

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023597.D
 Acq On : 06 Aug 2021 15:32
 Operator : JC/MD
 Sample : M3320-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 04:45:20 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)

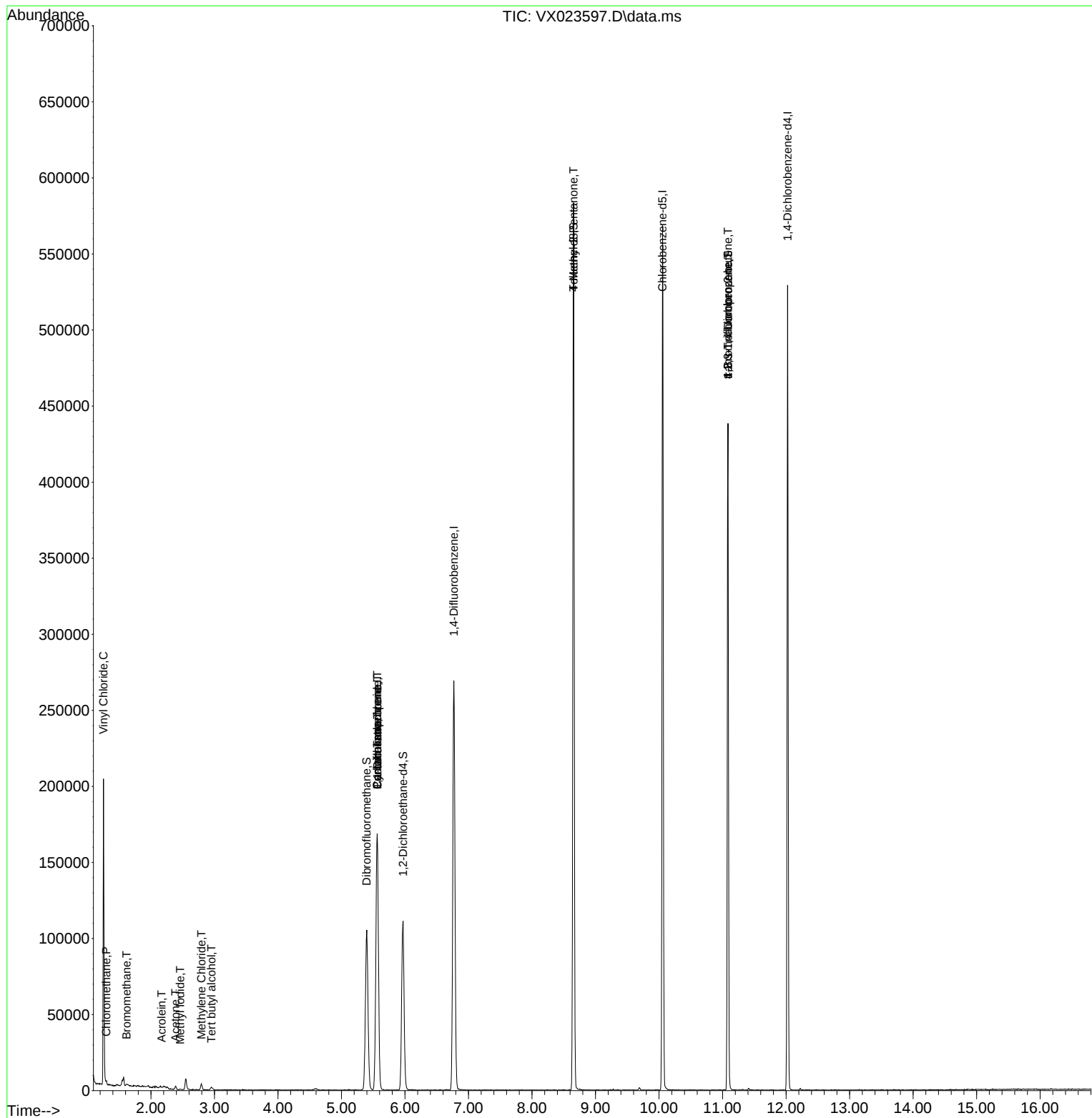
Internal Standards						
1) Pentafluorobenzene	5.562	168	160498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	108670	54.279	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.560%	
35) Dibromofluoromethane	5.397	113	87854	51.367	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.740%	
50) Toluene-d8	8.653	98	329063	52.367	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.740%	
62) 4-Bromofluorobenzene	11.085	95	112834	52.807	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	838	0.487	ug/l #	84
4) Vinyl Chloride	1.252	62	1567	0.900	ug/l #	1
5) Bromomethane	1.618	94	732	0.708	ug/l #	45
10) Methyl Iodide	2.459	142	421	0.211	ug/l #	90
11) Tert butyl alcohol	2.953	59	1373	3.002	ug/l #	77
13) Acrolein	2.166	56	60	1.620	ug/l #	1
16) Acetone	2.386	43	2392	2.436	ug/l #	83
20) Methylene Chloride	2.794	84	1663	0.871	ug/l #	91
31) Cyclohexane	5.562	56	3703	1.249	ug/l #	4
36) 1,1-Dichloropropene	5.562	75	13075	5.284	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15871	6.307	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1648	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	59542	26.358	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59542	70.873	ug/l #	12

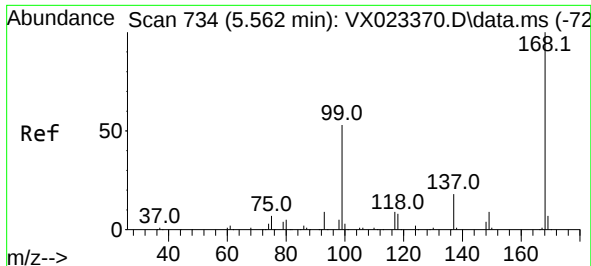
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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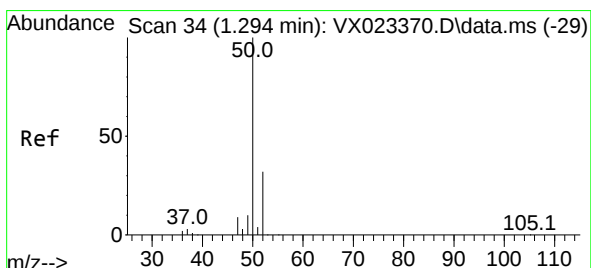
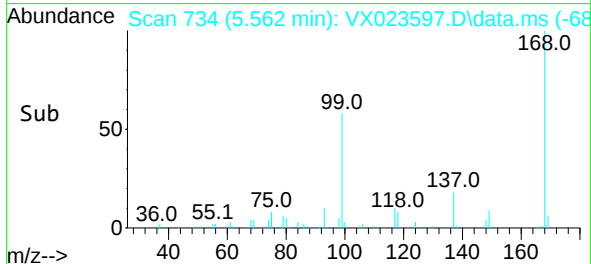
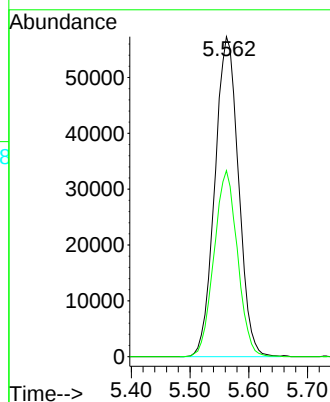
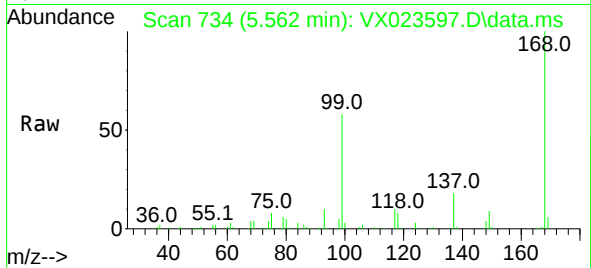




