

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022487.D
 Acq On : 06 Jun 2021 18:56
 Operator : JC/MD
 Sample : M2598-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 23

Quant Time: Jun 07 04:26:52 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)

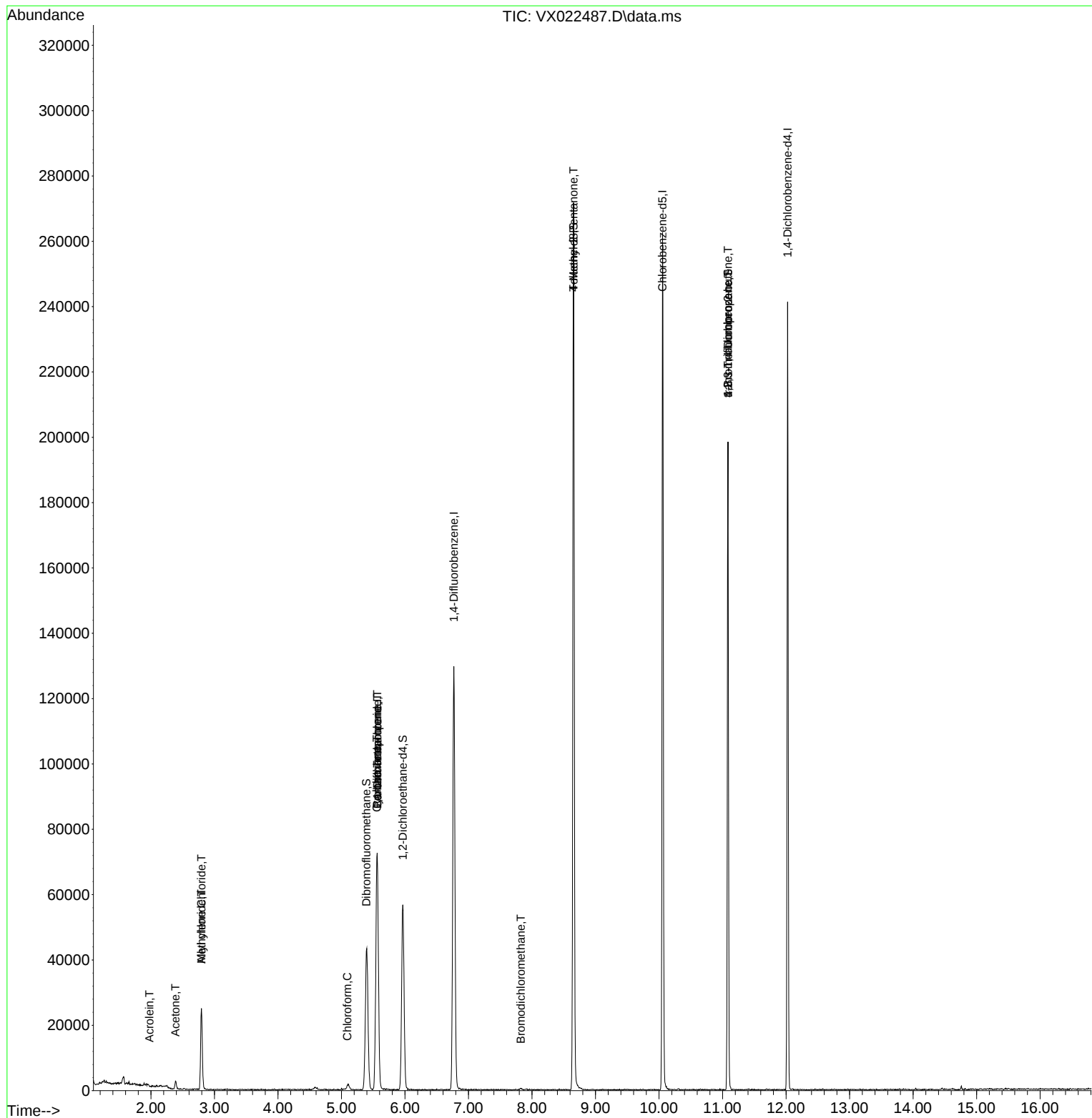
Internal Standards						
1) Pentafluorobenzene	5.562	168	63251	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	128734	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52033	53.329	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.660%	
35) Dibromofluoromethane	5.391	113	37973	46.514	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.020%	
50) Toluene-d8	8.653	98	154726	49.201	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.400%	
62) 4-Bromofluorobenzene	11.085	95	52809	45.433	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.860%	
Target Compounds						
					Qvalue	
13) Acrolein	1.977	56	45	0.304	ug/l	# 14
14) Allyl chloride	2.794	41	642	0.482	ug/l	# 25
16) Acetone	2.386	43	2734	6.435	ug/l	89
20) Methylene Chloride	2.794	84	11076	11.742	ug/l	90
30) Chloroform	5.092	83	1102	0.709	ug/l	# 63
31) Cyclohexane	5.556	56	1747	1.425	ug/l	# 35
36) 1,1-Dichloropropene	5.562	75	6244	5.245	ug/l	# 48
38) Carbon Tetrachloride	5.562	117	7198	6.181	ug/l	# 15
47) Bromodichloromethane	7.824	83	345	0.272	ug/l	# 86
51) 4-Methyl-2-Pentanone	8.653	43	799	0.559	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	28878	27.513	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28878	65.189	ug/l	# 12

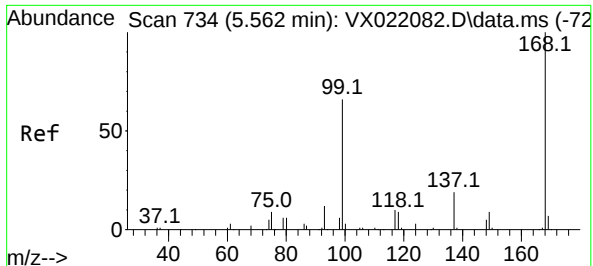
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampled :
23

