

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022490.D
 Acq On : 06 Jun 2021 20:07
 Operator : JC/MD
 Sample : M2598-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 17

Quant Time: Jun 07 04:27:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

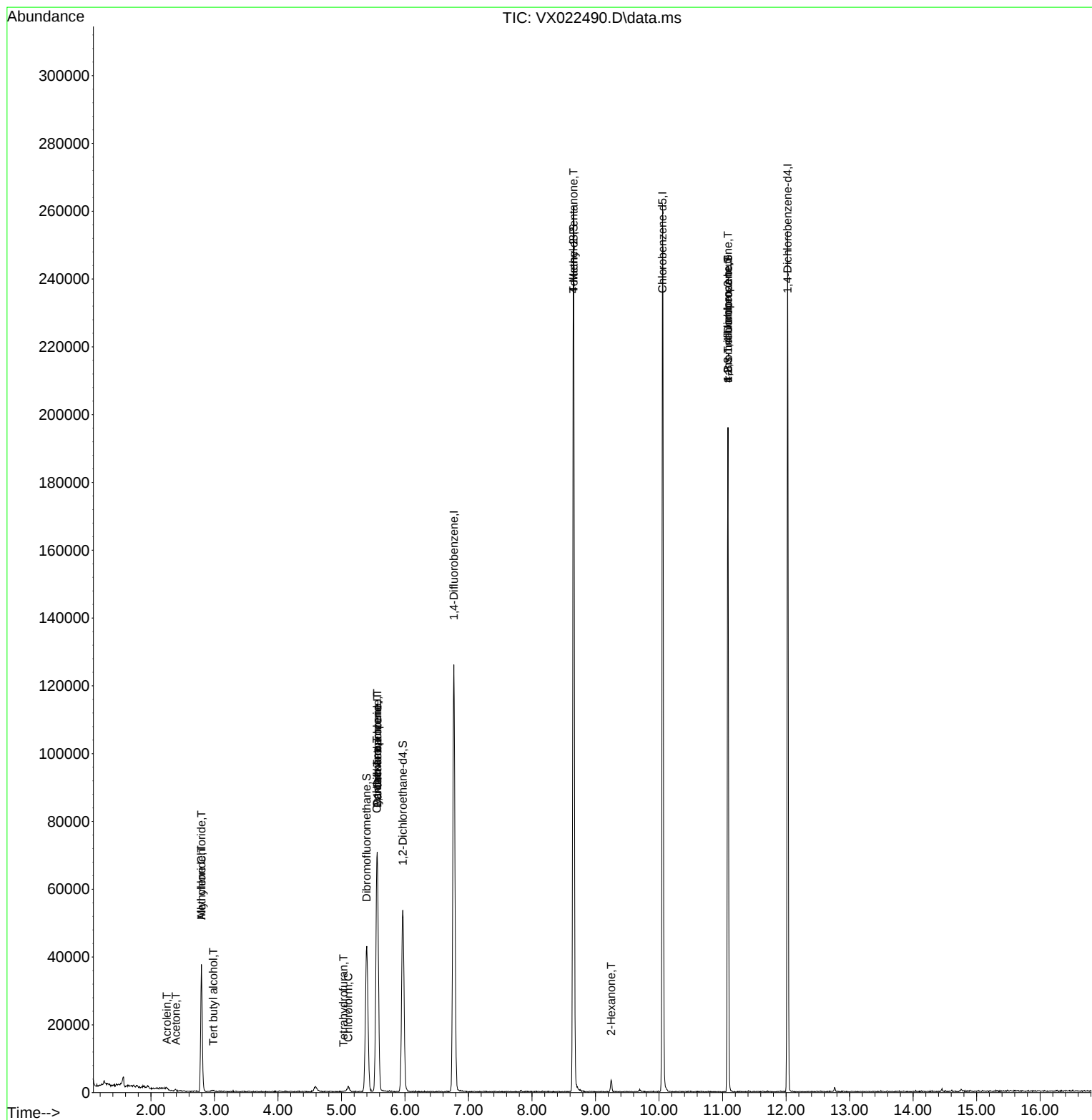
Internal Standards						
1) Pentafluorobenzene	5.562	168	60362	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	124026	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	49946	53.640	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.280%	
35) Dibromofluoromethane	5.397	113	36771	46.752	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.500%	
50) Toluene-d8	8.653	98	152682	50.394	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.780%	
62) 4-Bromofluorobenzene	11.085	95	53093	47.411	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.983	59	542	2.545	ug/l	# 73
13) Acrolein	2.251	56	32	0.227	ug/l	# 14
14) Allyl chloride	2.794	41	875	0.689	ug/l	# 25
16) Acetone	2.392	43	628	1.549	ug/l	# 40
20) Methylene Chloride	2.794	84	14916	16.570	ug/l	# 87
29) Tetrahydrofuran	5.031	42	146	0.374	ug/l	# 27
30) Chloroform	5.105	83	1760	1.186	ug/l	# 73
31) Cyclohexane	5.556	56	1750	1.496	ug/l	# 1
36) 1,1-Dichloropropene	5.562	75	5862	5.111	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	6764	6.029	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	852	0.619	ug/l	# 1
59) 2-Hexanone	9.244	43	2141	2.067	ug/l	70
76) 1,2,3-Trichloropropane	11.085	75	28834	26.291	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	28834	62.292	ug/l	# 12

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

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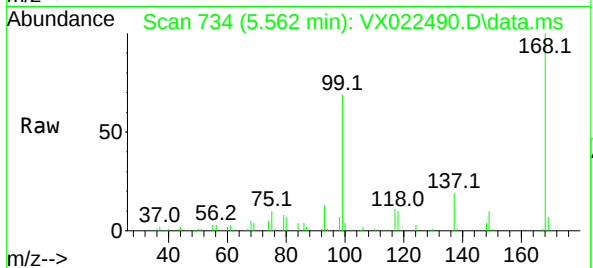
Quant Time: Jun 07 04:27:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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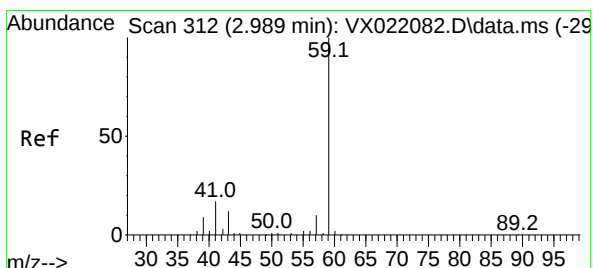
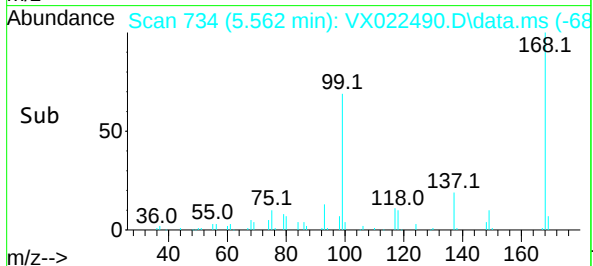
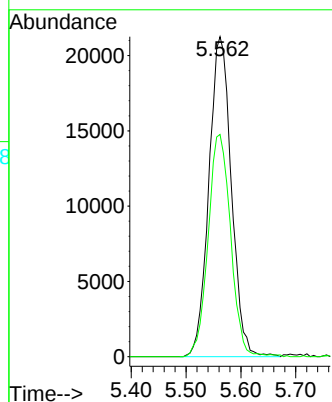