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

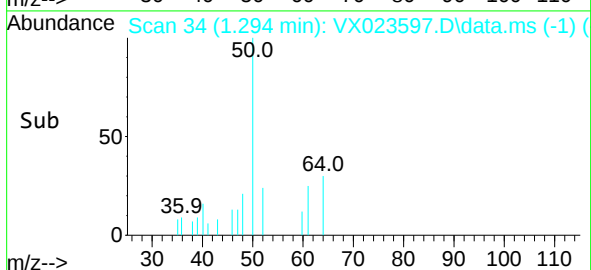
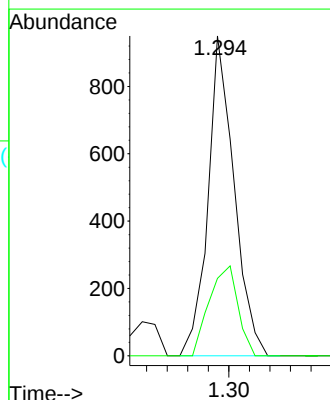
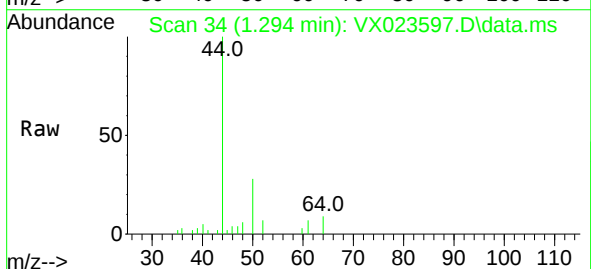
Instrument :
MSVOA_X
ClientSampleId :

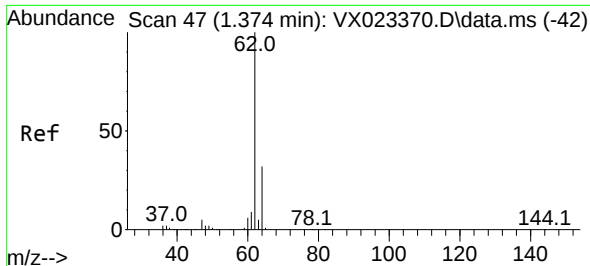
Tgt Ion:168 Resp: 160498
Ion Ratio Lower Upper
168 100
99 58.1 45.8 68.6



#3
Chloromethane
Concen: 0.487 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

Tgt Ion: 50 Resp: 838
Ion Ratio Lower Upper
50 100
52 24.2 26.4 39.6#

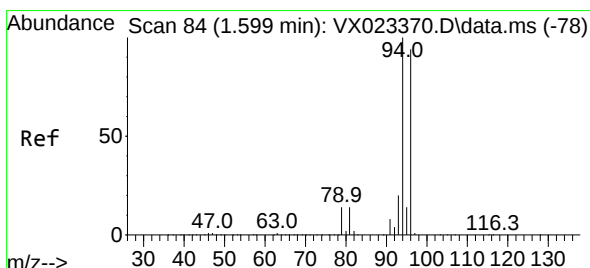
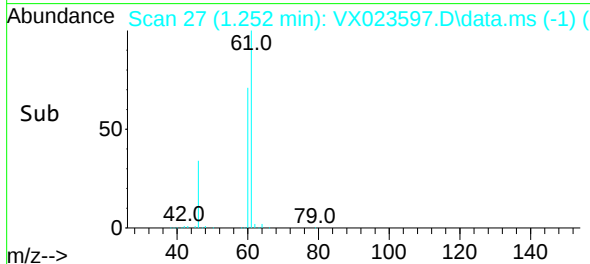
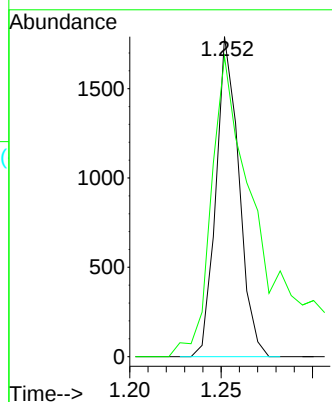
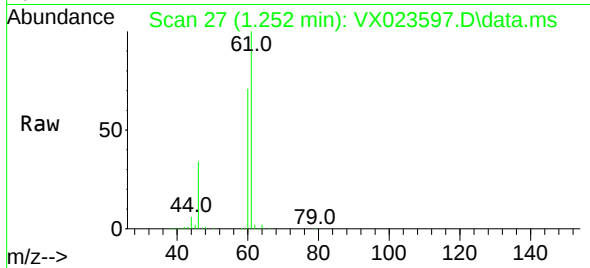




#4
 Vinyl Chloride
 Concen: 0.900 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023597.D
 Acq: 06 Aug 2021 15:32

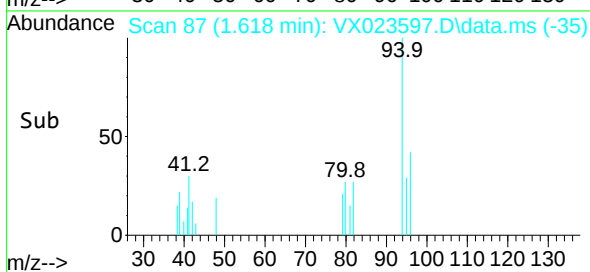
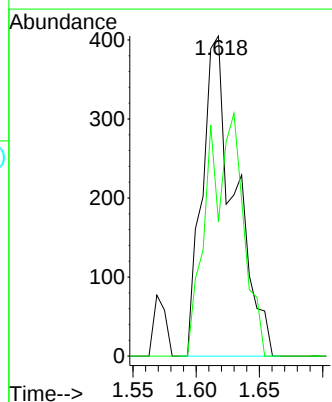
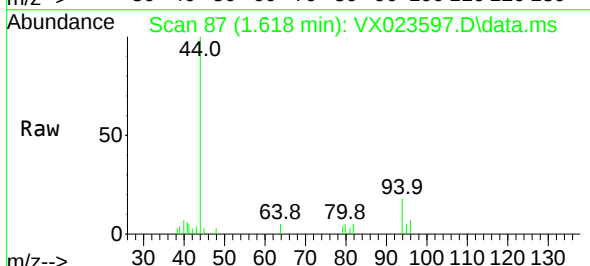
Instrument :
 MSVOA_X
 ClientSampled :

