

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023598.D
 Acq On : 06 Aug 2021 15:56
 Operator : JC/MD
 Sample : M3320-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 04:45:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

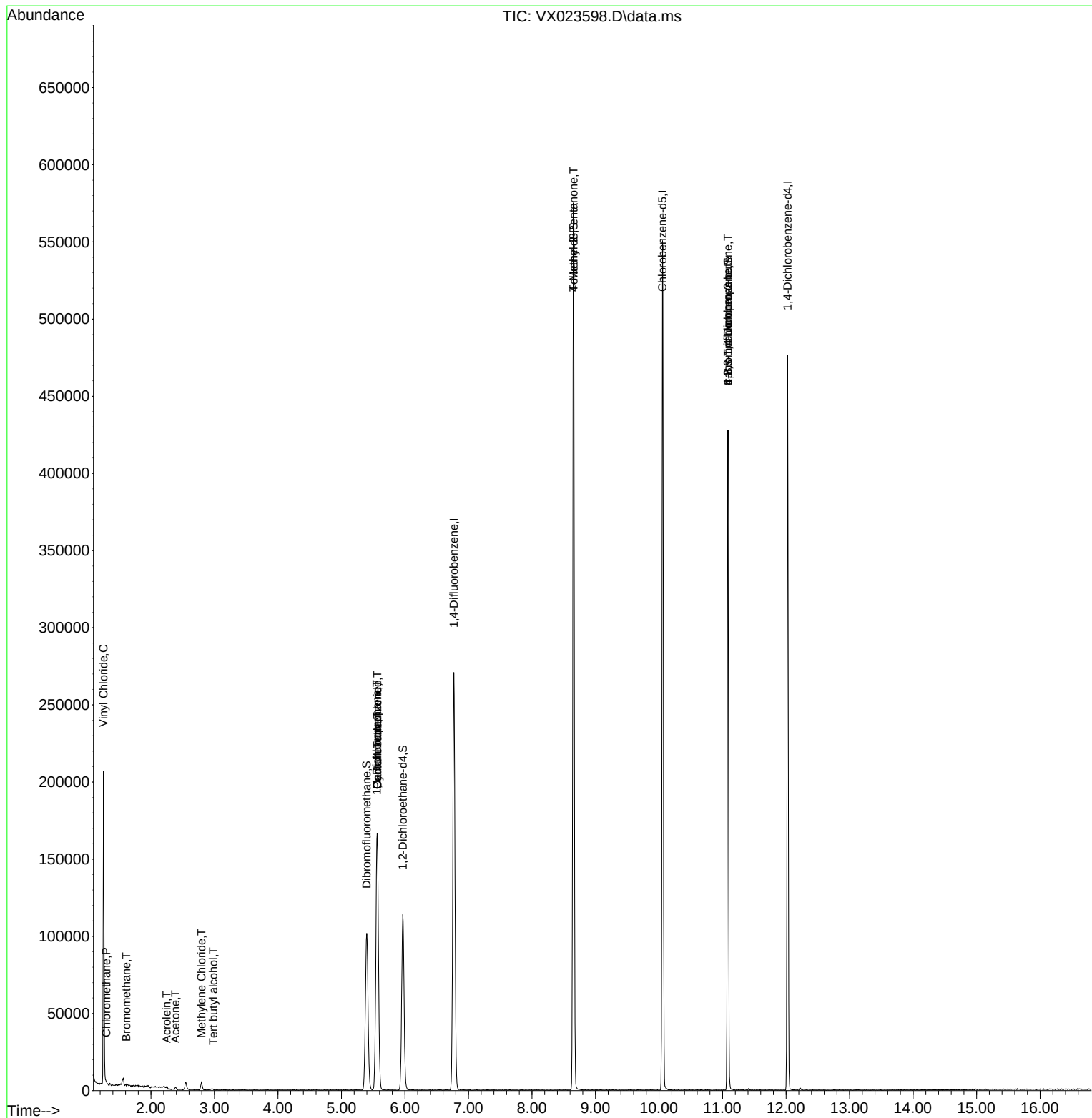
Internal Standards						
1) Pentafluorobenzene	5.562	168	161147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273433	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107294	53.376	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.760%	
35) Dibromofluoromethane	5.397	113	88677	51.869	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.740%	
50) Toluene-d8	8.653	98	330048	52.545	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.100%	
62) 4-Bromofluorobenzene	11.085	95	105787	49.529	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	618	0.358	ug/l #	88
4) Vinyl Chloride	1.252	62	1661	0.950	ug/l #	26
5) Bromomethane	1.611	94	709	0.683	ug/l	82
11) Tert butyl alcohol	2.983	59	581	1.265	ug/l #	73
13) Acrolein	2.245	56	21	1.453	ug/l #	1
16) Acetone	2.386	43	1739	1.764	ug/l	92
20) Methylene Chloride	2.794	84	2005	1.045	ug/l #	75
31) Cyclohexane	5.562	56	3590	1.206	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	12307	4.976	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16446	6.538	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1638	0.554	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	56655	27.133	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	56655	72.959	ug/l #	12

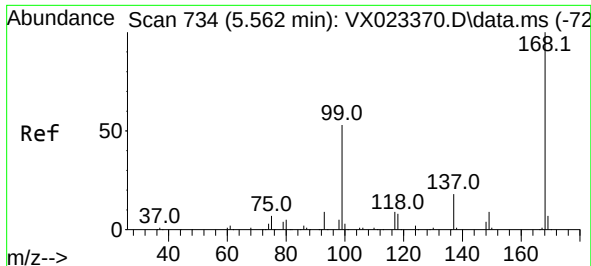
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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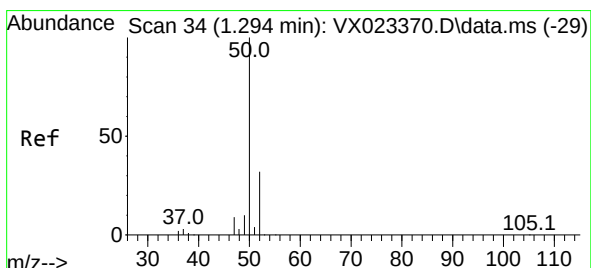
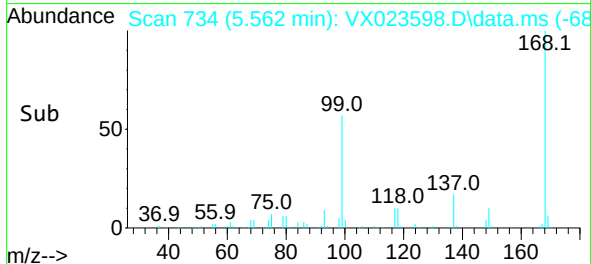
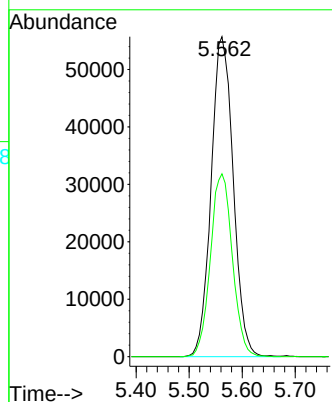
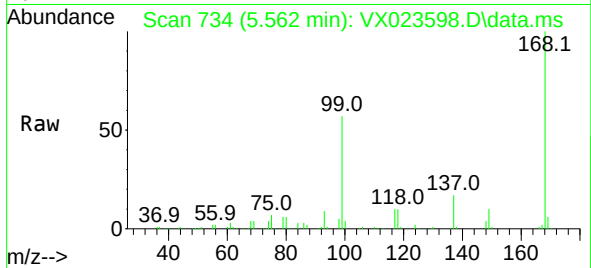