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

Instrument :
MSVOA_X
ClientSampleId :
17

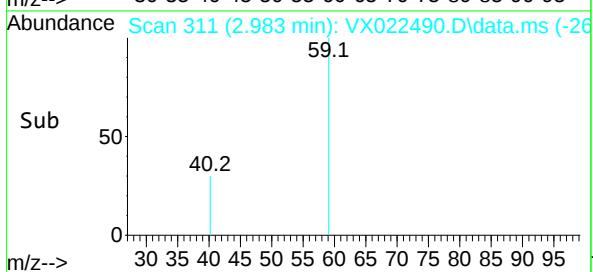
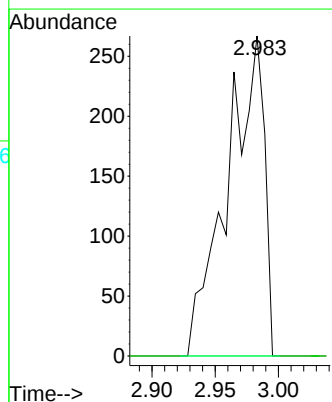
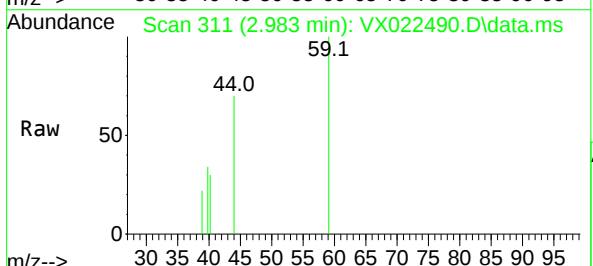


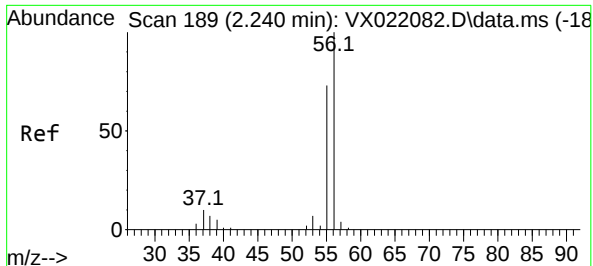
Tgt Ion:168 Resp: 60362
Ion Ratio Lower Upper
168 100
99 69.5 45.8 68.6#



#11
Tert butyl alcohol
Concen: 2.545 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

Tgt Ion: 59 Resp: 542
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

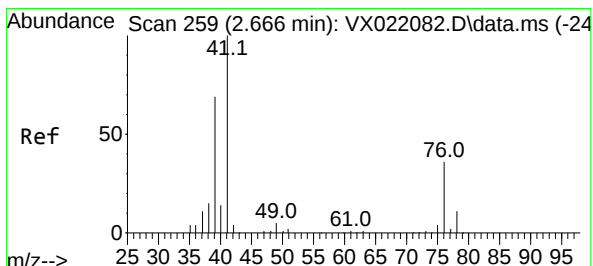
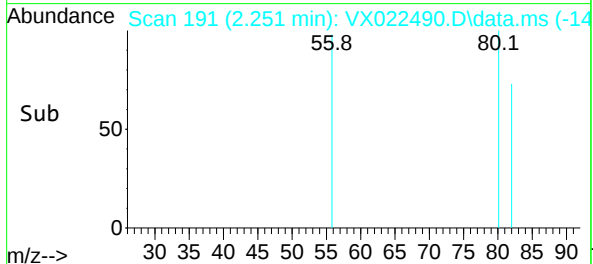
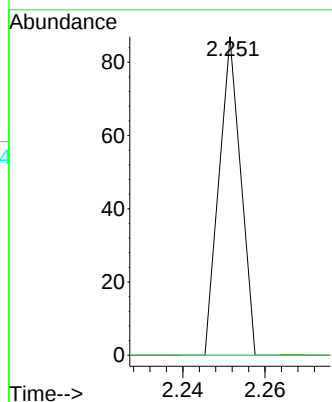
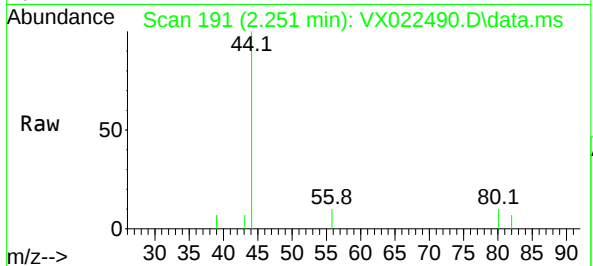




#13
Acrolein
Concen: 0.227 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.011 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

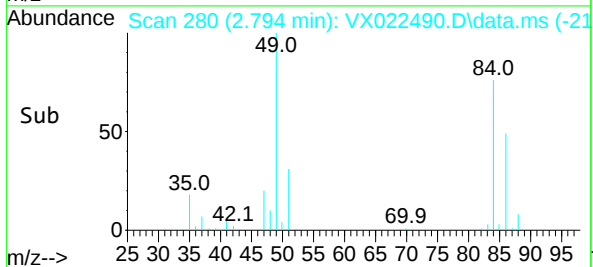
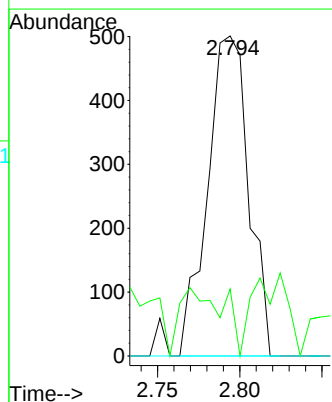
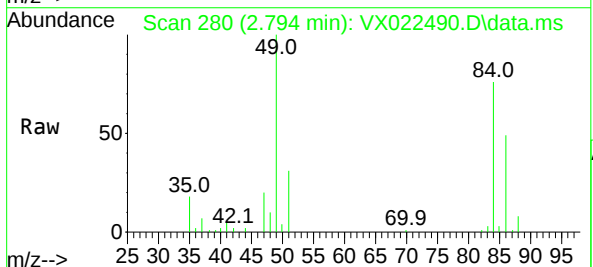
Instrument :
MSVOA_X
ClientSampled :
17