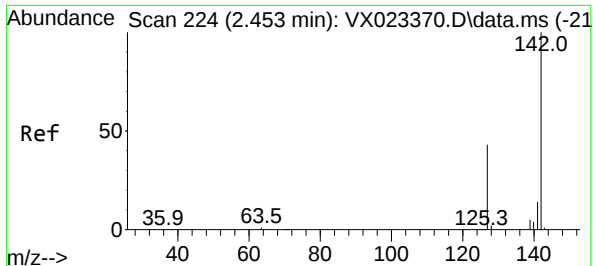
Tgt Ion: 62 Resp: 1567
 Ion Ratio Lower Upper
 62 100
 64 89.4 25.7 38.5#



#5
 Bromomethane
 Concen: 0.708 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX023597.D
 Acq: 06 Aug 2021 15:32

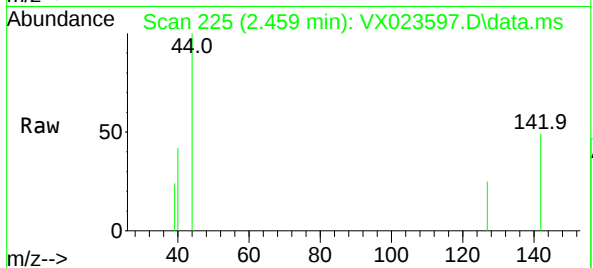
Tgt Ion: 94 Resp: 732
 Ion Ratio Lower Upper
 94 100
 96 42.0 76.4 114.6#



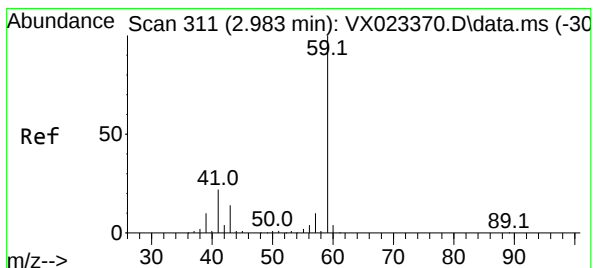
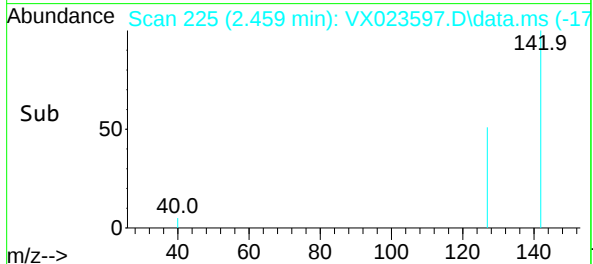
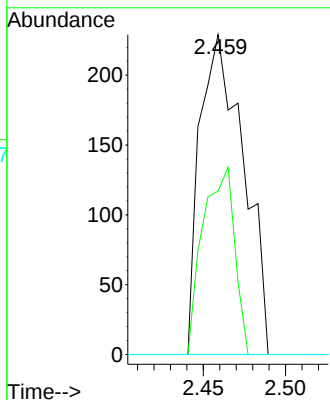


#10
Methyl Iodide
Concen: 0.211 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

Instrument :
MSVOA_X
ClientSampled :

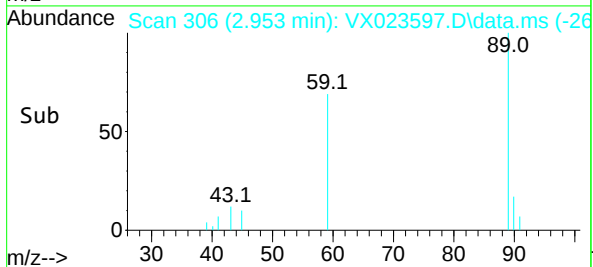
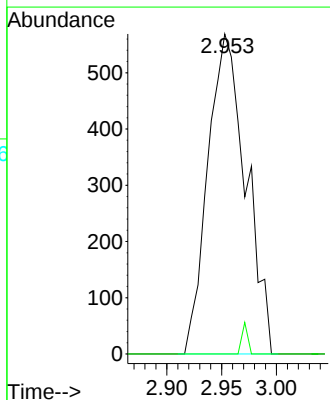
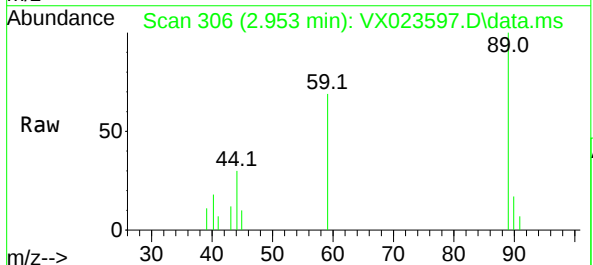


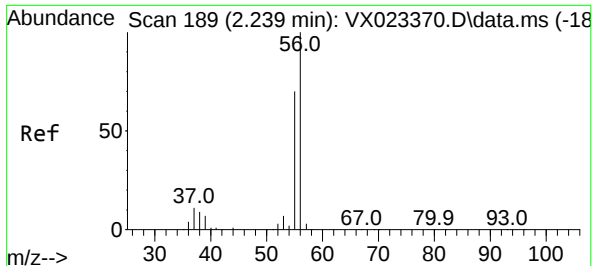
Tgt Ion:142 Resp: 421
Ion Ratio Lower Upper
142 100
127 42.5 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 3.002 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