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56

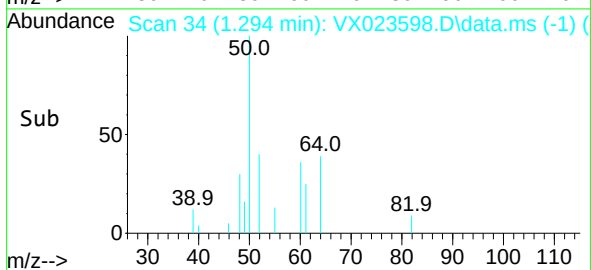
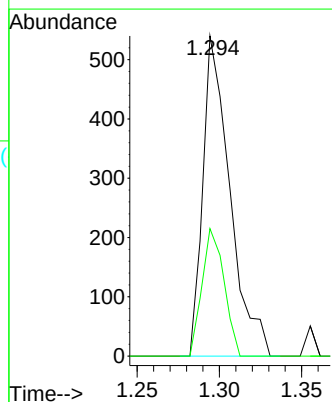
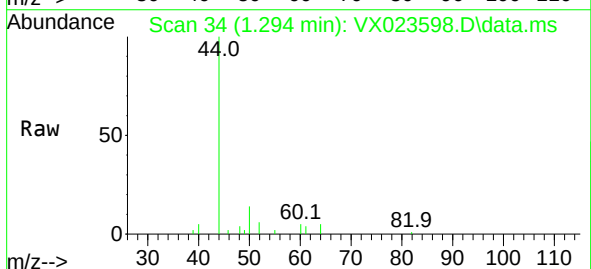
Instrument :
MSVOA_X
ClientSampled :

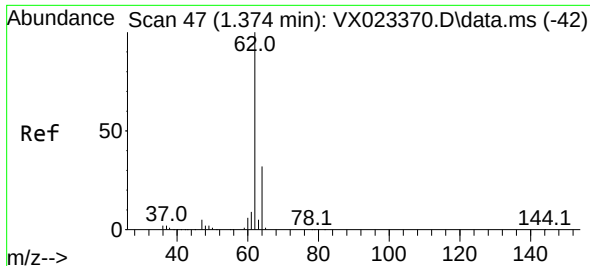
Tgt Ion:168 Resp: 161147
Ion Ratio Lower Upper
168 100
99 57.1 45.8 68.6



#3
Chloromethane
Concen: 0.358 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56

Tgt Ion: 50 Resp: 618
Ion Ratio Lower Upper
50 100
52 39.8 26.4 39.6#

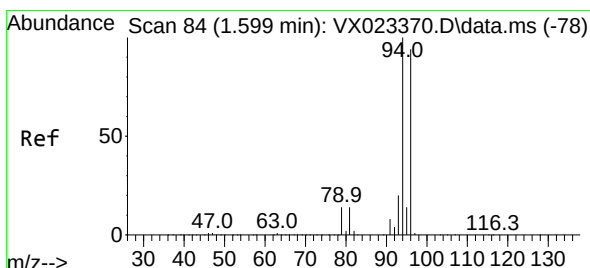
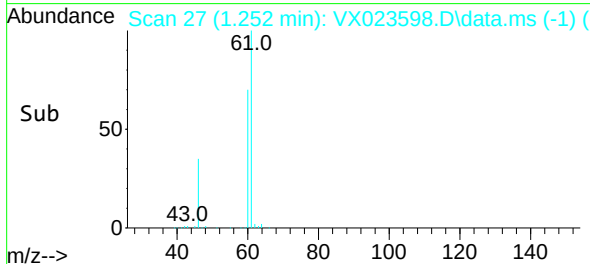
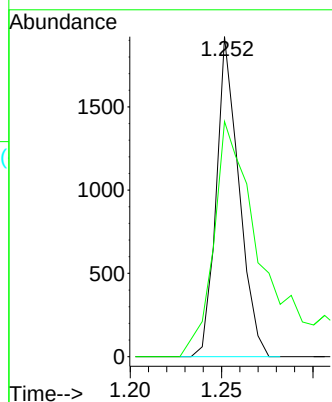
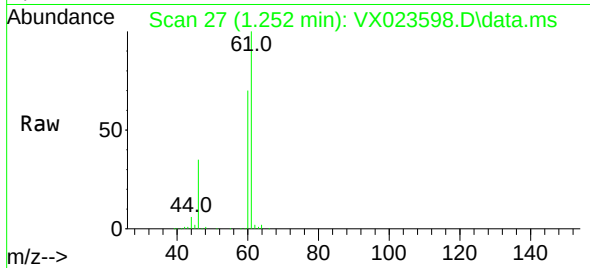




#4
 Vinyl Chloride
 Concen: 0.950 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023598.D
 Acq: 06 Aug 2021 15:56