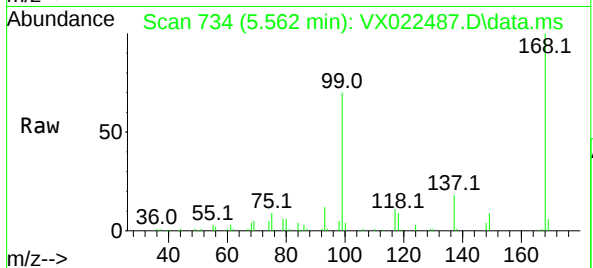
Quant Time: Jun 07 04:26:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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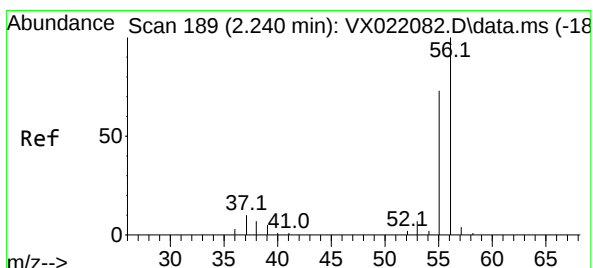
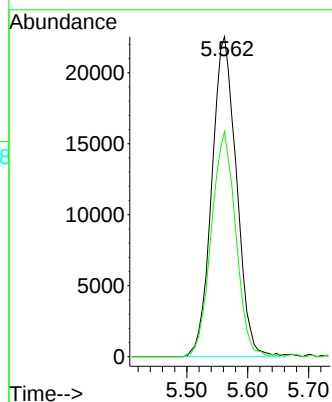
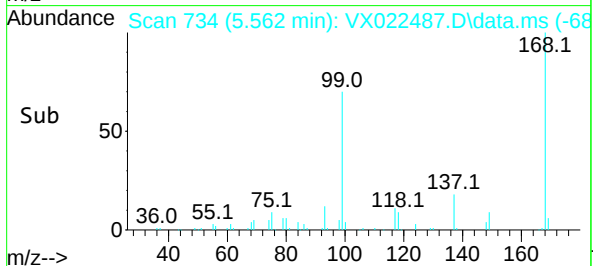


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

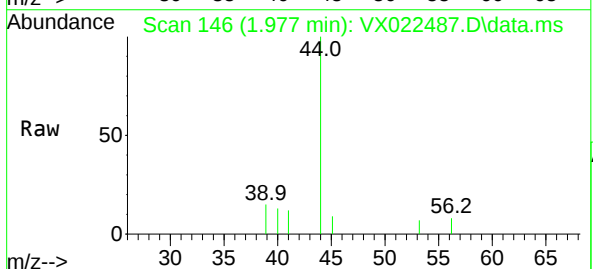
Instrument :
MSVOA_X
ClientSampled :
23



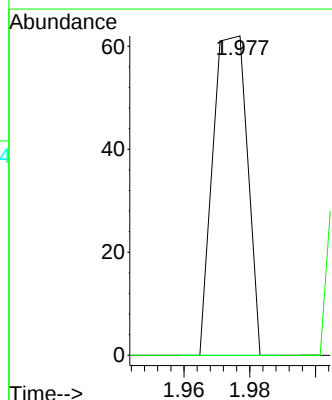
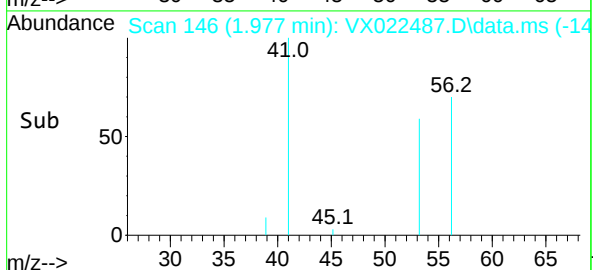
Tgt Ion:168 Resp: 63251
Ion Ratio Lower Upper
168 100
99 70.3 45.8 68.6#

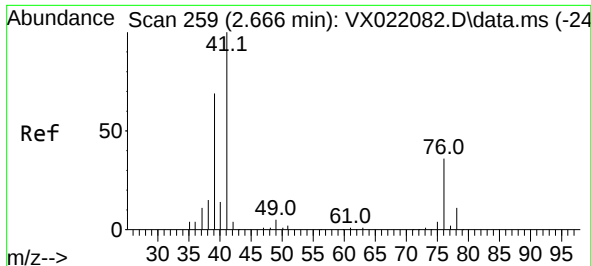


#13
Acrolein
Concen: 0.304 ug/l
RT: 1.977 min Scan# 146
Delta R.T. -0.263 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56



Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

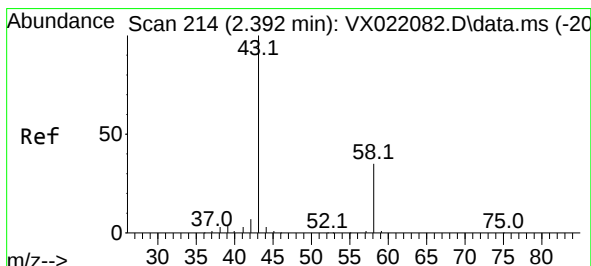
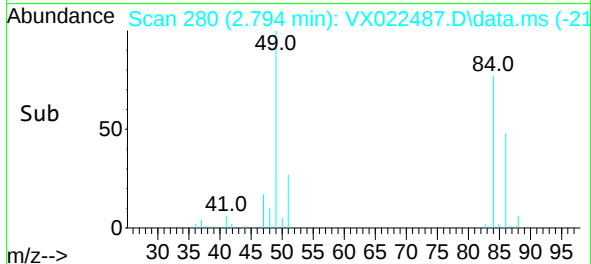
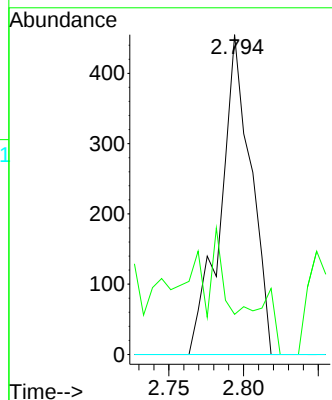
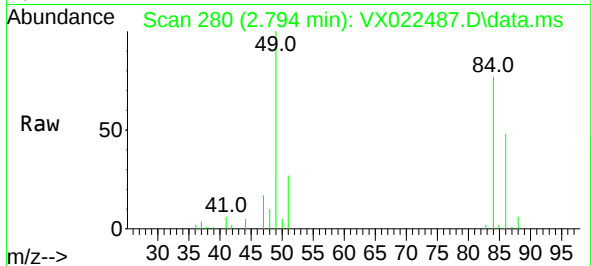