Tgt Ion: 59 Resp: 1373
Ion Ratio Lower Upper
59 100
57 1.5 7.8 11.8#

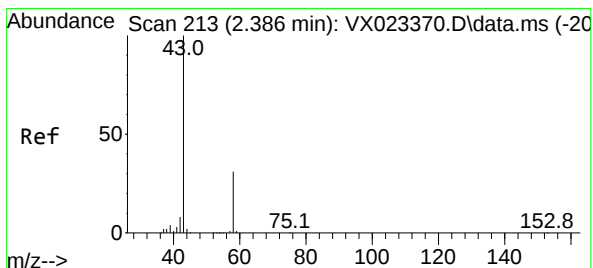
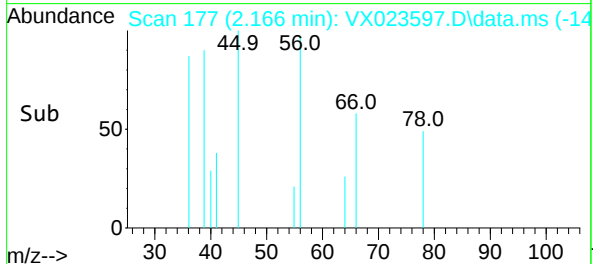
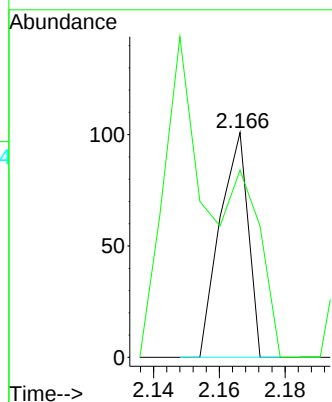
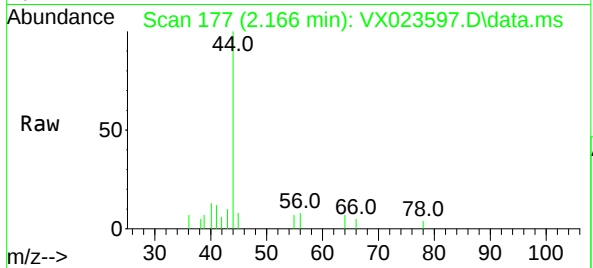




#13
Acrolein
Concen: 1.620 ug/l
RT: 2.166 min Scan# 177
Delta R.T. -0.073 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

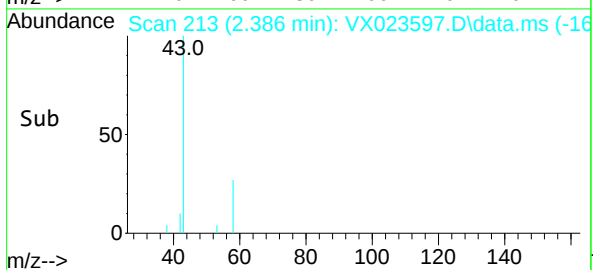
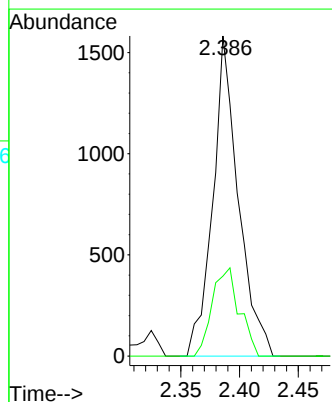
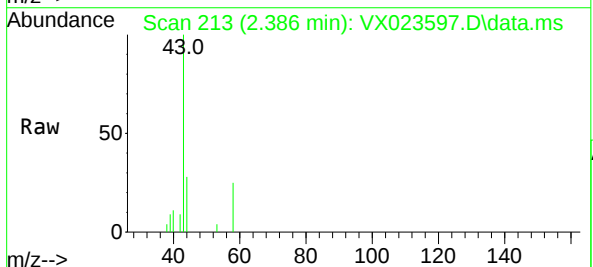
Instrument :
MSVOA_X
ClientSampleId :

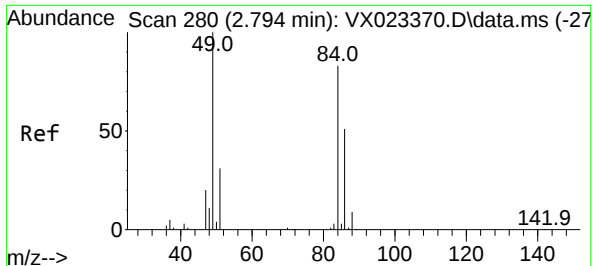
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 293.3 56.4 84.6#



#16
Acetone
Concen: 2.436 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

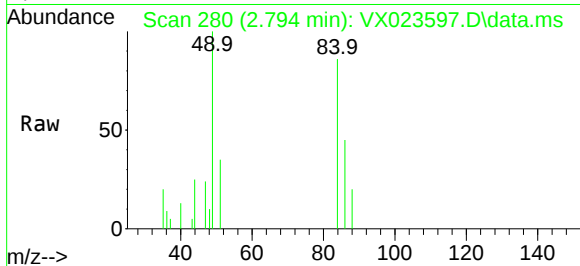
Tgt Ion: 43 Resp: 2392
Ion Ratio Lower Upper
43 100
58 25.0 27.8 41.8#



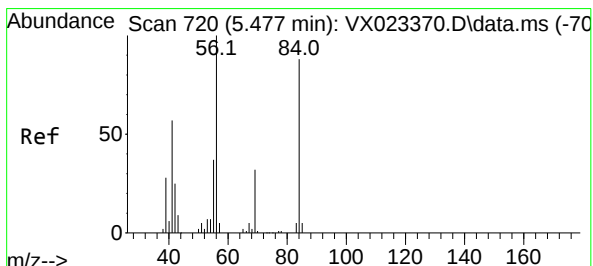
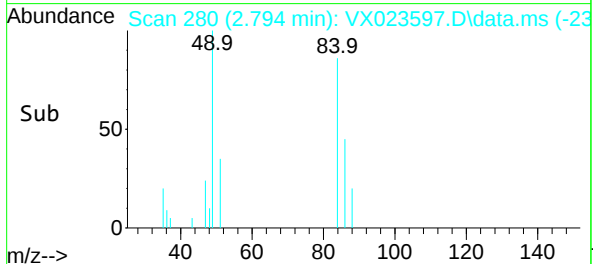
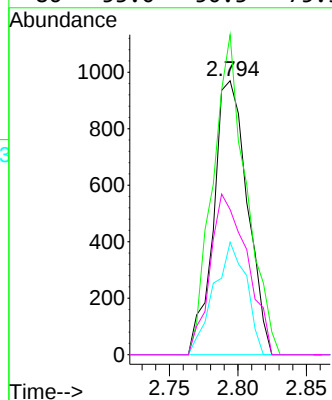


#20
Methylene Chloride
Concen: 0.871 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

Instrument :
MSVOA_X
ClientSampled :

