min Scan# 2163
Delta R.T. -0.006 min
Lab File: VX021255.D
Acq: 16 Mar 2021 19:30

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:	128	Resp:	844
Ion Ratio	Lower	Upper	
128	100		
127	17.3	10.3	15.5#
129	33.6	8.8	13.2#