#14
 Allyl chloride
 Concen: 0.482 ug/l
 RT: 2.794 min Scan# 280
 Delta R.T. 0.128 min
 Lab File: VX022487.D
 Acq: 06 Jun 2021 18:56

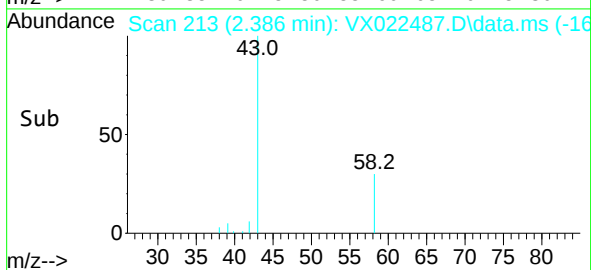
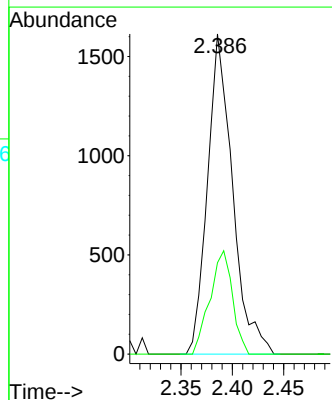
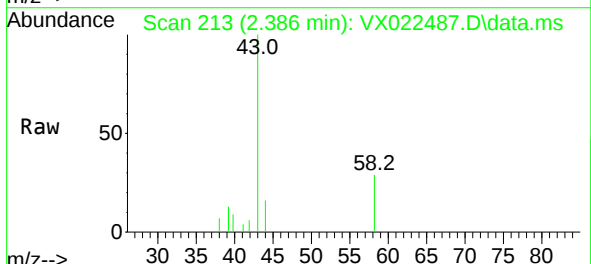
Instrument :
 MSVOA_X
 ClientSampled :
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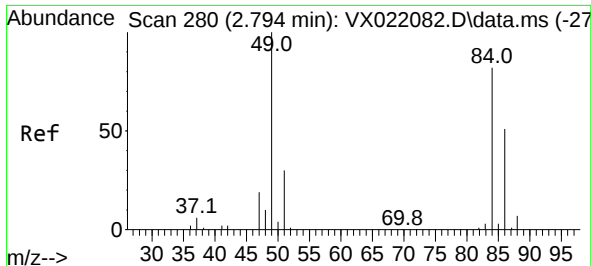
Tgt Ion: 41 Resp: 642
 Ion Ratio Lower Upper
 41 100
 39 0.0 51.6 77.4#
 76 0.0 30.5 45.7#



#16
 Acetone
 Concen: 6.435 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX022487.D
 Acq: 06 Jun 2021 18:56

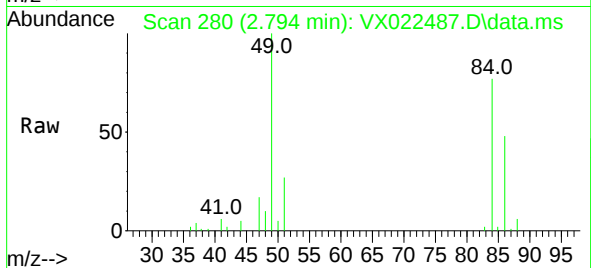
Tgt Ion: 43 Resp: 2734
 Ion Ratio Lower Upper
 43 100
 58 28.5 27.8 41.8



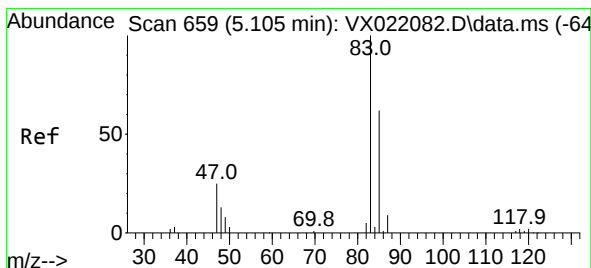
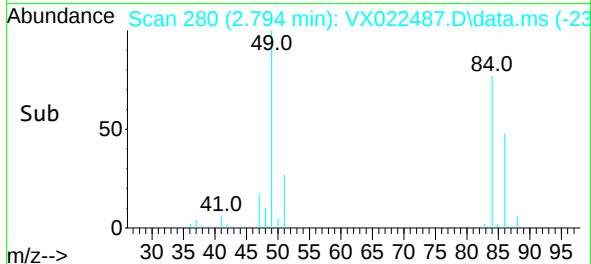
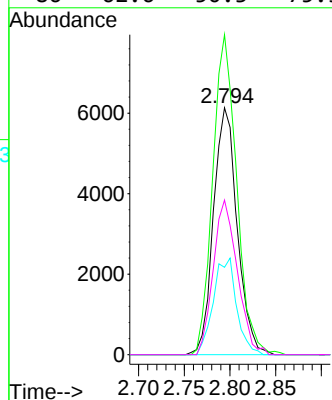


#20
Methylene Chloride
Concen: 11.742 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

Instrument :
MSVOA_X
ClientSampleId :
23

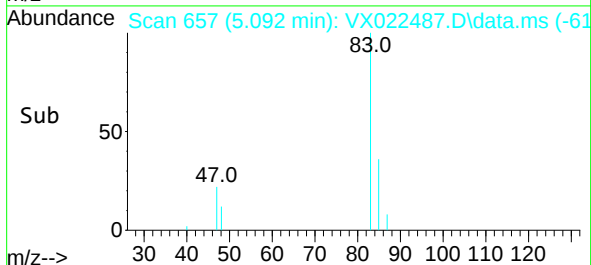
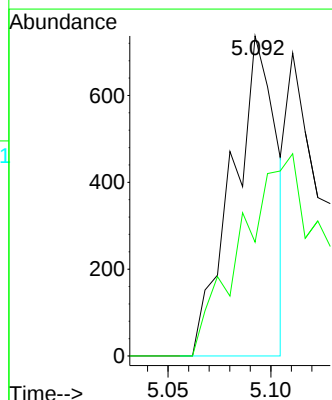
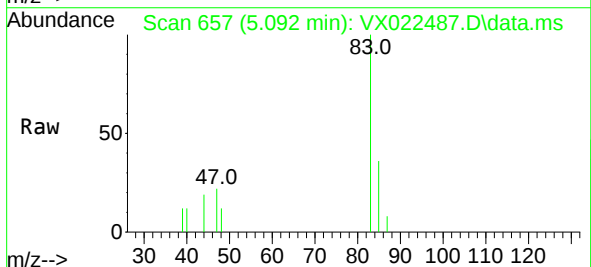