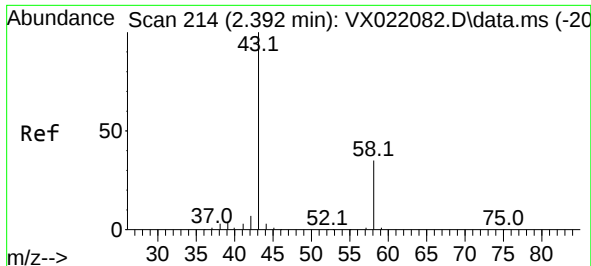
Tgt Ion: 56 Resp: 32
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.689 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.128 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

Tgt Ion: 41 Resp: 875
Ion Ratio Lower Upper
41 100
39 0.0 51.6 77.4#
76 0.0 30.5 45.7#

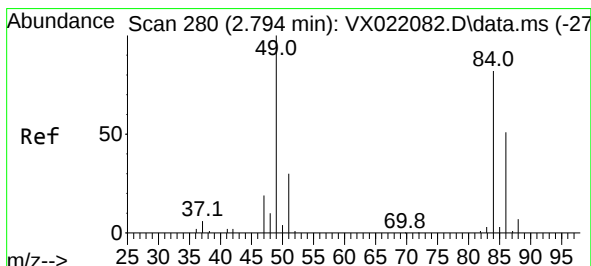
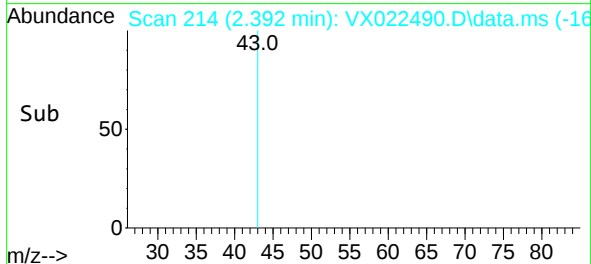
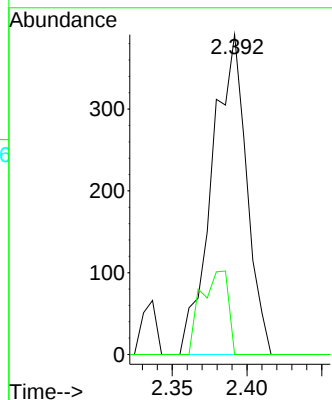
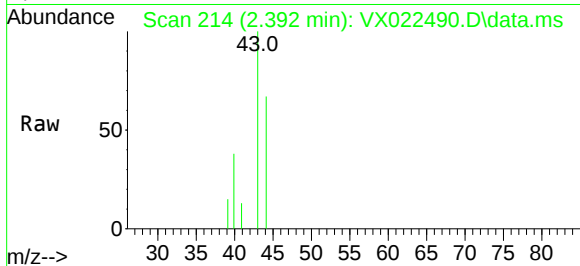




#16
Acetone
Concen: 1.549 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

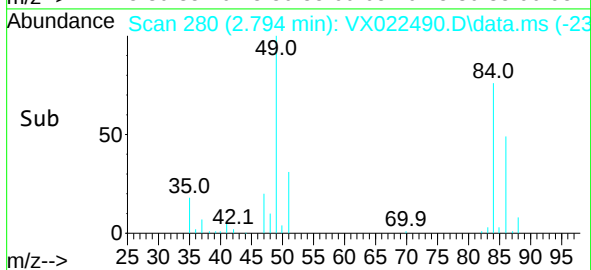
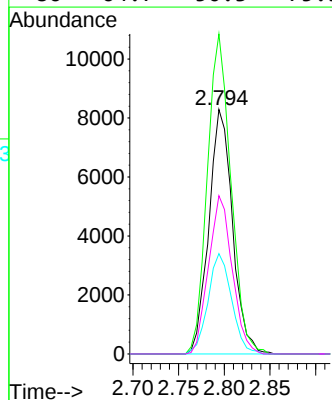
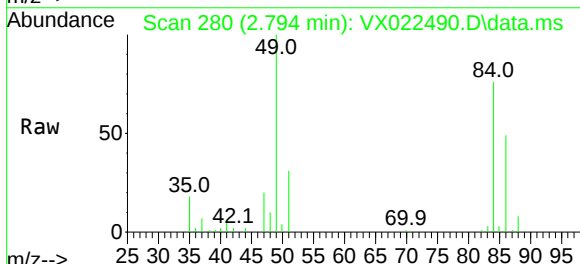
Instrument :
MSVOA_X
ClientSampled :
17

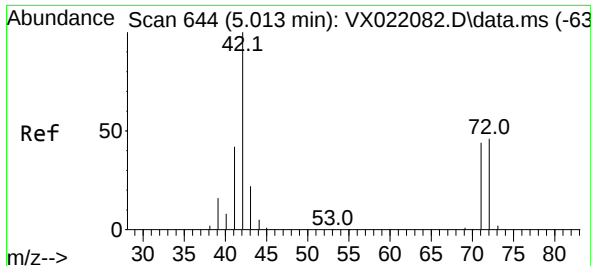
Tgt Ion: 43 Resp: 628
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



#20
Methylene Chloride
Concen: 16.570 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

Tgt Ion: 84 Resp: 14916
Ion Ratio Lower Upper
84 100
49 130.9 88.6 132.8
51 41.0 27.0 40.6#
86 64.7 50.3 75.5