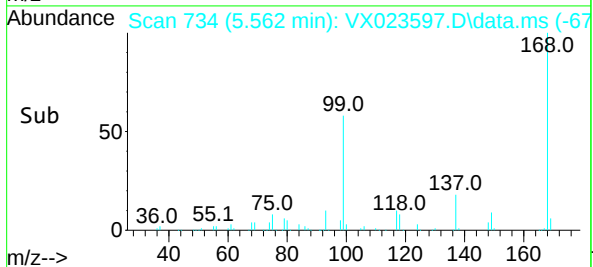
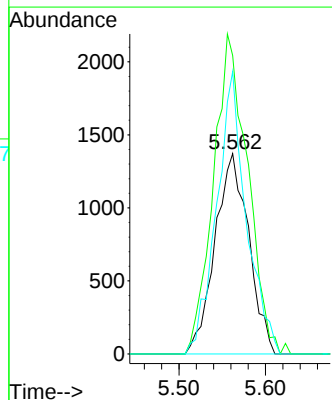
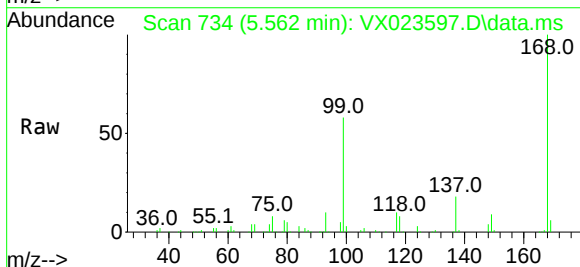


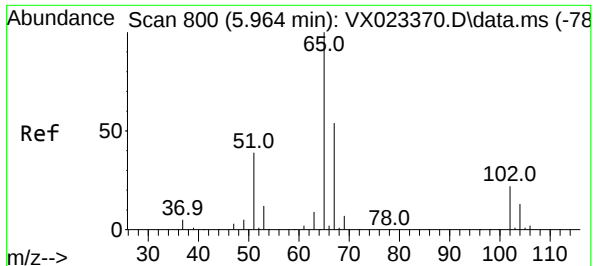
Tgt Ion:	84	Resp:	1663
Ion	Ratio	Lower	Upper
84	100		
49	116.8	88.6	132.8
51	41.0	27.0	40.6#
86	53.0	50.3	75.5



#31
Cyclohexane
Concen: 1.249 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

Tgt Ion:	56	Resp:	3703
Ion	Ratio	Lower	Upper
56	100		
69	149.0	25.3	37.9#
84	141.1	71.4	107.0#



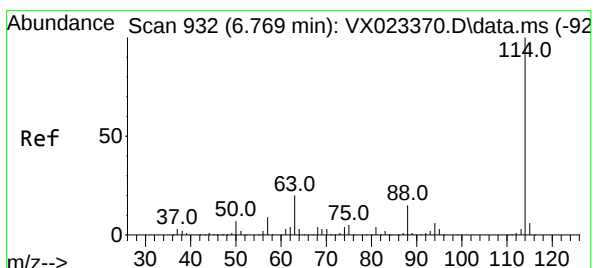
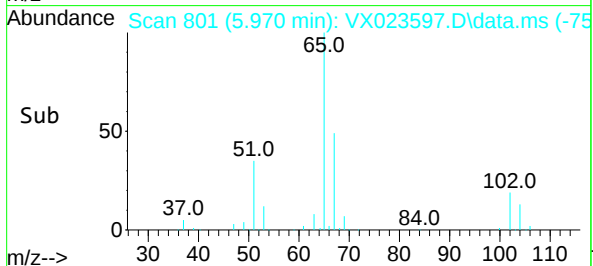
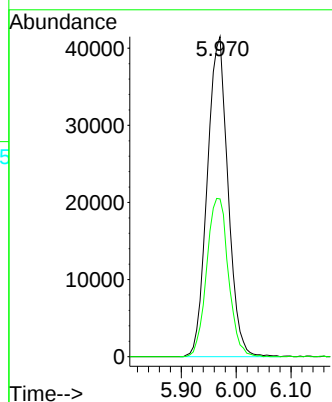
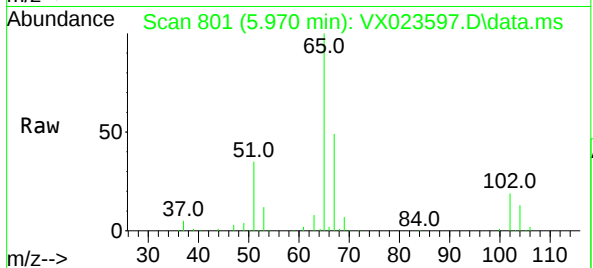


#33

1,2-Dichloroethane-d4
Concen: 54.279 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

Instrument :
MSVOA_X
ClientSampled :

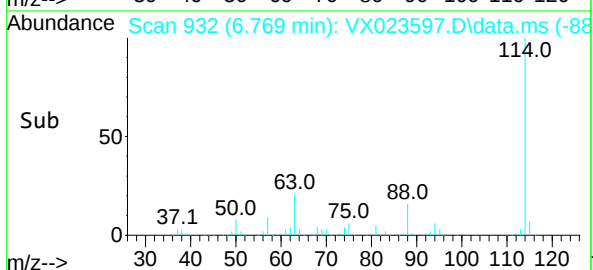
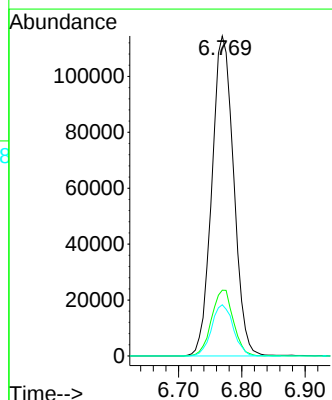
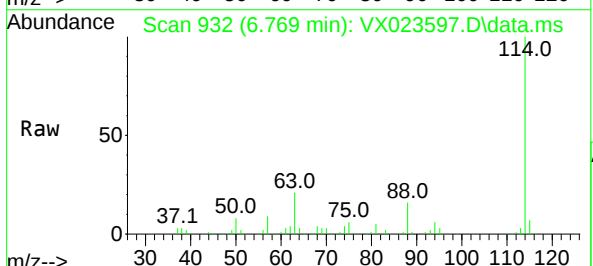
Tgt Ion: 65 Resp: 108670
Ion Ratio Lower Upper
65 100
67 51.8 0.0 105.4

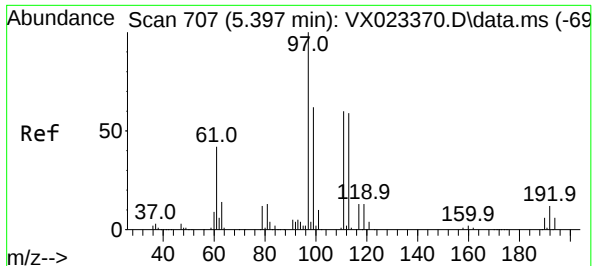


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

Tgt Ion: 114 Resp: 273543
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.0 0.0 32.8