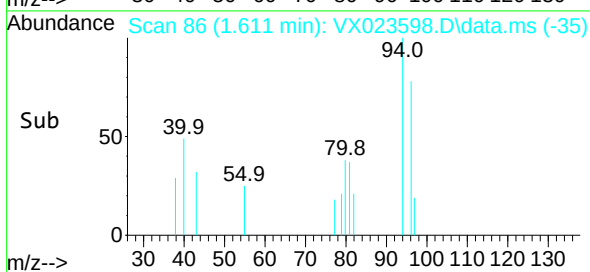
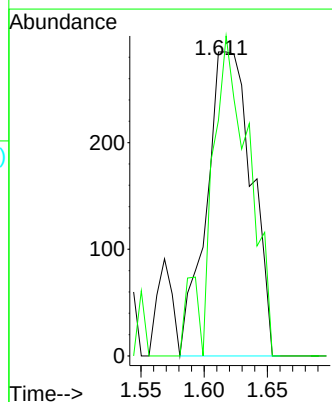
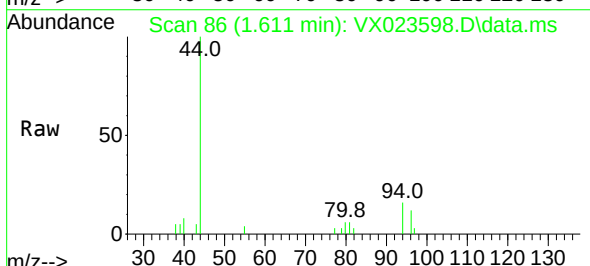
Instrument :
 MSVOA_X
 ClientSampled :

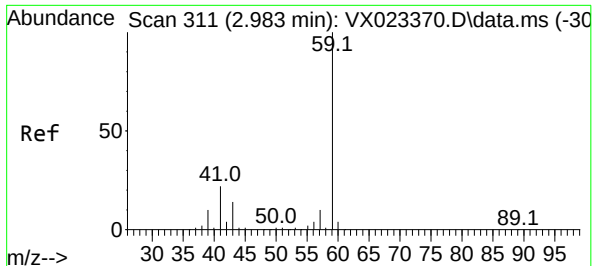
Tgt Ion: 62 Resp: 1661
 Ion Ratio Lower Upper
 62 100
 64 73.5 25.7 38.5#



#5
 Bromomethane
 Concen: 0.683 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX023598.D
 Acq: 06 Aug 2021 15:56

Tgt Ion: 94 Resp: 709
 Ion Ratio Lower Upper
 94 100
 96 77.5 76.4 114.6

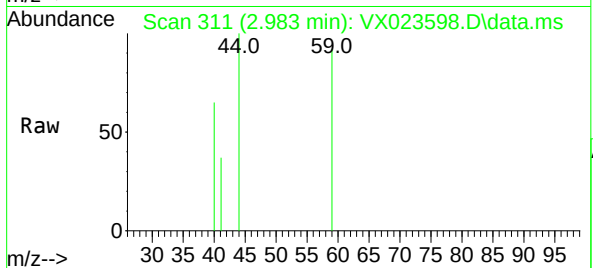




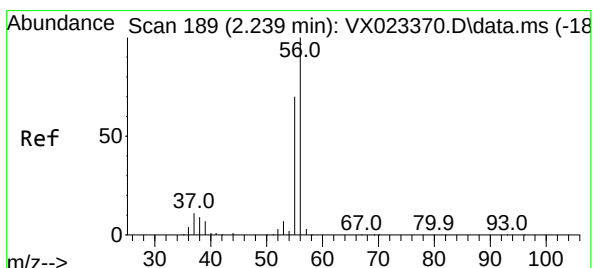
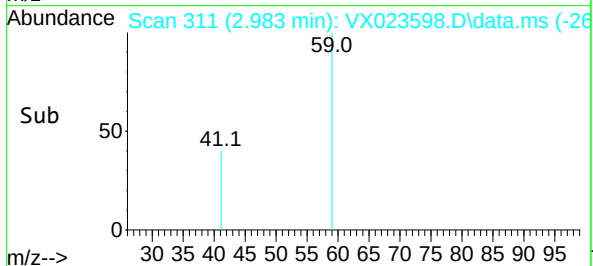
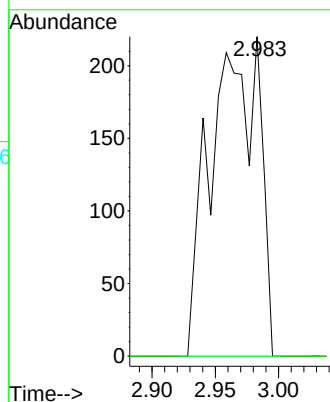
#11

Tert butyl alcohol
Concen: 1.265 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56

Instrument :
MSVOA_X
ClientSampled :

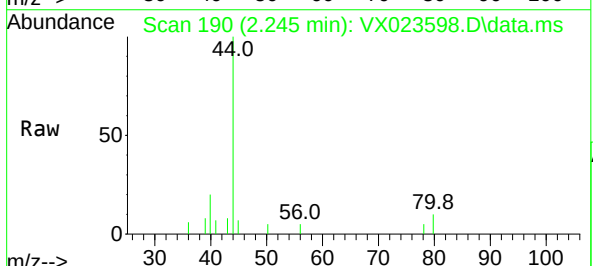


Tgt Ion: 59 Resp: 581
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

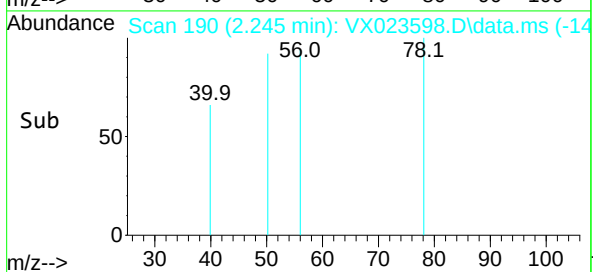
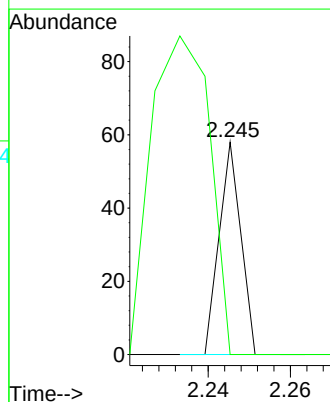


