

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023593.D
 Acq On : 06 Aug 2021 13:58
 Operator : JC/MD
 Sample : M3298-08 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 04:44:10 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)

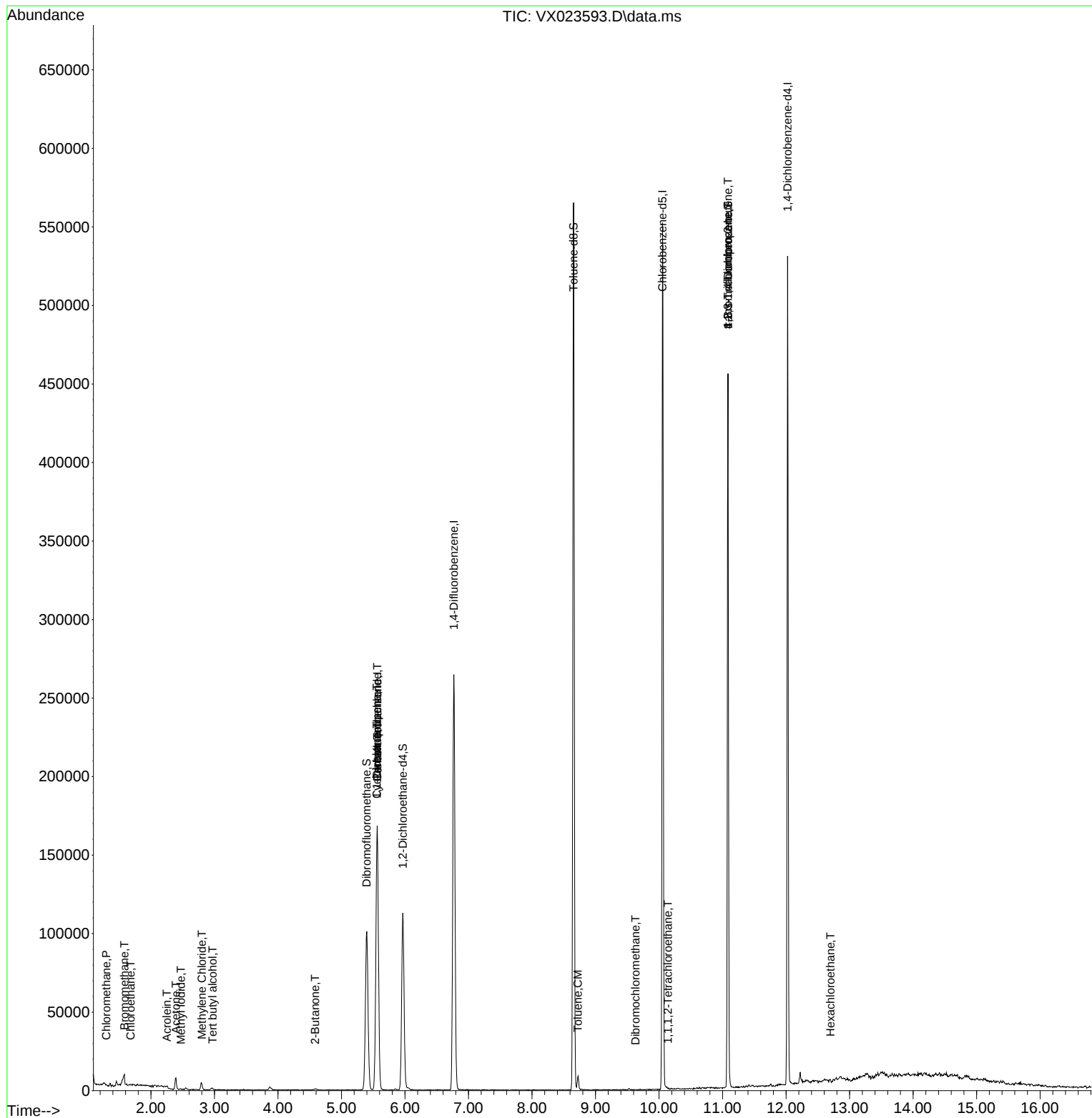
Internal Standards						
1) Pentafluorobenzene	5.562	168	158197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	267842	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108383	54.923	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.840%			
35) Dibromofluoromethane	5.397	113	86259	51.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.020%			
50) Toluene-d8	8.653	98	324792	52.788	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.580%			
62) 4-Bromofluorobenzene	11.085	95	113146	54.080	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.160%			
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	355	0.209	ug/l #	72
5) Bromomethane	1.581	94	208	0.204	ug/l #	2
6) Chloroethane	1.678	64	245	0.233	ug/l #	43
10) Methyl Iodide	2.471	142	568	0.289	ug/l #	87
11) Tert butyl alcohol	2.971	59	1214	2.693	ug/l #	73
13) Acrolein	2.252	56	23	1.464	ug/l #	1
16) Acetone	2.392	43	8059	8.325	ug/l	93
20) Methylene Chloride	2.800	84	2081	1.105	ug/l #	90
25) 2-Butanone	4.586	43	372	0.248	ug/l #	45
31) Cyclohexane	5.556	56	3494	1.195	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	12154	5.016	ug/l #	50
38) Carbon Tetrachloride	5.562	117	16295	6.613	ug/l #	16
52) Toluene	8.720	92	3239	0.728	ug/l	93
60) Dibromochloromethane	9.628	129	39	2.002	ug/l #	11
66) 1,1,1,2-Tetrachloroethane	10.140	131	28	0.989	ug/l #	8
76) 1,2,3-Trichloropropane	11.085	75	58593	25.536	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58593	68.663	ug/l #	12
90) Hexachloroethane	12.701	117	19	1.914	ug/l	78