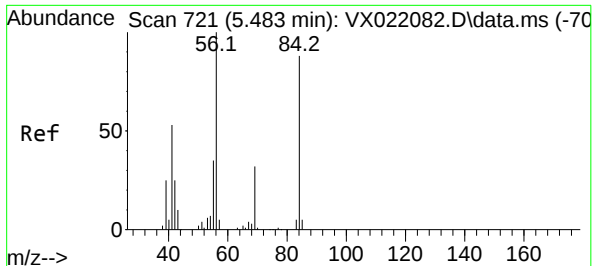
Tgt Ion:	84	Resp:	11076
Ion	Ratio	Lower	Upper
84	100		
49	129.6	88.6	132.8
51	35.4	27.0	40.6
86	62.6	50.3	75.5



#30
Chloroform
Concen: 0.709 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.013 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

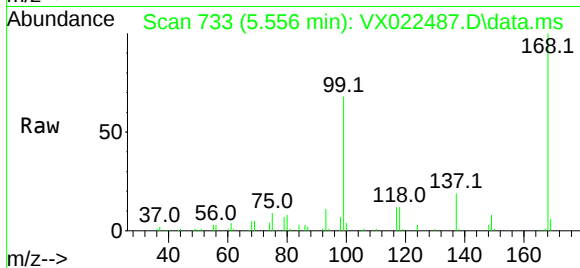
Tgt Ion:	83	Resp:	1102
Ion	Ratio	Lower	Upper
83	100		
85	35.5	52.0	78.0#



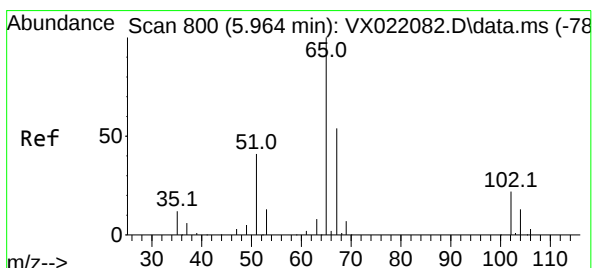
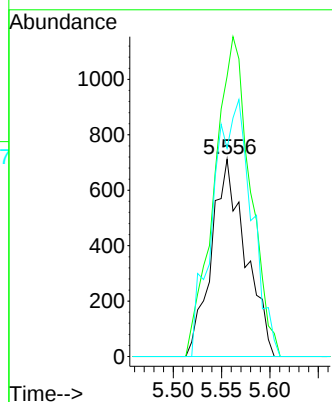
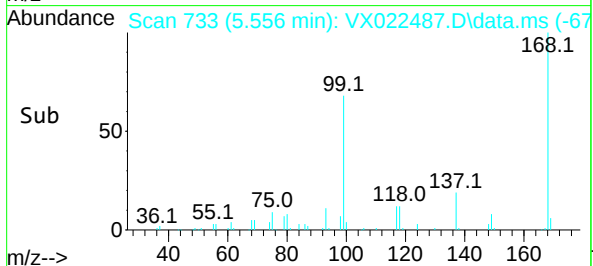


#31
Cyclohexane
Concen: 1.425 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

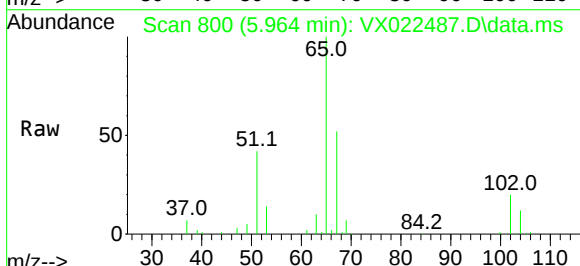
Instrument :
MSVOA_X
ClientSampleId :
23



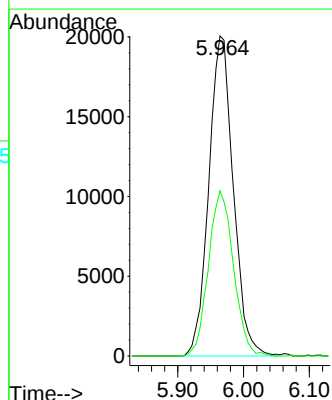
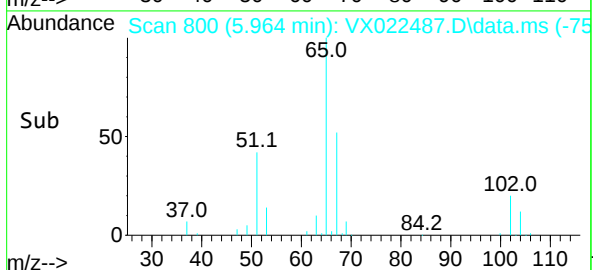
Tgt Ion: 56 Resp: 1747
Ion Ratio Lower Upper
56 100
69 142.0 25.3 37.9#
84 105.5 71.4 107.0

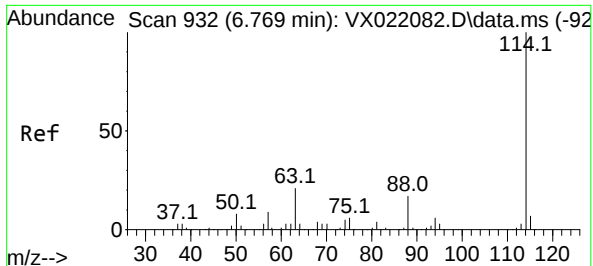


#33
1,2-Dichloroethane-d4
Concen: 53.329 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56