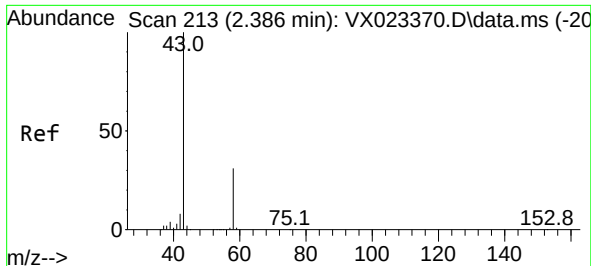
#13

Acrolein
Concen: 1.453 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56



Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 409.5 56.4 84.6#

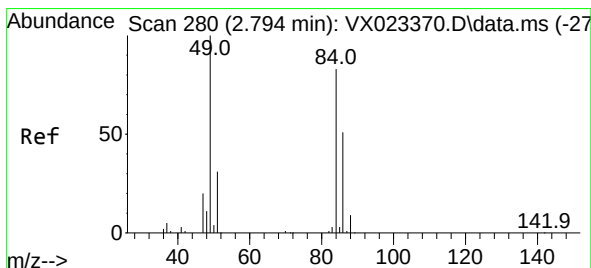
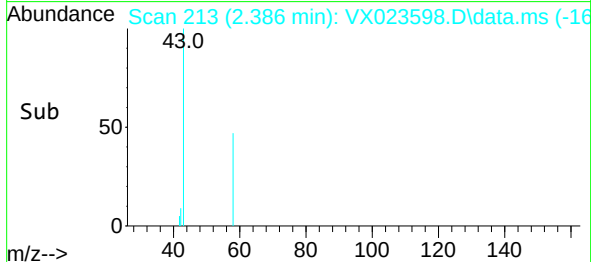
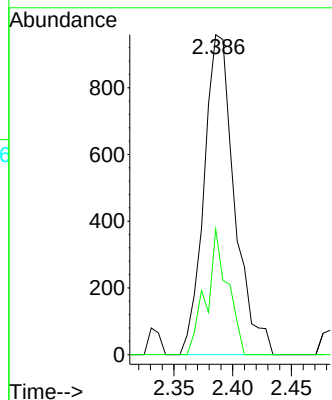
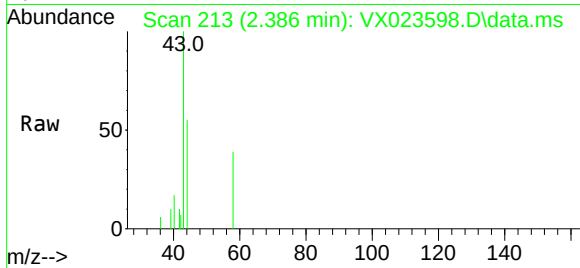




#16
Acetone
Concen: 1.764 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56

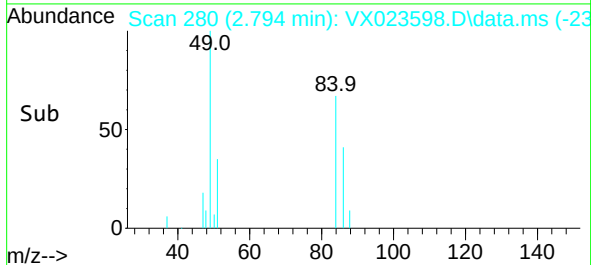
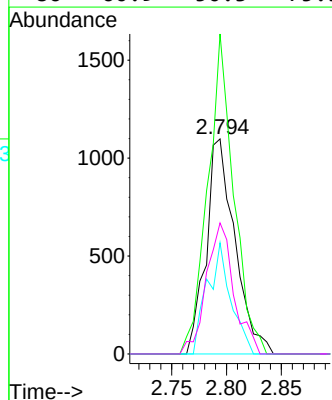
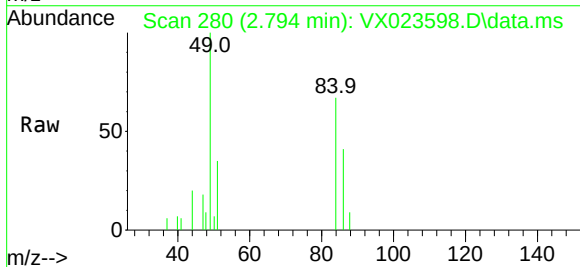
Instrument :
MSVOA_X
ClientSampled :

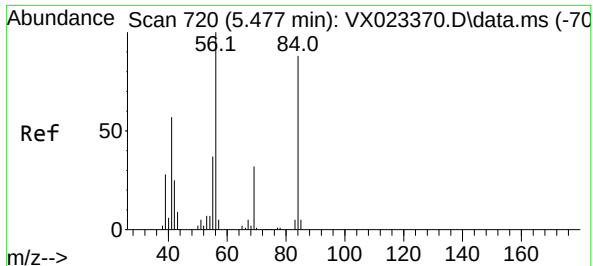
Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
58 39.2 27.8 41.8



#20
Methylene Chloride
Concen: 1.045 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56

Tgt Ion: 84 Resp: 2005
Ion Ratio Lower Upper
84 100
49 148.8 88.6 132.8#
51 51.7 27.0 40.6#
86 60.9 50.3 75.5

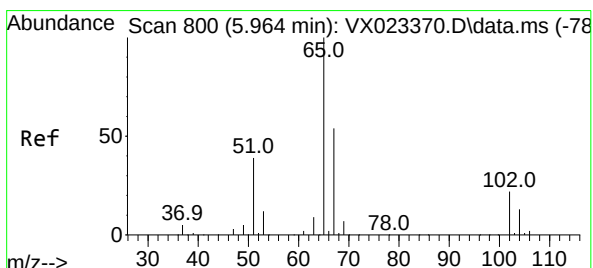
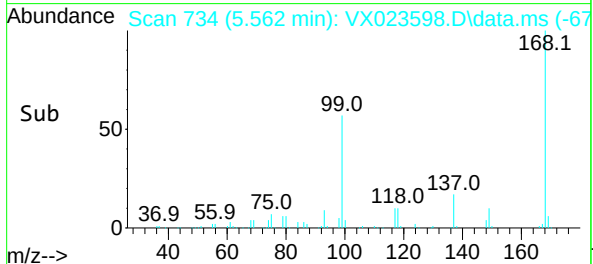
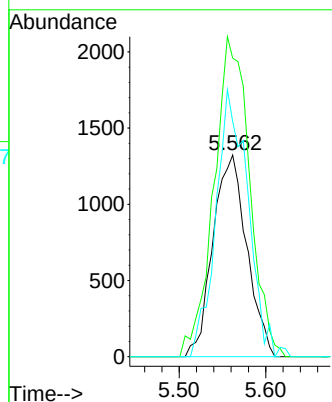
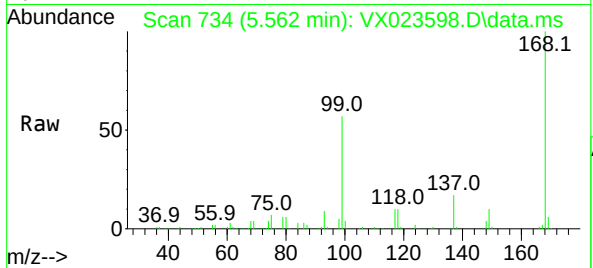