#29

Tetrahydrofuran

Concen: 0.374 ug/l

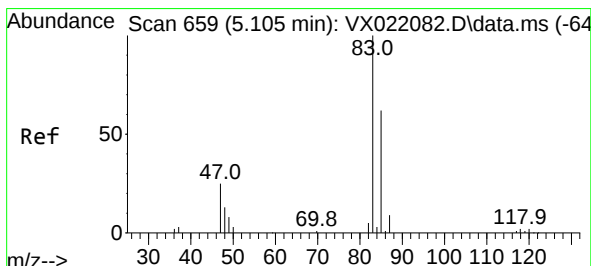
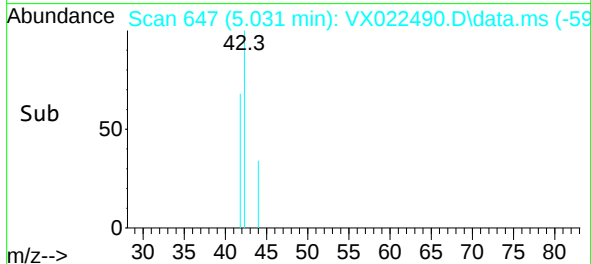
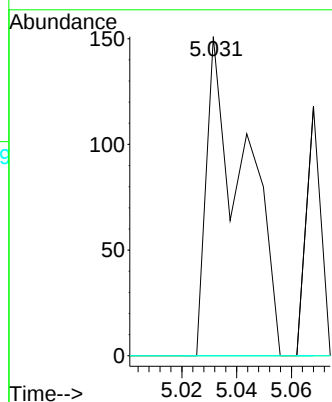
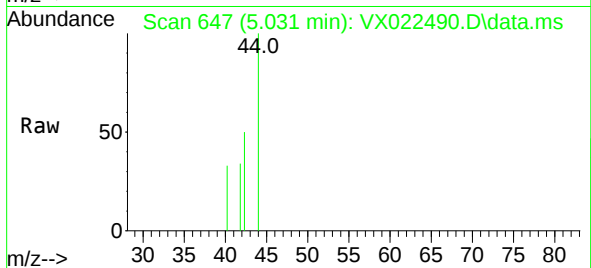
RT: 5.031 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX022490.D

Acq: 06 Jun 2021 20:07

Tgt Ion: 42	Resp: 146
Ion Ratio	Lower Upper
42 100	
72 0.0	41.7 62.5#
71 0.0	38.4 57.6#



#30

Chloroform

Concen: 1.186 ug/l

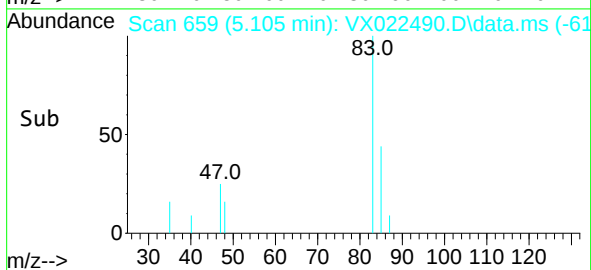
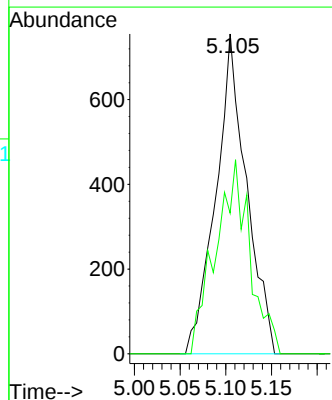
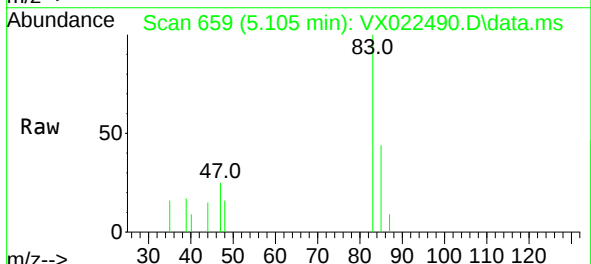
RT: 5.105 min Scan# 659

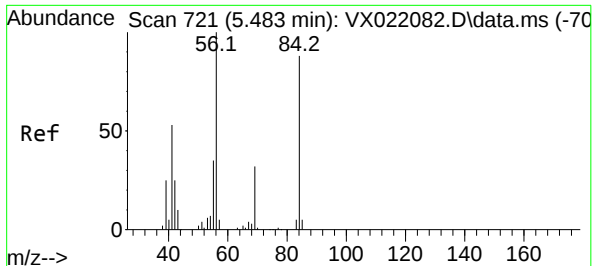
Delta R.T. -0.000 min

Lab File: VX022490.D

Acq: 06 Jun 2021 20:07

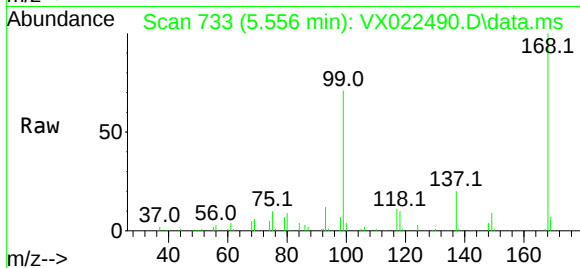
Tgt Ion: 83	Resp: 1760
Ion Ratio	Lower Upper
83 100	
85 44.0	52.0 78.0#



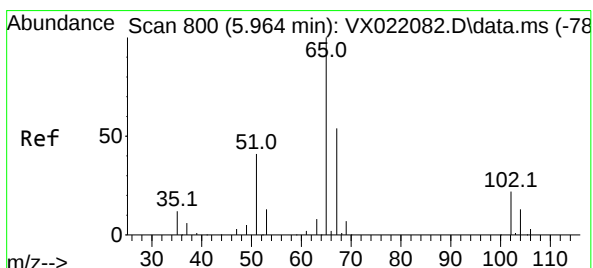
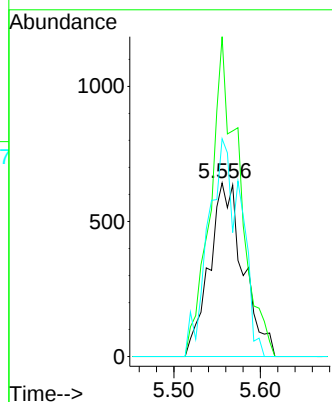
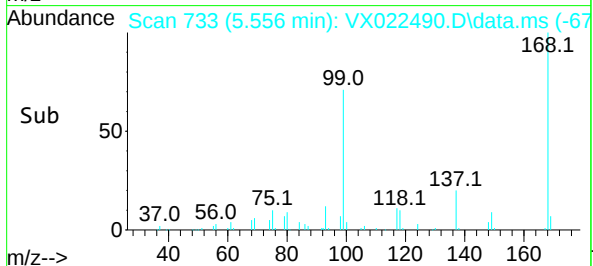


#31
Cyclohexane
Concen: 1.496 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