Tgt Ion: 65 Resp: 52033
Ion Ratio Lower Upper
65 100
67 52.8 0.0 105.4

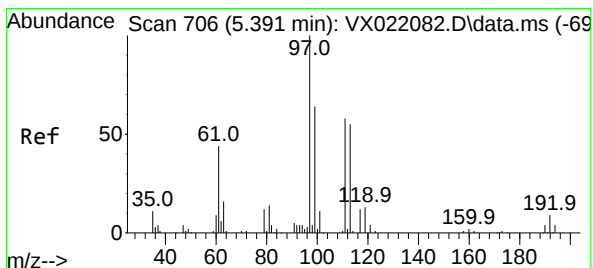
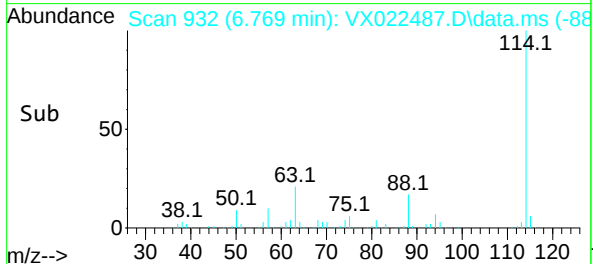
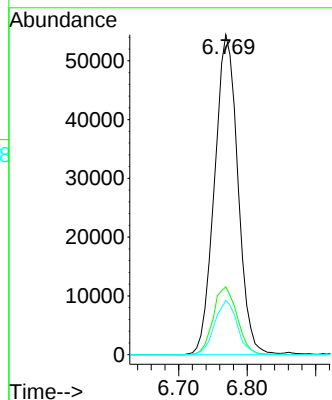
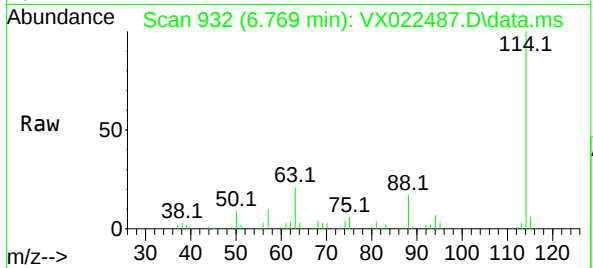




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

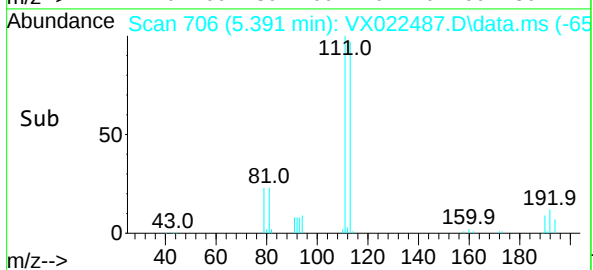
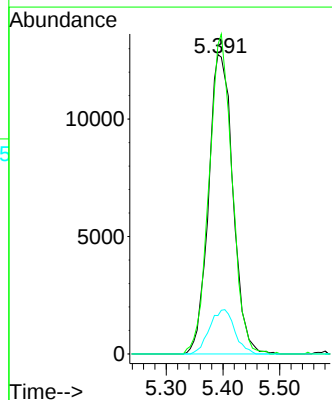
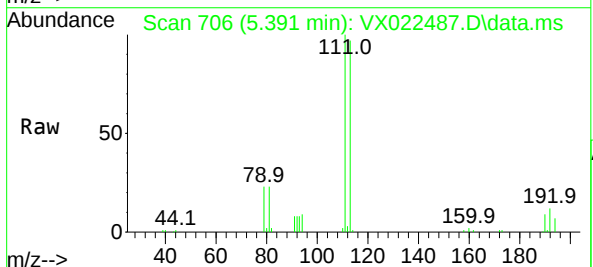
Instrument :
MSVOA_X
ClientSampleId :
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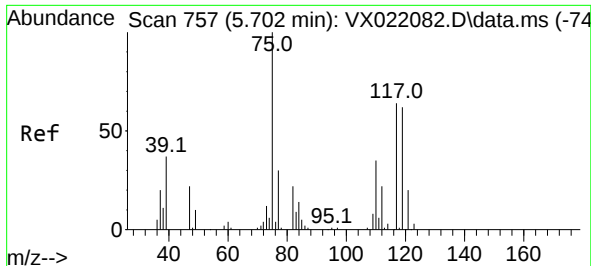
Tgt Ion:114 Resp: 128734
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.514 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

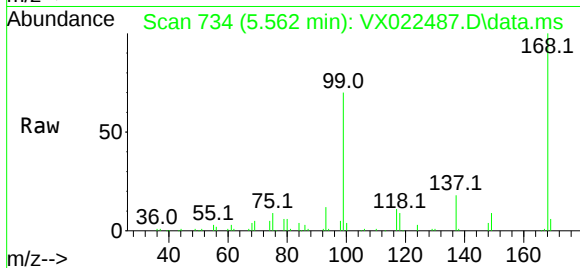
Tgt Ion:113 Resp: 37973
Ion Ratio Lower Upper
113 100
111 101.0 81.9 122.9
192 15.2 16.7 25.1#



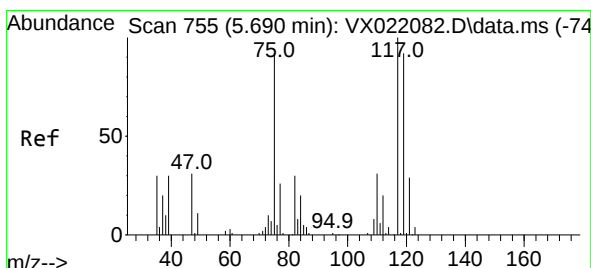
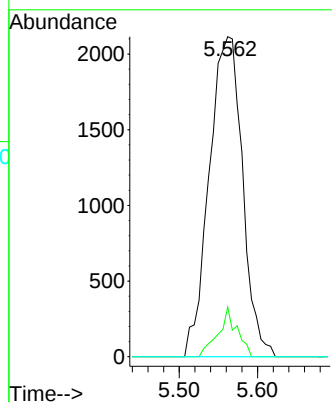
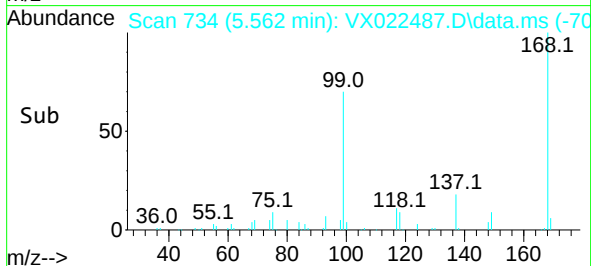