#31
Cyclohexane
Concen: 1.206 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56

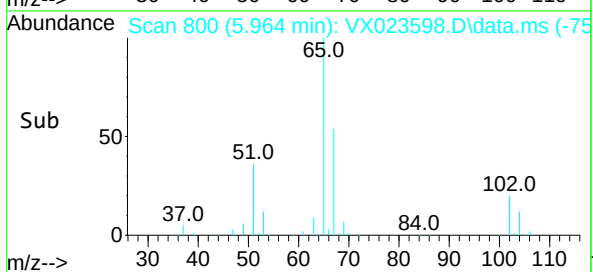
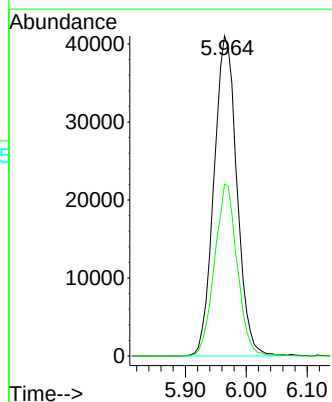
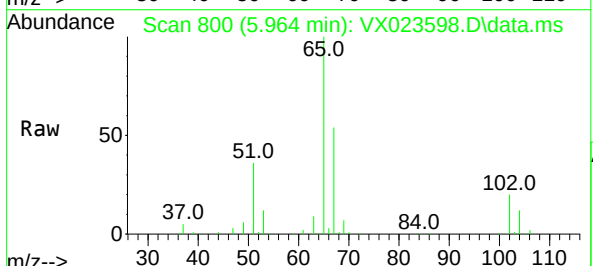
Instrument :
MSVOA_X
ClientSampled :

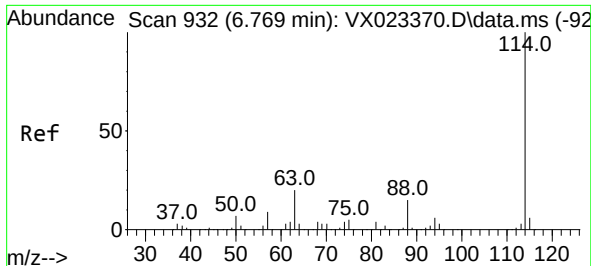
Tgt Ion: 56 Resp: 3590
Ion Ratio Lower Upper
56 100
69 148.1 25.3 37.9#
84 116.6 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.376 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56

Tgt Ion: 65 Resp: 107294
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

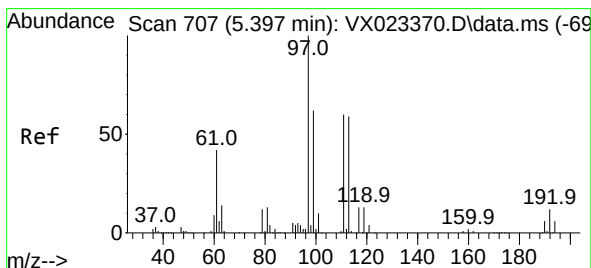
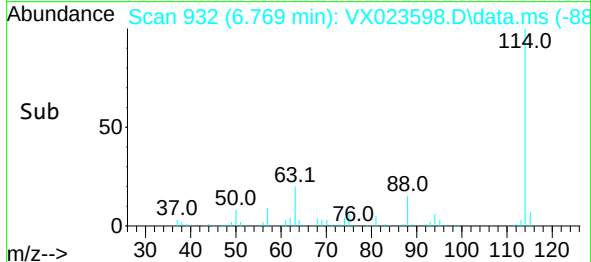
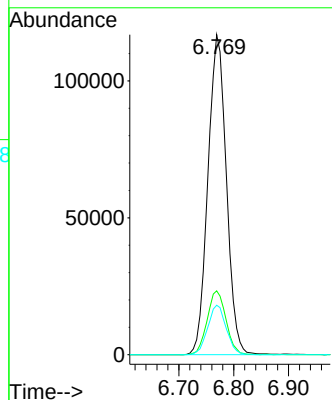
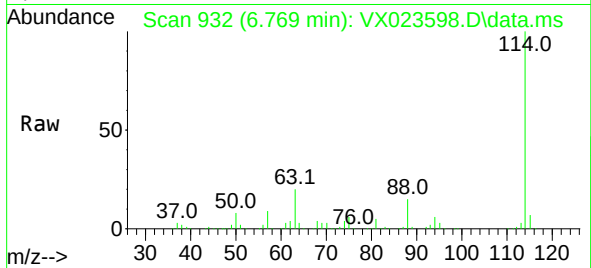




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56

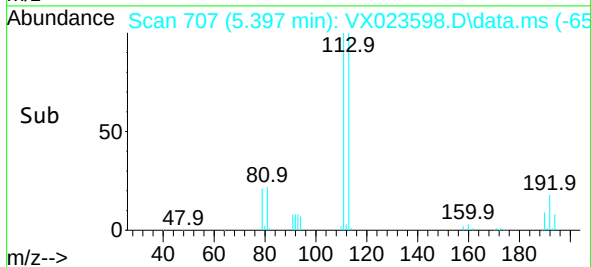
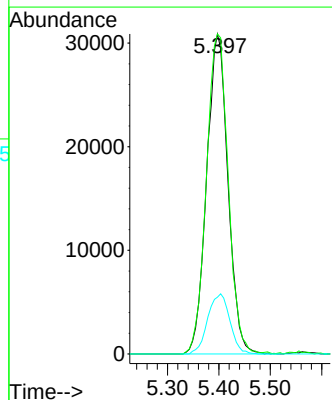
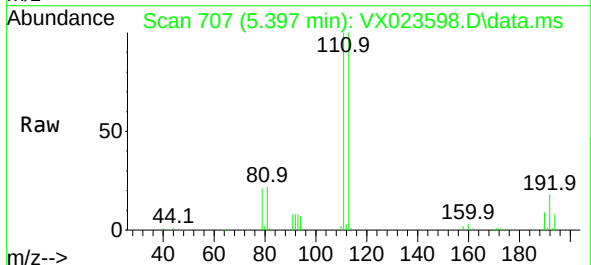
Instrument :
MSVOA_X
ClientSampled :