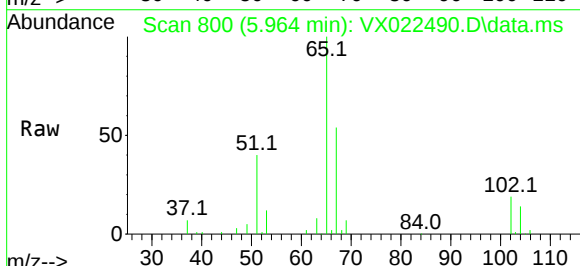
Instrument :
MSVOA_X
ClientSampled :
17



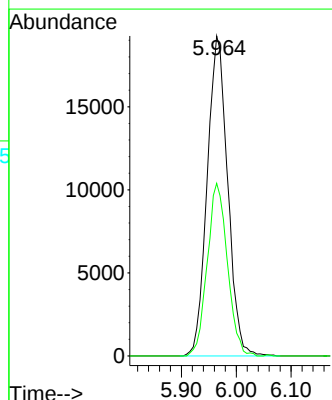
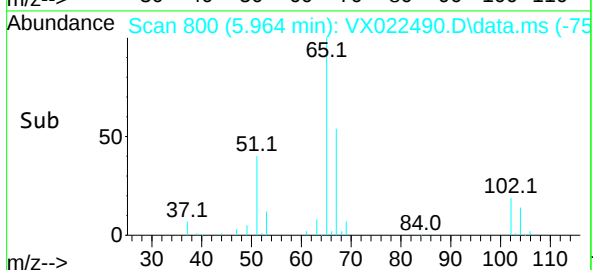
Tgt Ion: 56 Resp: 1750
Ion Ratio Lower Upper
56 100
69 184.1 25.3 37.9#
84 125.3 71.4 107.0#

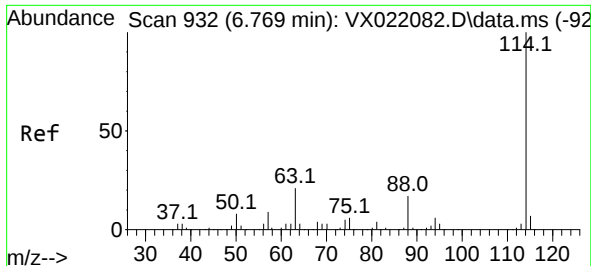


#33
1,2-Dichloroethane-d4
Concen: 53.640 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07



Tgt Ion: 65 Resp: 49946
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

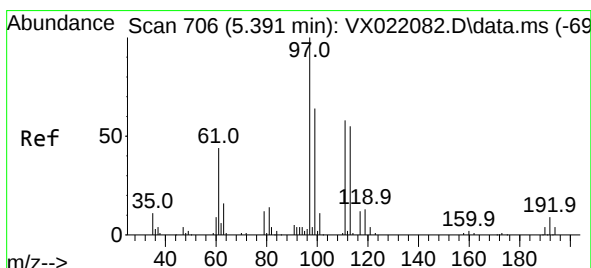
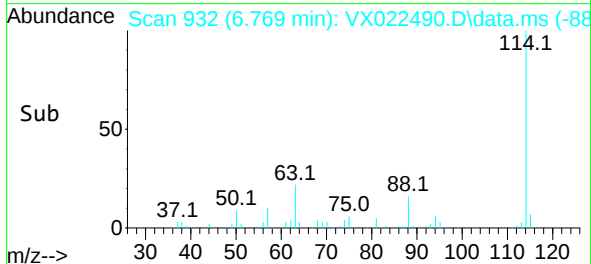
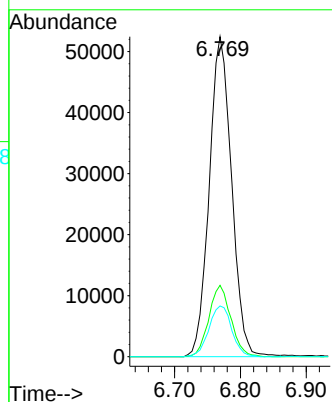
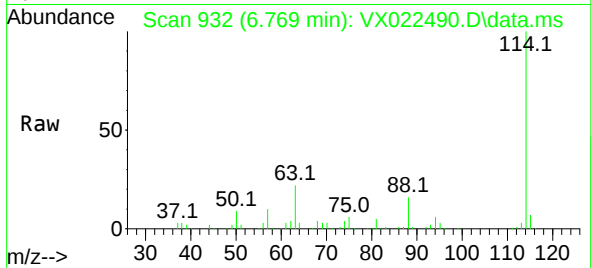




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

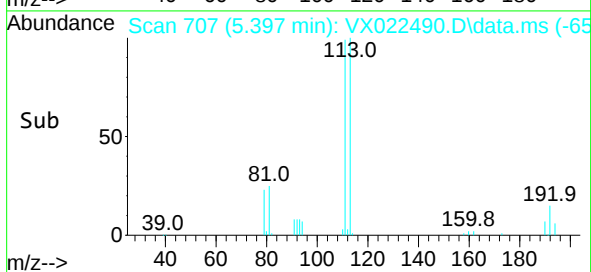
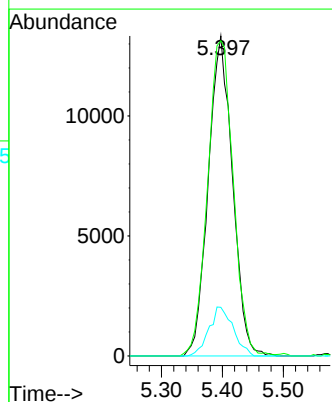
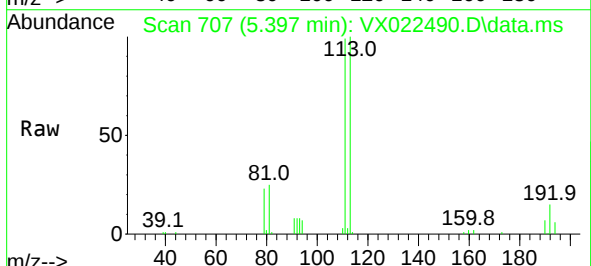
Instrument :
MSVOA_X
ClientSampled :
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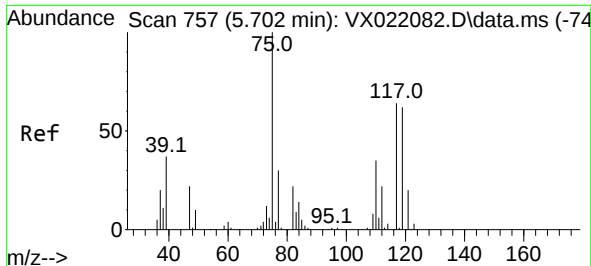
Tgt Ion:114 Resp: 124026
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.752 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

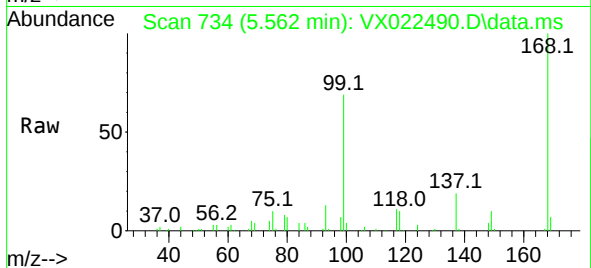
Tgt Ion:113 Resp: 36771
Ion Ratio Lower Upper
113 100
111 104.5 81.9 122.9
192 15.3 16.7 25.1#