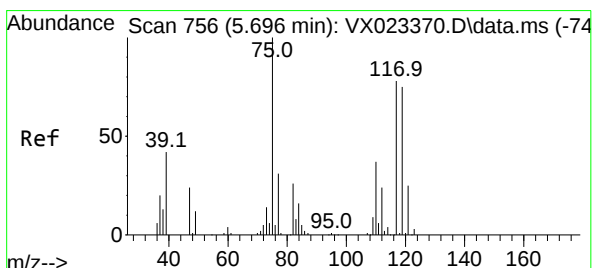
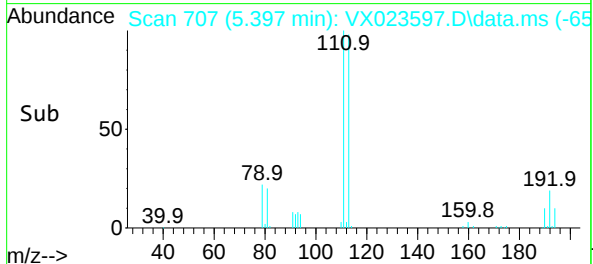
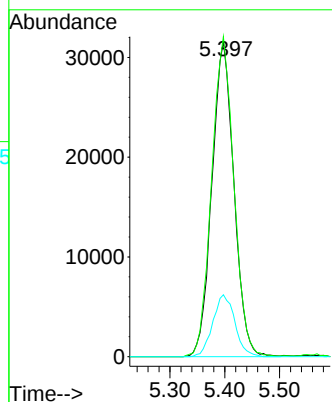
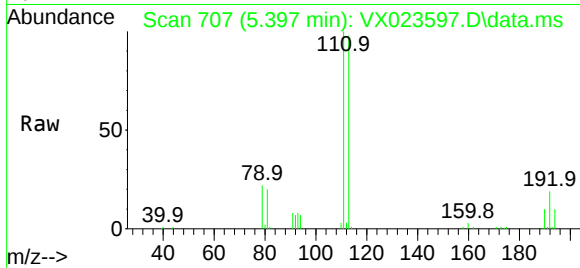




#35
Dibromofluoromethane
Concen: 51.367 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

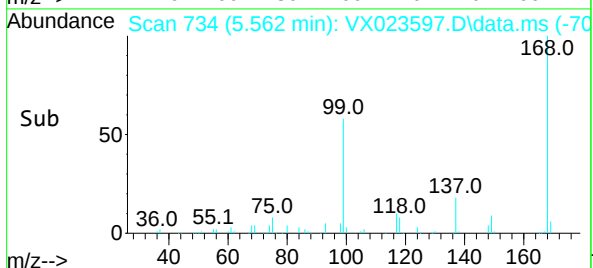
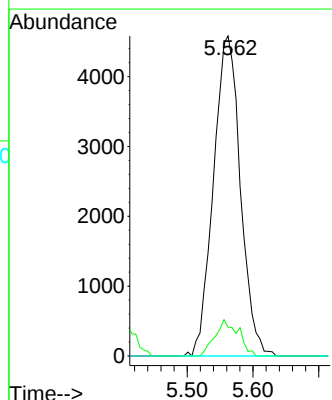
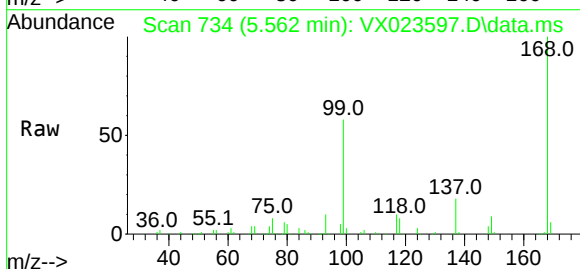
Instrument :
MSVOA_X
ClientSampleId :

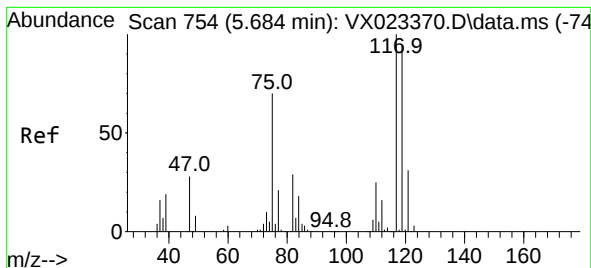
Tgt Ion:	113	Resp:	87854
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.9	122.9
192	19.8	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.284 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

Tgt Ion:	75	Resp:	13075
Ion	Ratio	Lower	Upper
75	100		
110	9.9	18.1	54.4#
77	0.0	25.3	37.9#





#38

Carbon Tetrachloride

Concen: 6.307 ug/l

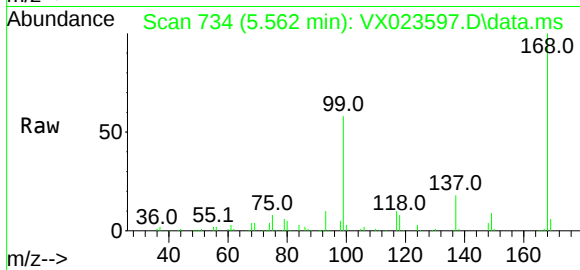
RT: 5.562 min Scan# 734

Delta R.T. -0.122 min

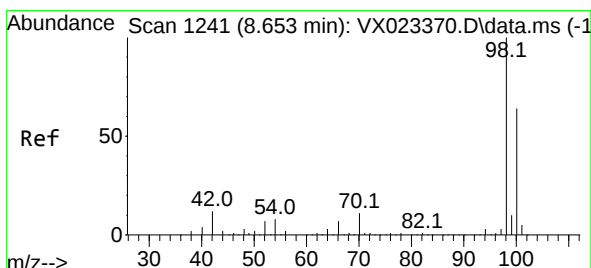
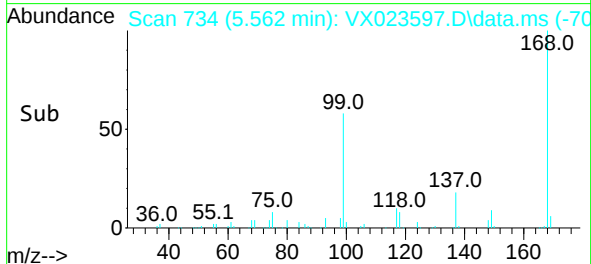
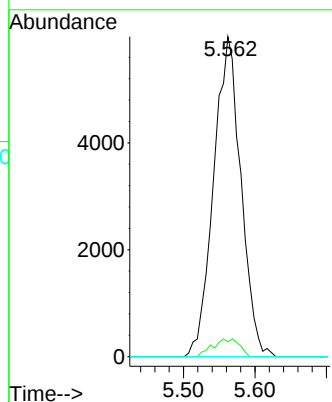
Lab File: VX023597.D

Acq: 06 Aug 2021 15:32

Instrument :
MSVOA_X
ClientSampled :



Tgt Ion:	117	Resp:	15871
Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.2	114.2#
121	0.0	24.8	37.2#