#36
1,1-Dichloropropene
Concen: 5.245 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

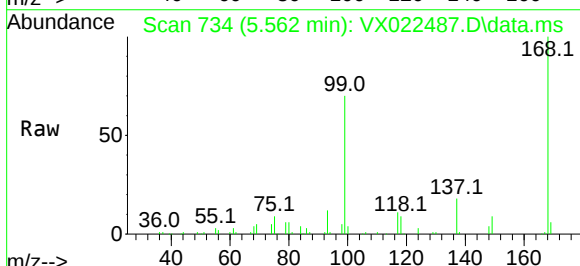
Instrument :
MSVOA_X
ClientSampled :
23



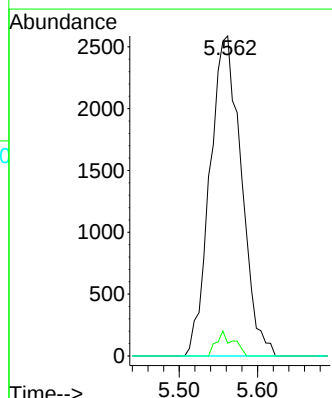
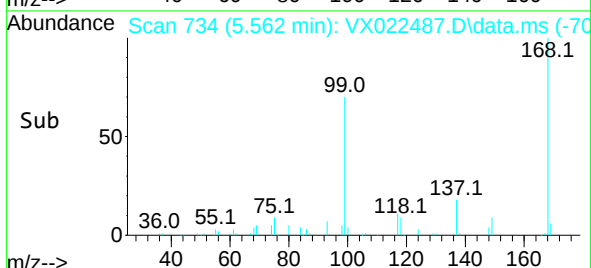
Tgt Ion: 75 Resp: 6244
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#

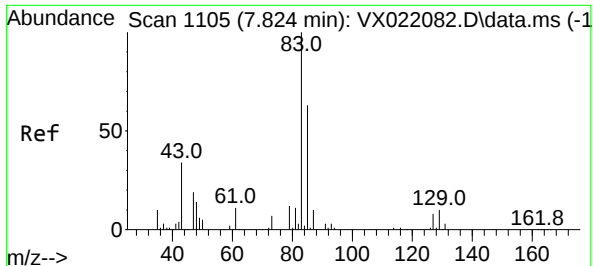


#38
Carbon Tetrachloride
Concen: 6.181 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56



Tgt Ion: 117 Resp: 7198
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

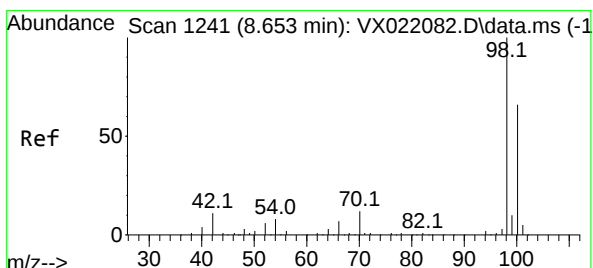
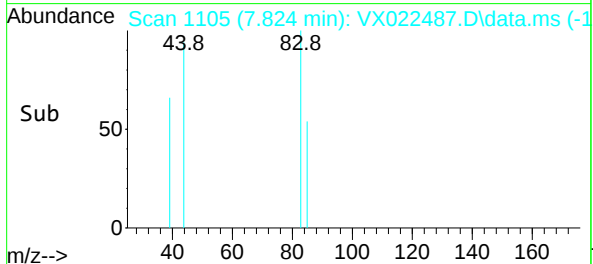
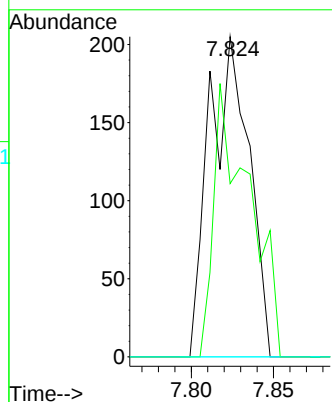
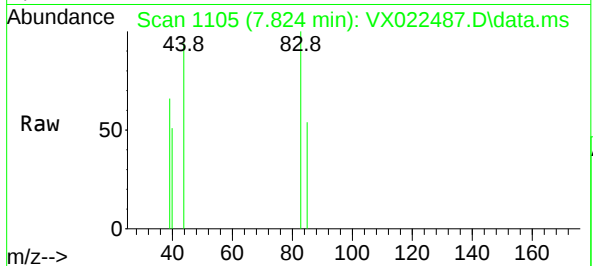




#47
Bromodichloromethane
Concen: 0.272 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

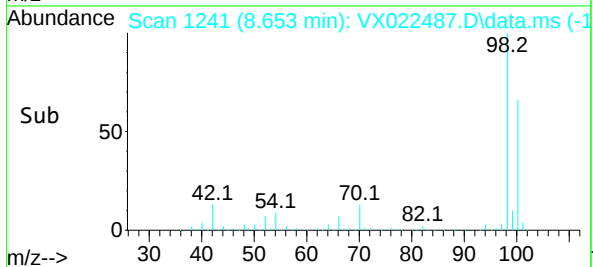
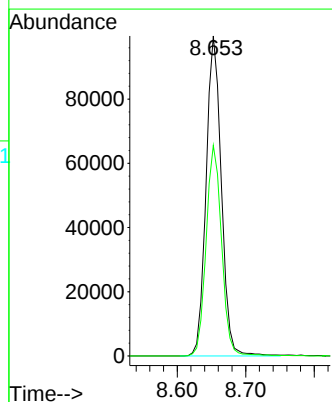
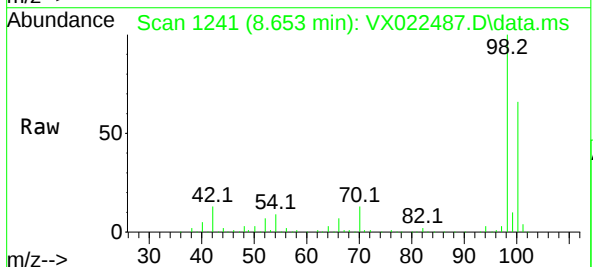
Instrument :
MSVOA_X
ClientSampled :
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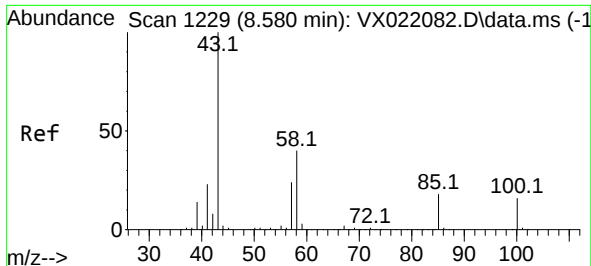
Tgt Ion: 83 Resp: 345
Ion Ratio Lower Upper
83 100
85 54.1 51.4 77.0
127 0.0 6.8 10.2#