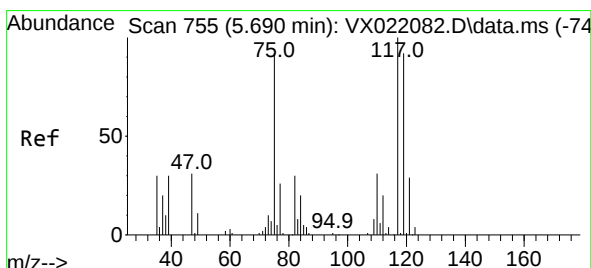
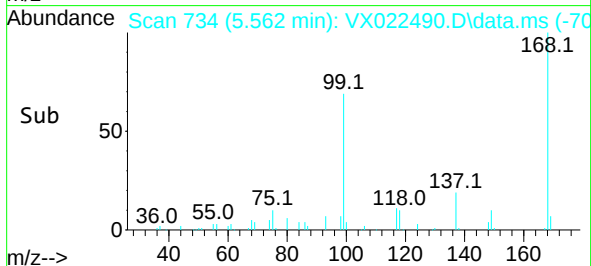
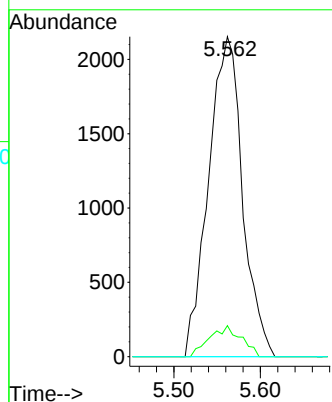


#36
1,1-Dichloropropene
Concen: 5.111 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

Instrument :
MSVOA_X
ClientSampled :
17

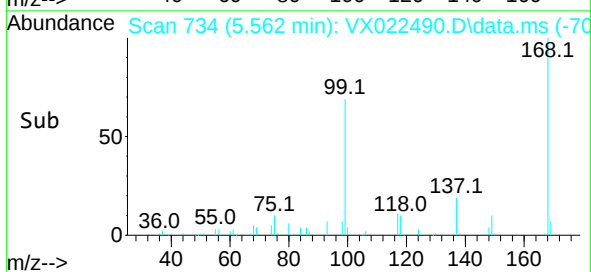
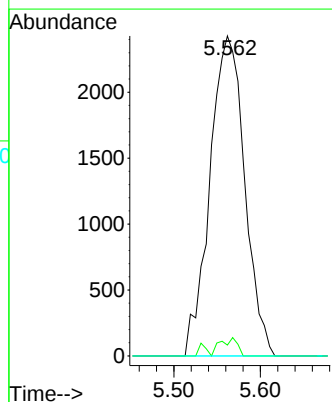
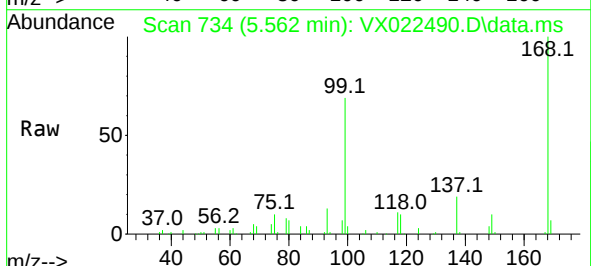


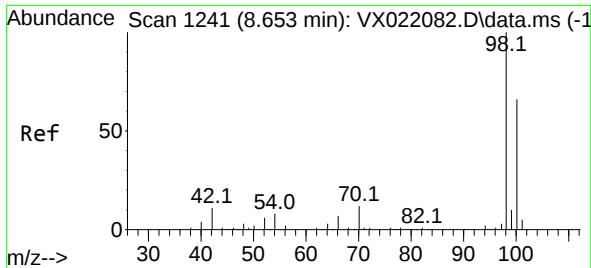
Tgt Ion: 75 Resp: 5862
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.029 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

Tgt Ion: 117 Resp: 6764
Ion Ratio Lower Upper
117 100
119 3.4 76.2 114.2#
121 0.0 24.8 37.2#

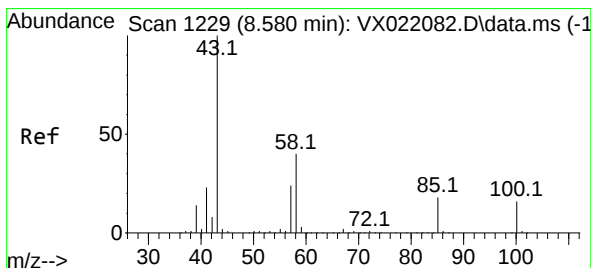
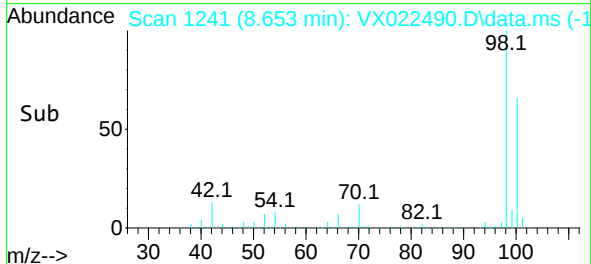
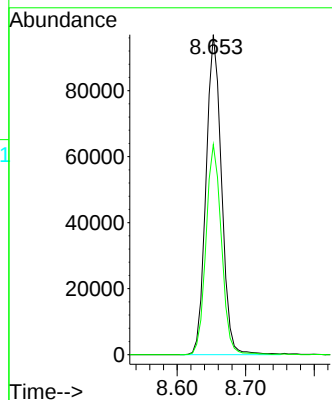
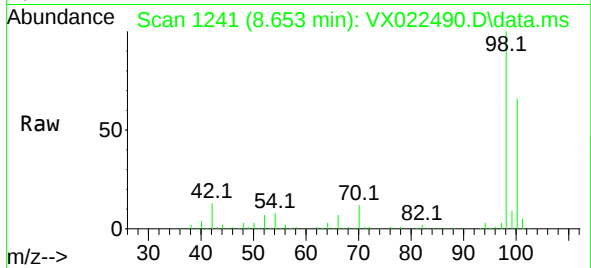




#50
Toluene-d8
Concen: 50.394 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