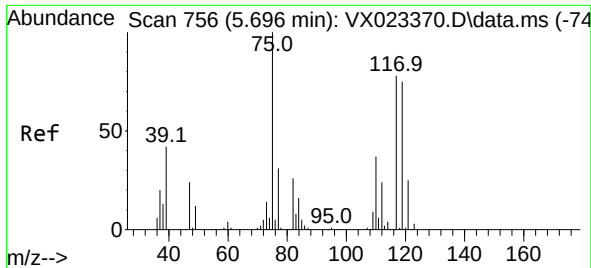
Tgt Ion:114 Resp: 273433
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.869 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56

Tgt Ion:113 Resp: 88677
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.5 16.7 25.1

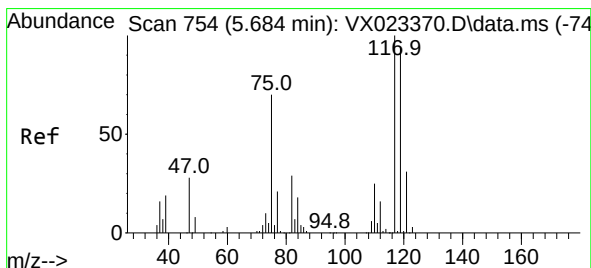
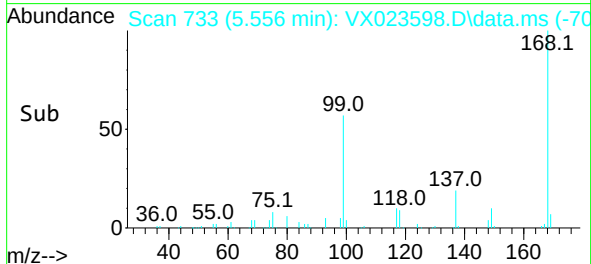
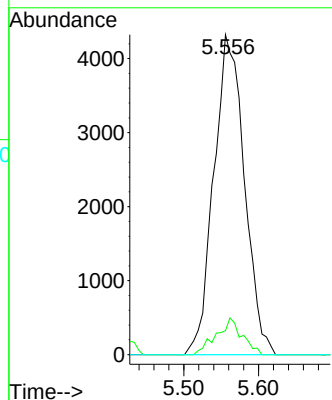
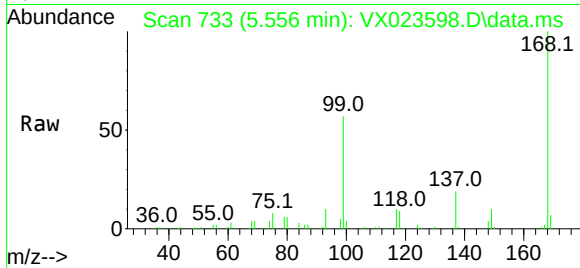




#36
1,1-Dichloropropene
Concen: 4.976 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56

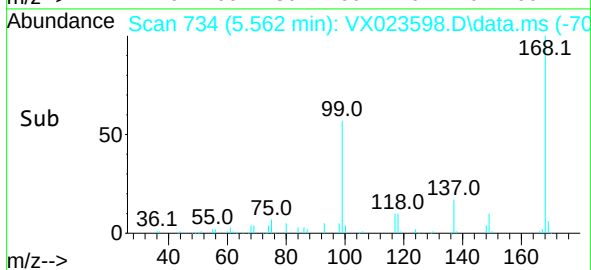
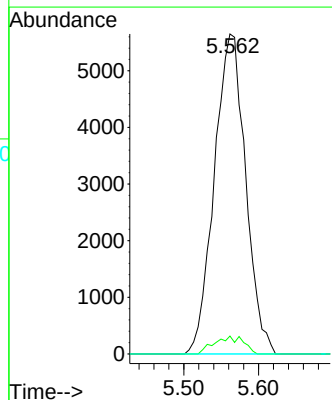
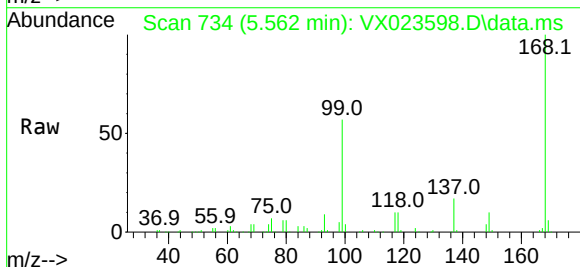
Instrument :
MSVOA_X
ClientSampled :

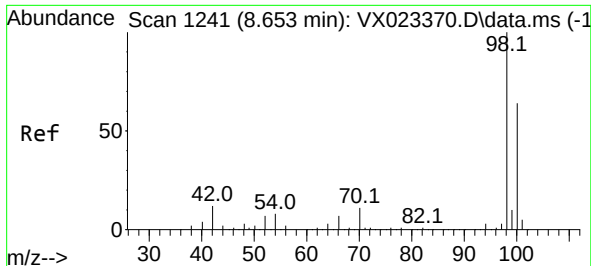
Tgt Ion: 75 Resp: 12307
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.538 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56

Tgt Ion: 117 Resp: 16446
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 52.545 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX023598.D

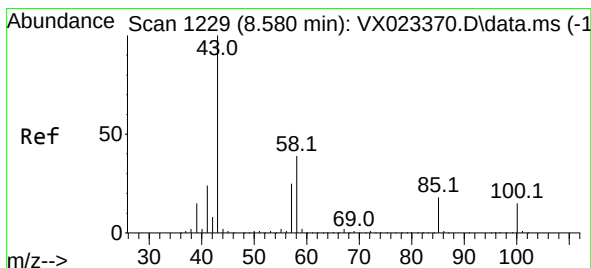
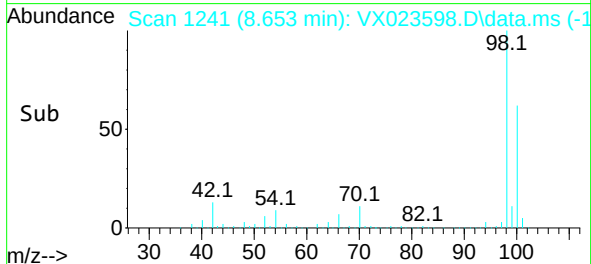
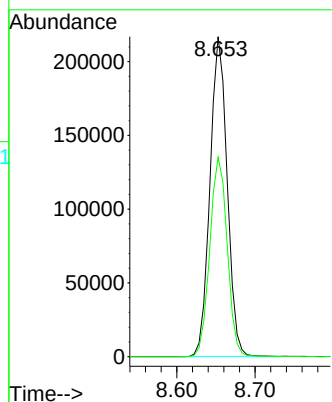
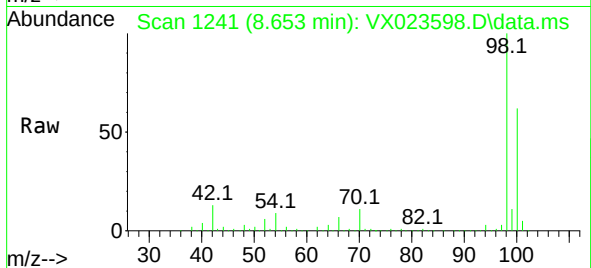
Acq: 06 Aug 2021 15:56