#50
Toluene-d8
Concen: 49.201 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

Tgt Ion: 98 Resp: 154726
Ion Ratio Lower Upper
98 100
100 66.7 51.9 77.9

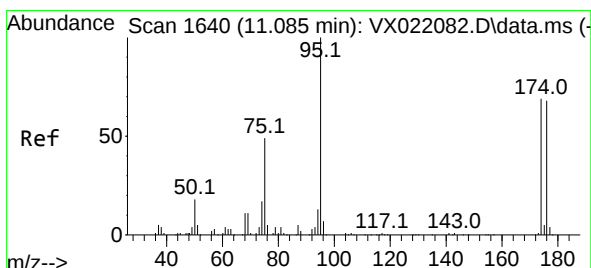
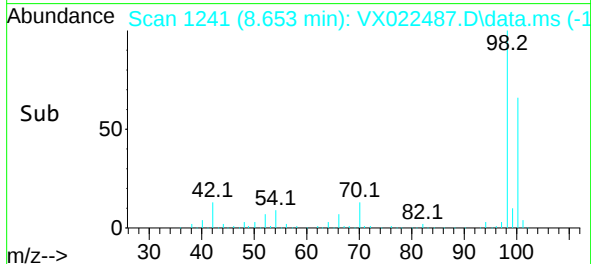
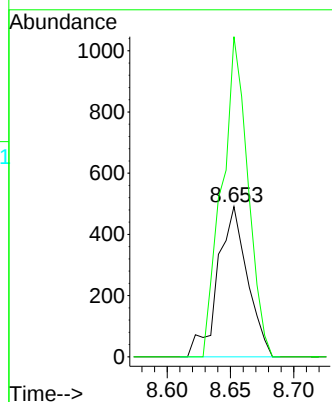
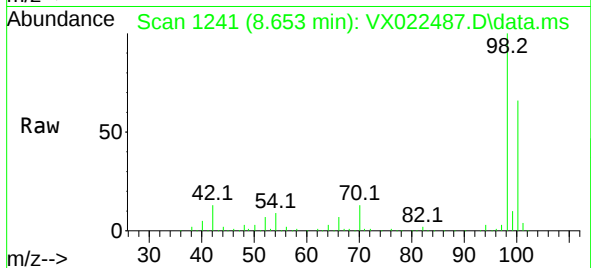




#51
4-Methyl-2-Pentanone
Concen: 0.559 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

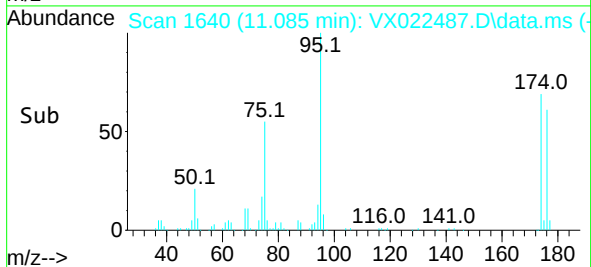
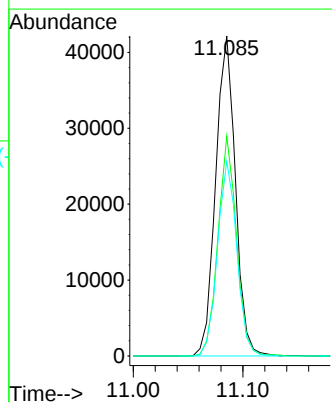
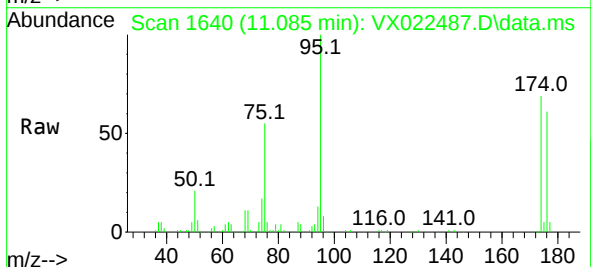
Instrument :
MSVOA_X
ClientSampled :
23

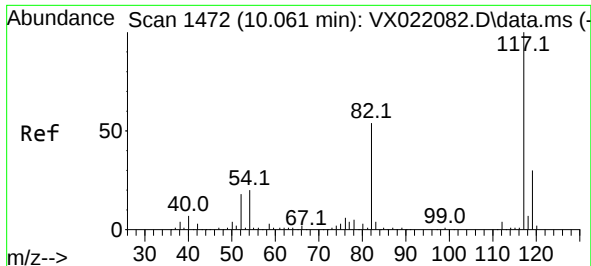
Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
58 187.5 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.433 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

Tgt Ion: 95 Resp: 52809
Ion Ratio Lower Upper
95 100
174 64.5 0.0 154.6
176 59.7 0.0 155.8