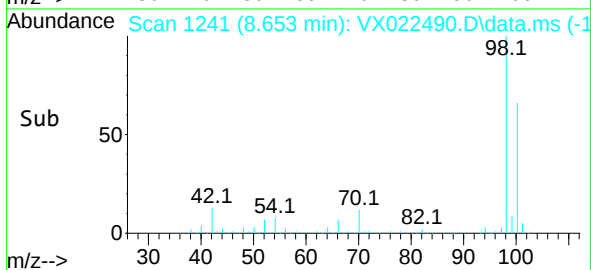
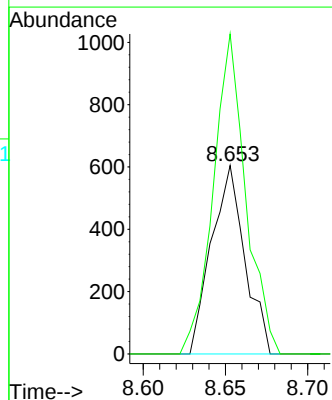
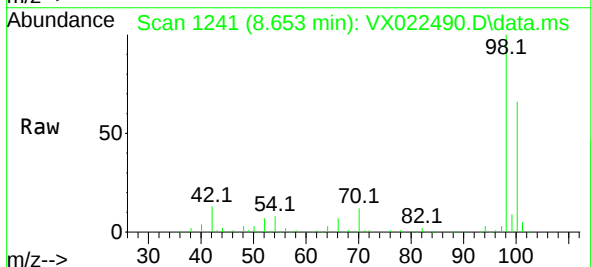
Instrument :
MSVOA_X
ClientSampled :
17

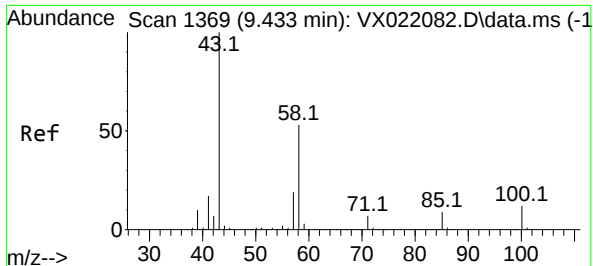
Tgt Ion: 98 Resp: 152682
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.619 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

Tgt Ion: 43 Resp: 852
Ion Ratio Lower Upper
43 100
58 165.4 35.4 53.0#

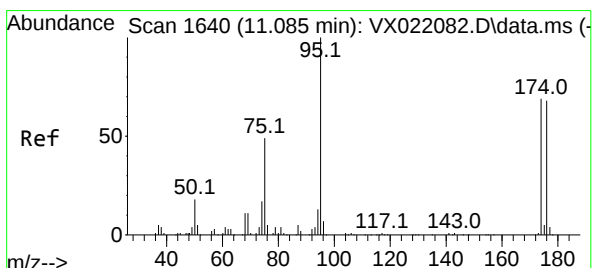
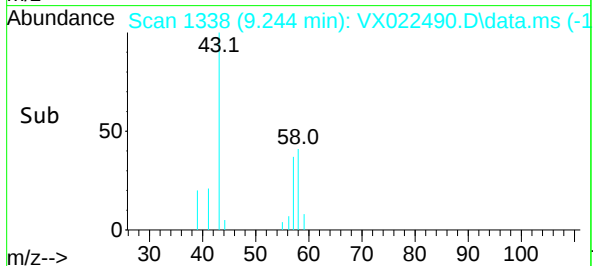
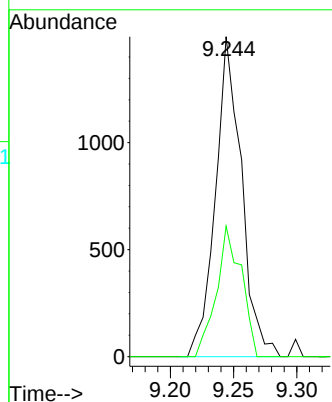
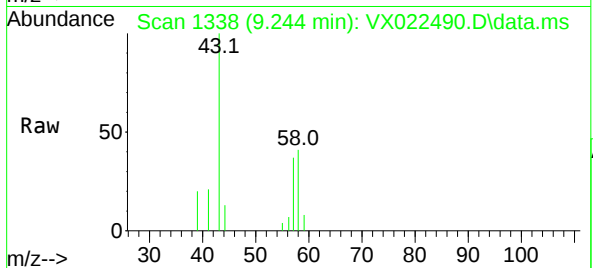




#59
2-Hexanone
Concen: 2.067 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. -0.189 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

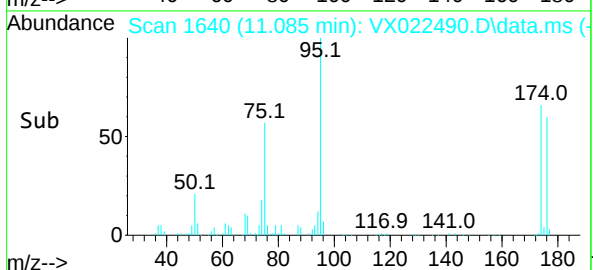
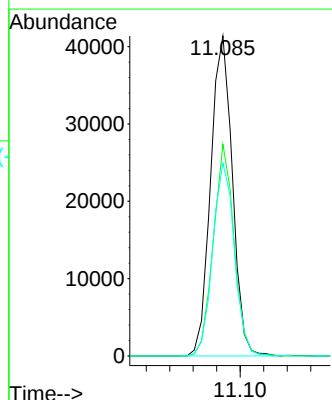
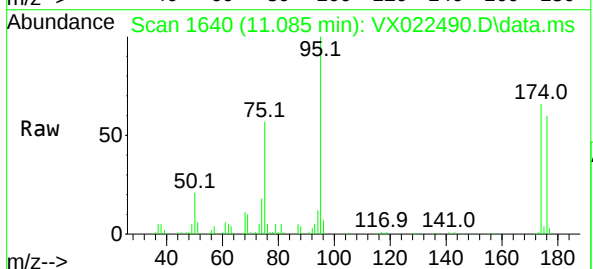
Instrument :
MSVOA_X
ClientSampled :
17

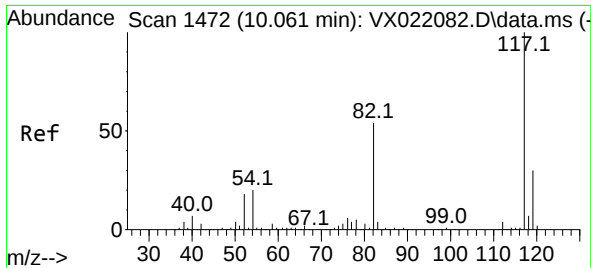
Tgt Ion: 43 Resp: 2141
Ion Ratio Lower Upper
43 100
58 38.9 30.9 92.8



#62
4-Bromofluorobenzene
Concen: 47.411 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

Tgt Ion: 95 Resp: 53093
Ion Ratio Lower Upper
95 100
174 63.0 0.0 154.6
176 60.4 0.0 155.8