#50

Toluene-d8

Concen: 52.367 ug/l

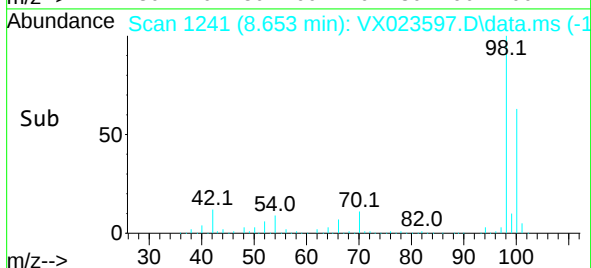
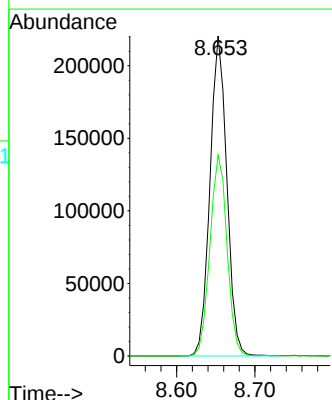
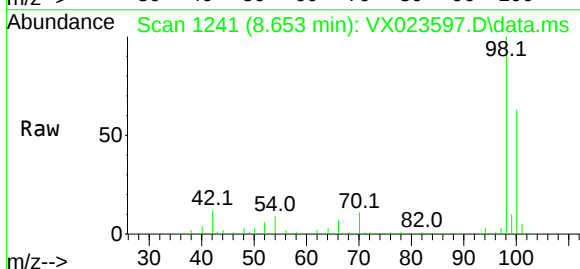
RT: 8.653 min Scan# 1241

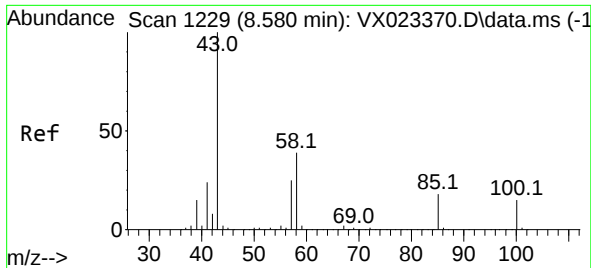
Delta R.T. -0.000 min

Lab File: VX023597.D

Acq: 06 Aug 2021 15:32

Tgt Ion:	98	Resp:	329063
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.9	77.9

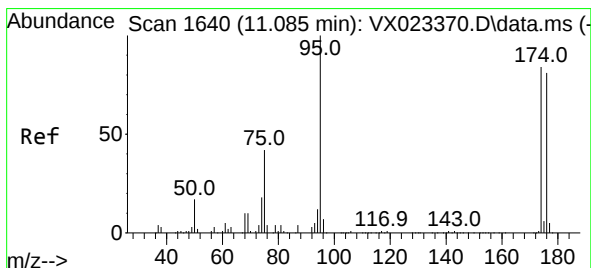
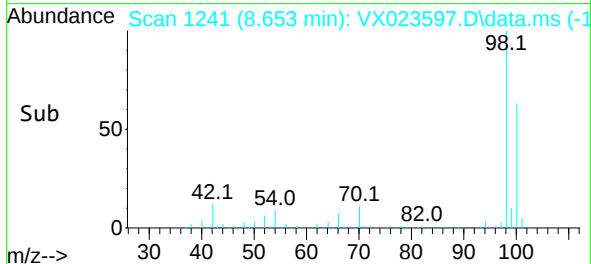
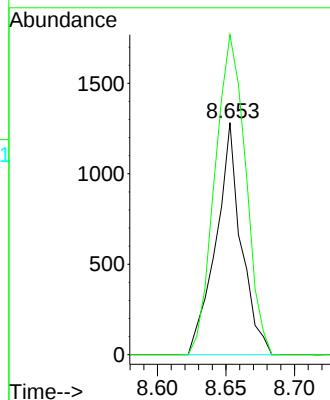
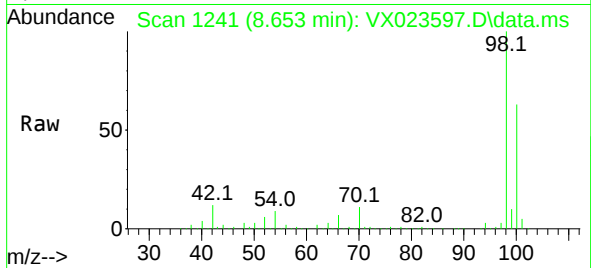




#51
4-Methyl-2-Pentanone
Concen: 0.557 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

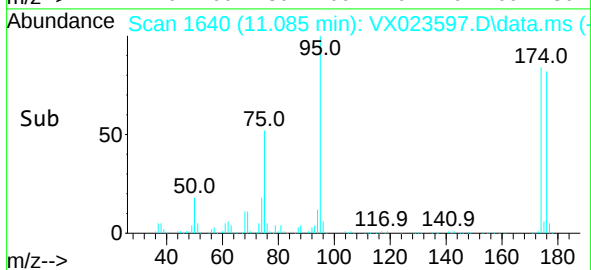
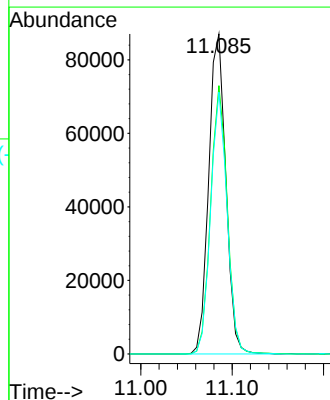
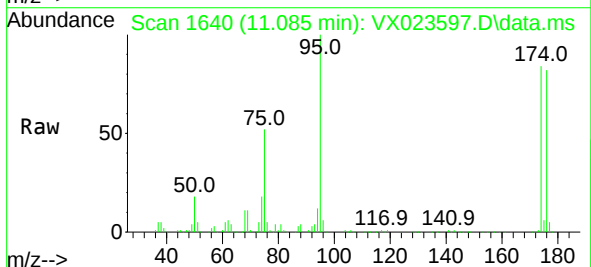
Instrument :
MSVOA_X
ClientSampled :

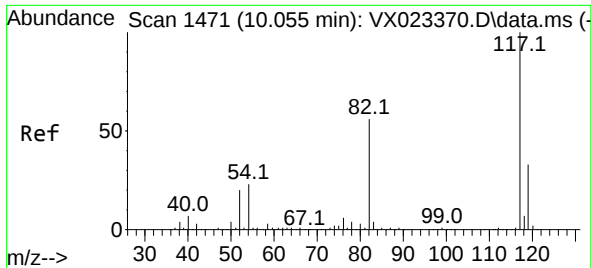
Tgt Ion: 43 Resp: 1648
Ion Ratio Lower Upper
43 100
58 167.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 52.807 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