Tgt Ion: 98 Resp: 330048

Ion Ratio Lower Upper

98 100

100 63.2 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.554 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX023598.D

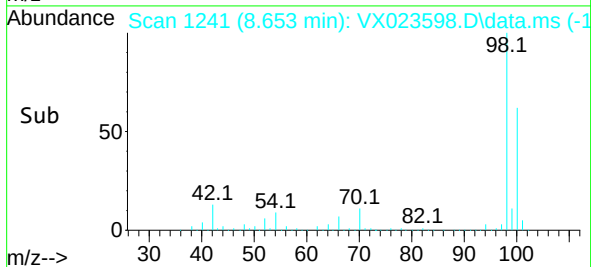
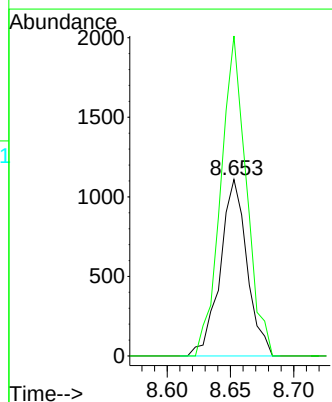
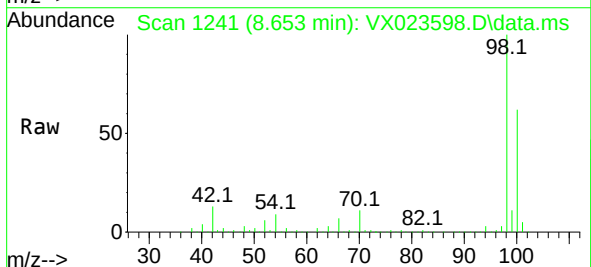
Acq: 06 Aug 2021 15:56

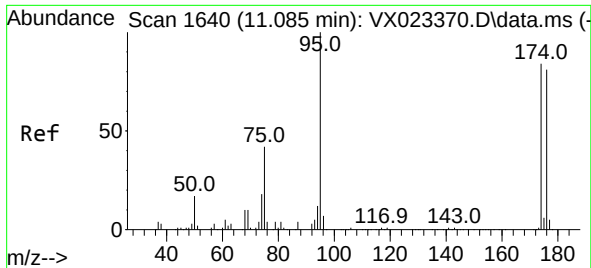
Tgt Ion: 43 Resp: 1638

Ion Ratio Lower Upper

43 100

58 173.1 35.4 53.0#

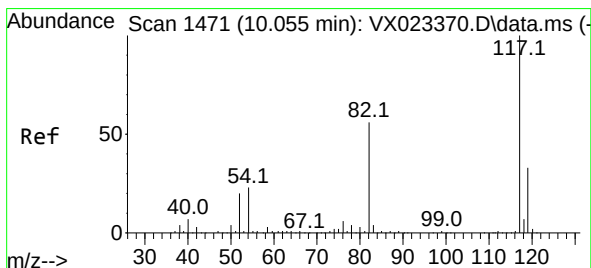
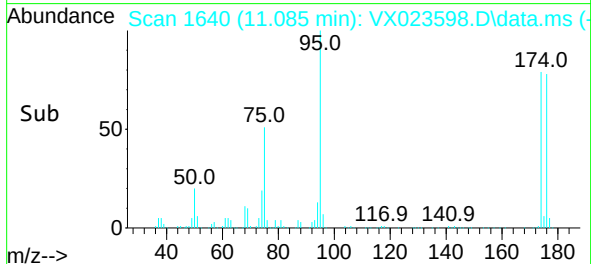
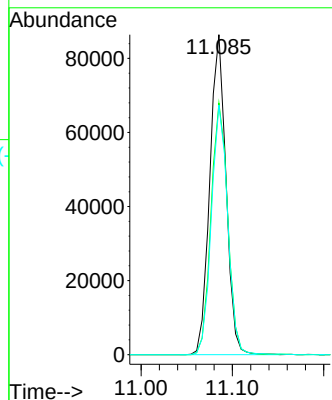
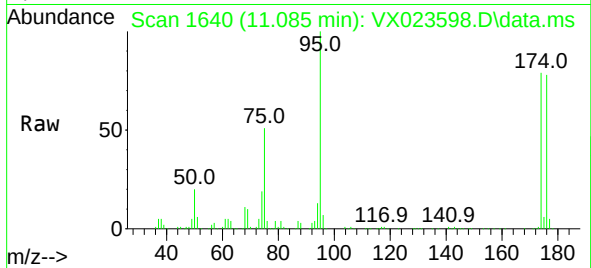




#62
4-Bromofluorobenzene
Concen: 49.529 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56

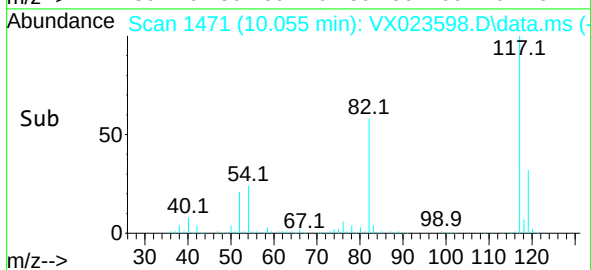
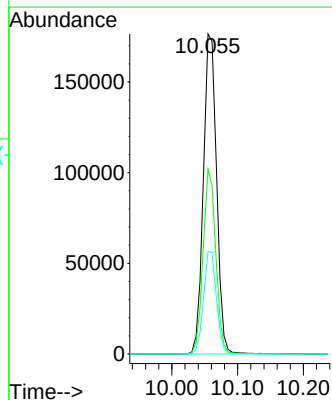
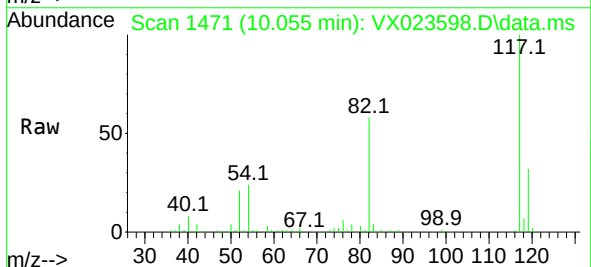
Instrument :
MSVOA_X
ClientSampled :