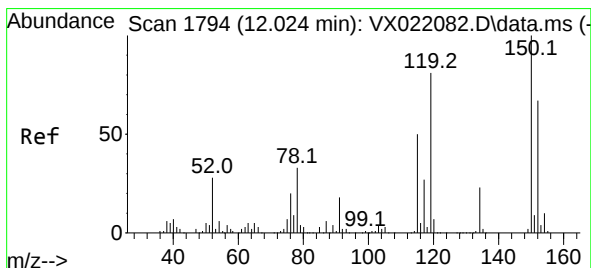
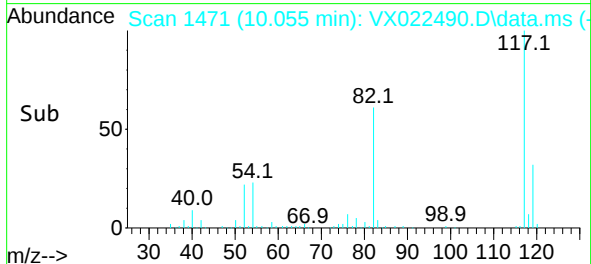
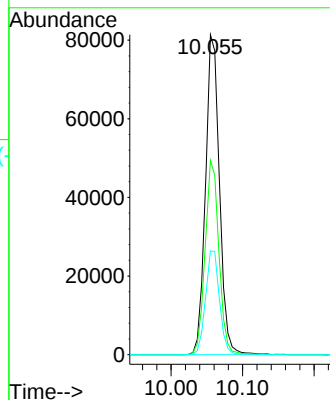
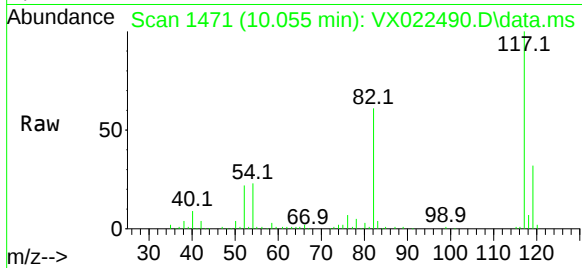




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

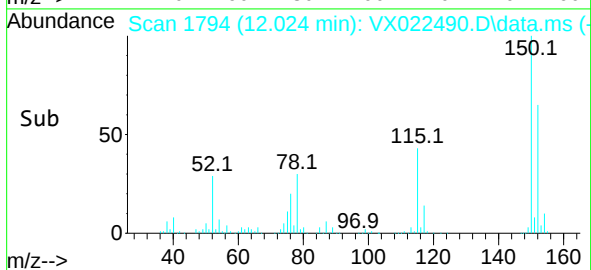
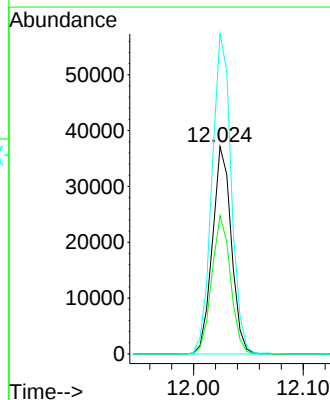
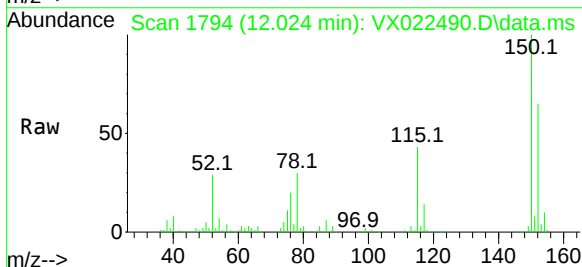
Instrument :
MSVOA_X
ClientSampleId :
17

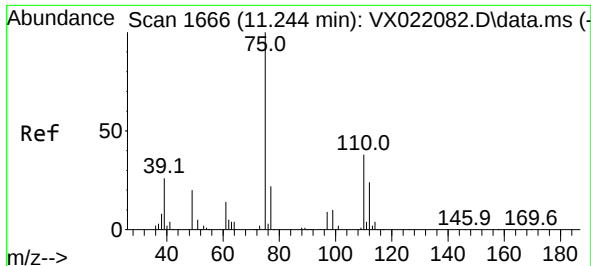
Tgt Ion:117 Resp: 110730
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 32.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

Tgt Ion:152 Resp: 44456
Ion Ratio Lower Upper
152 100
115 66.3 41.1 123.3
150 157.3 0.0 349.0

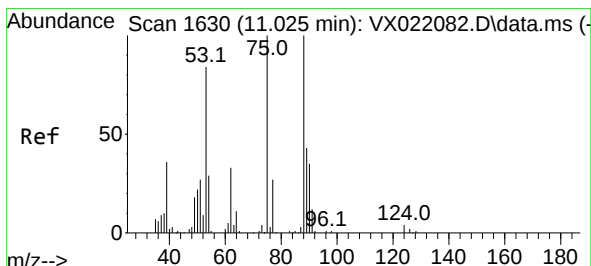
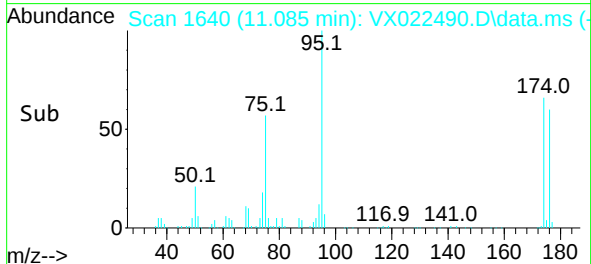
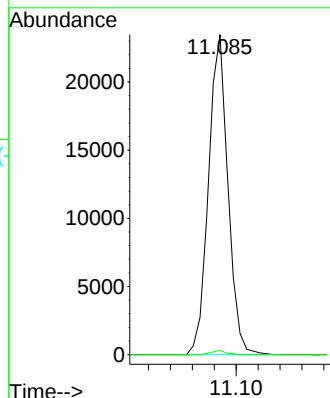
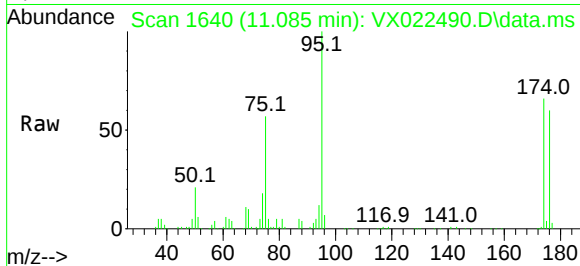




#76
1,2,3-Trichloropropane
Concen: 26.291 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

Instrument :
MSVOA_X
ClientSampled :
17

Tgt Ion: 75 Resp: 28834
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.292 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022490.D
Acq: 06 Jun 2021 20:07

Tgt Ion: 75 Resp: 28834
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