Tgt Ion: 95 Resp: 112834
Ion Ratio Lower Upper
95 100
174 81.7 0.0 154.6
176 78.6 0.0 155.8

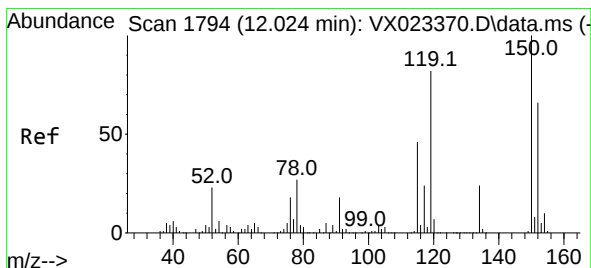
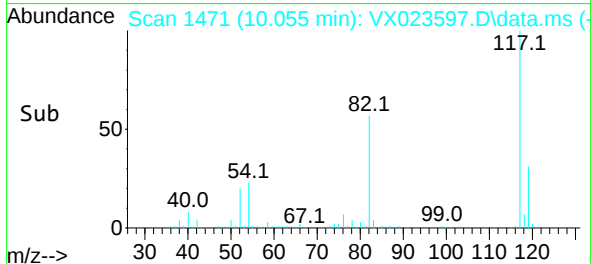
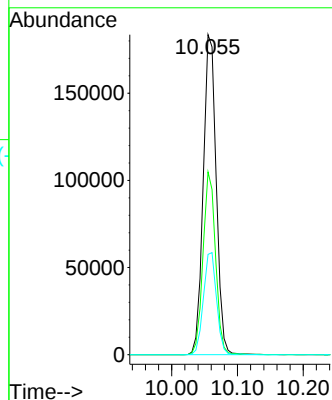
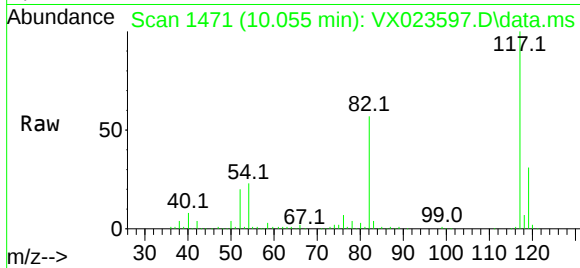




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

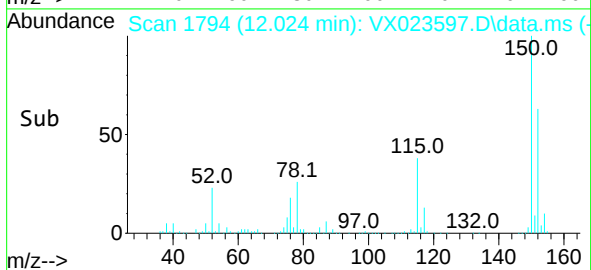
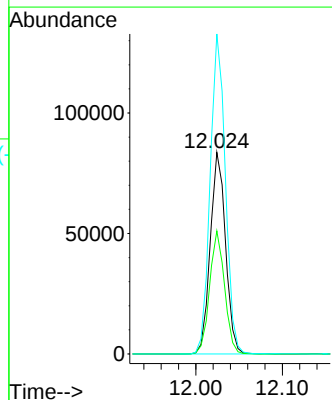
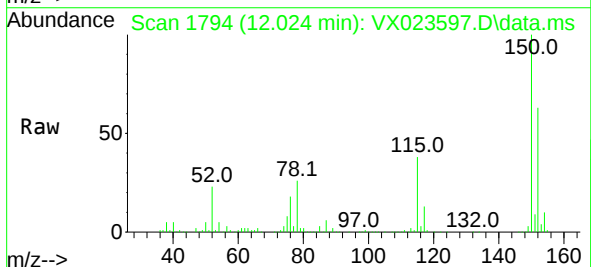
Instrument :
MSVOA_X
ClientSampled :

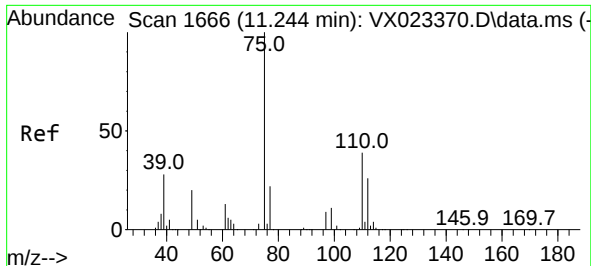
Tgt Ion:117 Resp: 251637
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

Tgt Ion:152 Resp: 102655
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 157.6 0.0 349.0

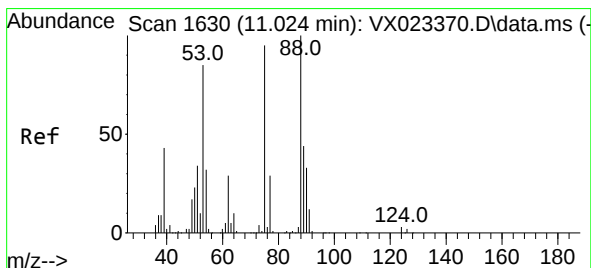
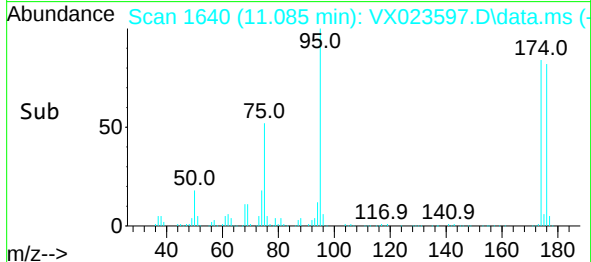
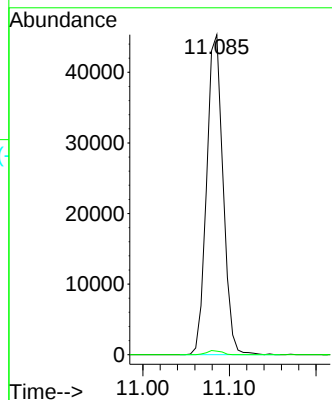
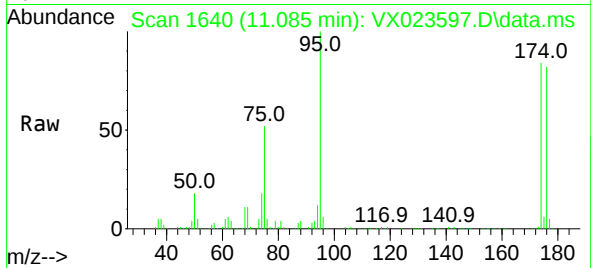




#76
1,2,3-Trichloropropane
Concen: 26.358 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 59542
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.873 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023597.D
Acq: 06 Aug 2021 15:32

Tgt Ion: 75 Resp: 59542
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