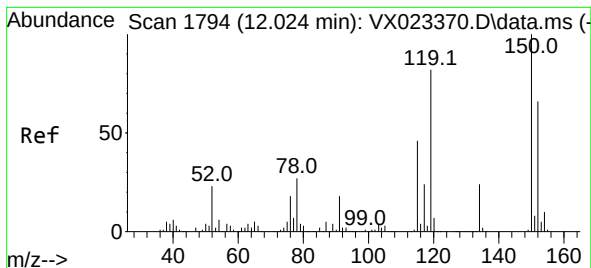
Tgt Ion: 95 Resp: 105787
Ion Ratio Lower Upper
95 100
174 81.5 0.0 154.6
176 79.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023598.D
Acq: 06 Aug 2021 15:56

Tgt Ion: 117 Resp: 246926
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 32.0 26.6 39.8

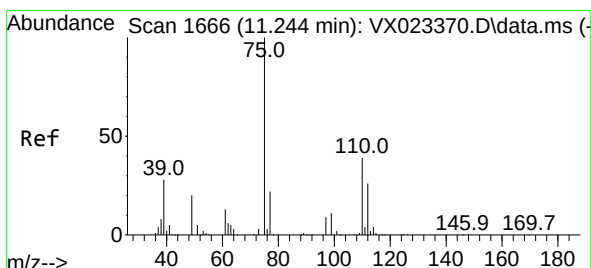
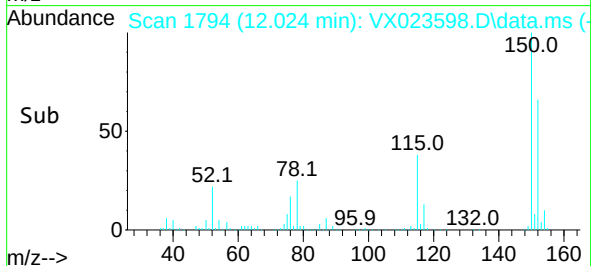
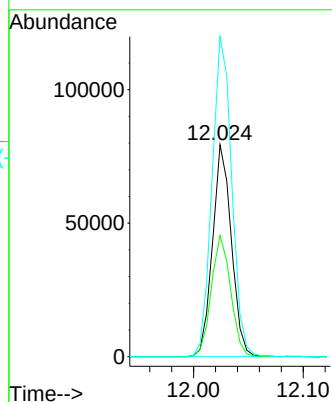
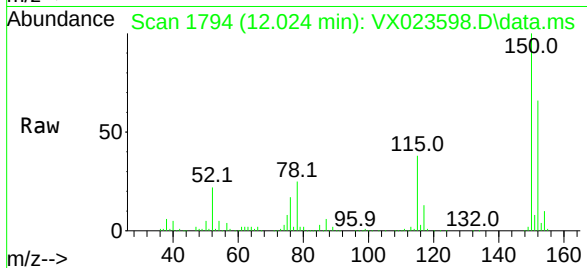




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023598.D
 Acq: 06 Aug 2021 15:56

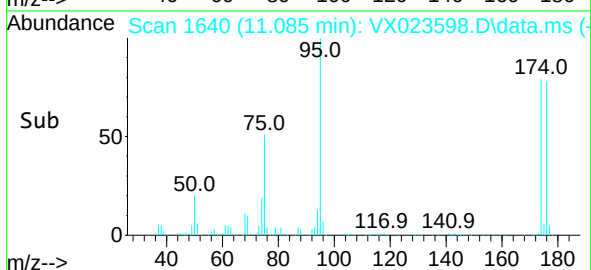
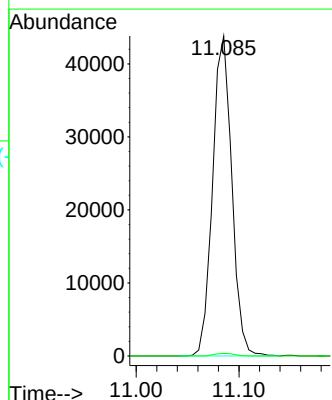
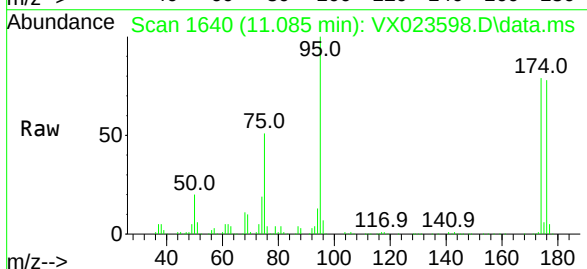
Instrument :
 MSVOA_X
 ClientSampled :

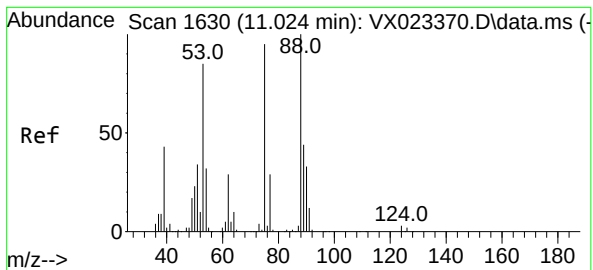
Tgt Ion:152 Resp: 94885
 Ion Ratio Lower Upper
 152 100
 115 58.7 41.1 123.3
 150 157.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.133 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023598.D
 Acq: 06 Aug 2021 15:56

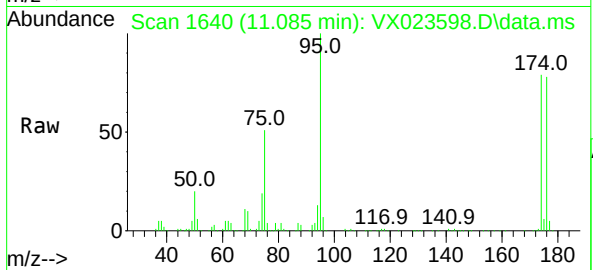
Tgt Ion: 75 Resp: 56655
 Ion Ratio Lower Upper
 75 100
 77 0.8 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.959 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023598.D
 Acq: 06 Aug 2021 15:56

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	56655
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.1	37.9	56.9#