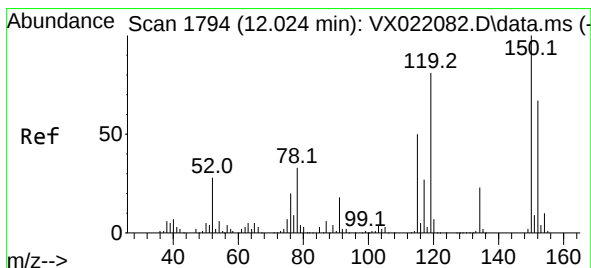
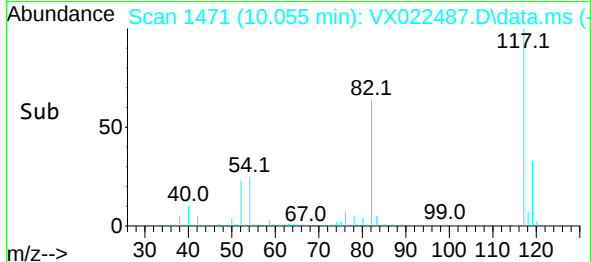
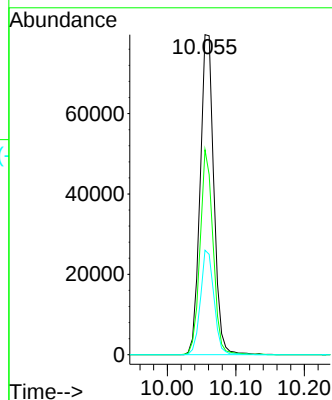
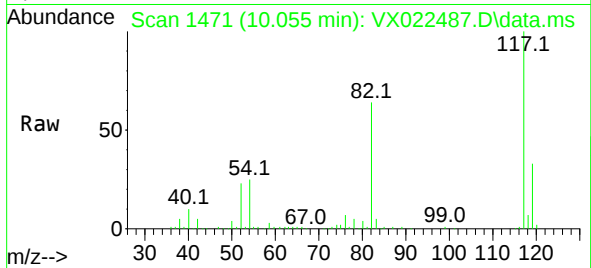




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

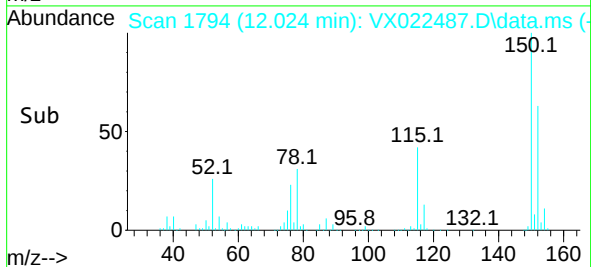
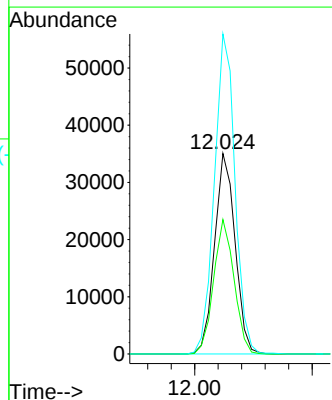
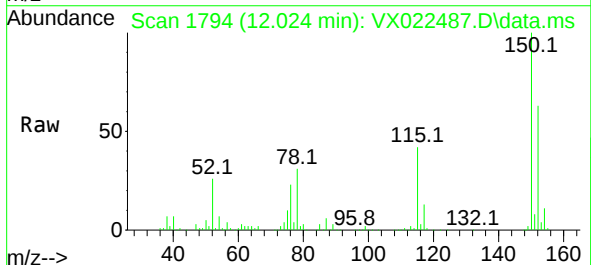
Instrument :
MSVOA_X
ClientSampled :
23

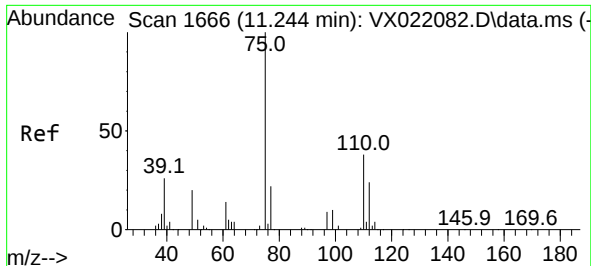
Tgt Ion:117 Resp: 111113
Ion Ratio Lower Upper
117 100
82 64.0 47.4 71.2
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

Tgt Ion:152 Resp: 42545
Ion Ratio Lower Upper
152 100
115 66.6 41.1 123.3
150 159.9 0.0 349.0

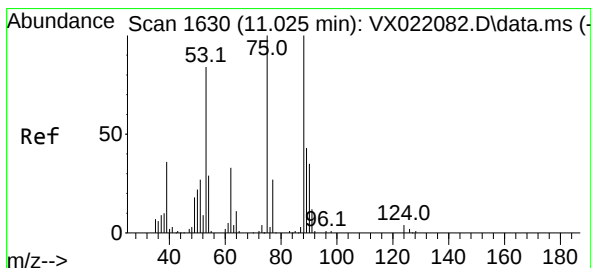
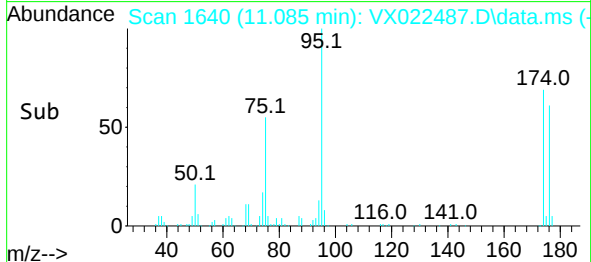
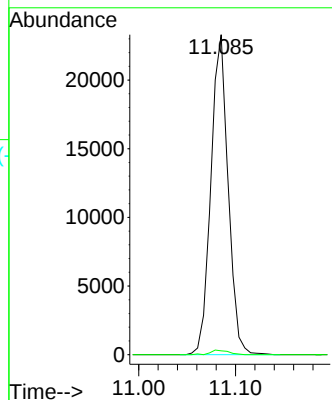
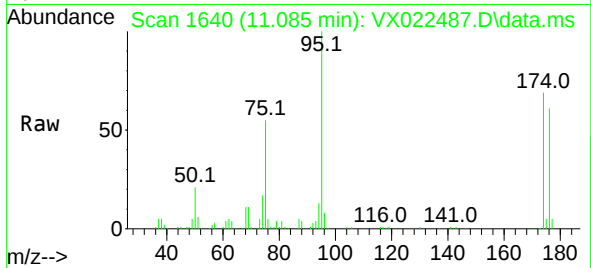




#76
1,2,3-Trichloropropane
Concen: 27.513 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

Instrument :
MSVOA_X
ClientSampled :
23

Tgt Ion: 75 Resp: 28878
Ion Ratio Lower Upper
75 100
77 1.5 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.189 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022487.D
Acq: 06 Jun 2021 18:56

Tgt Ion: 75 Resp: 28878
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