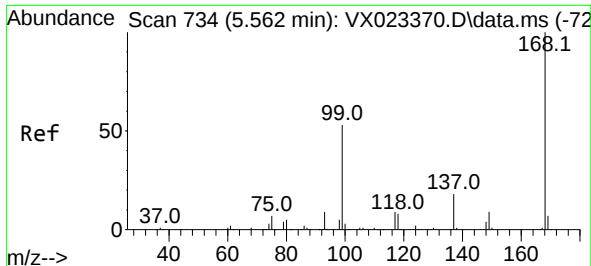
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
Data File : VX023593.D
Acq On : 06 Aug 2021 13:58
Operator : JC/MD
Sample : M3298-08 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 07 04:44:10 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

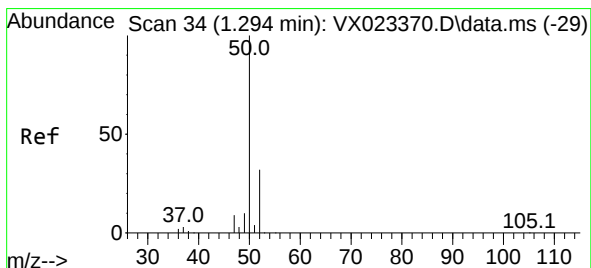
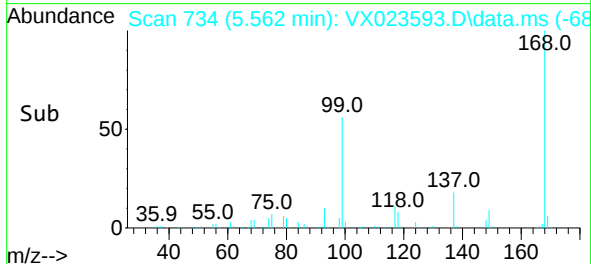
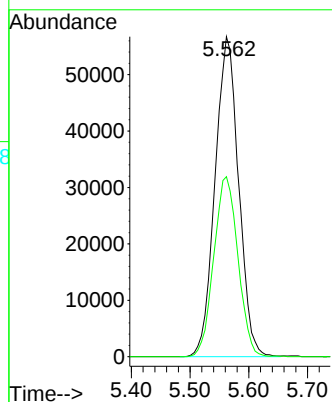
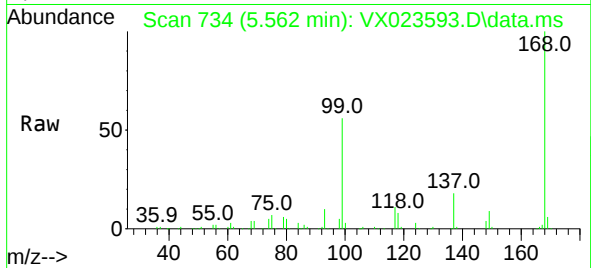




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

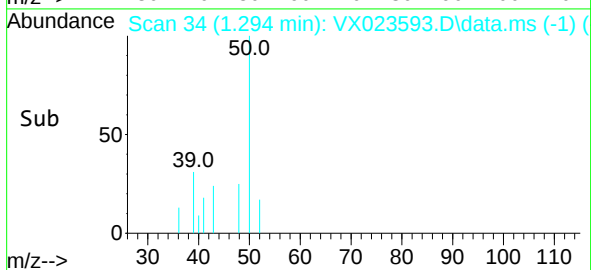
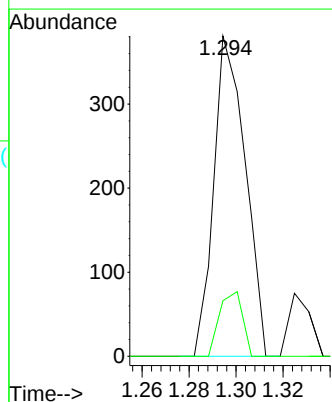
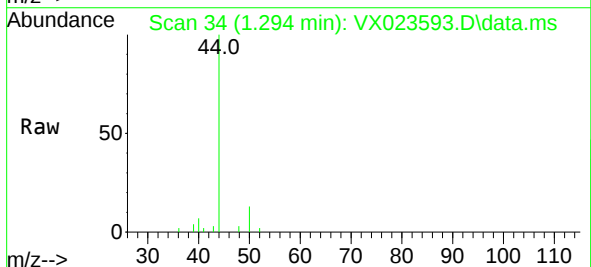
Instrument :
MSVOA_X
ClientSampleId :

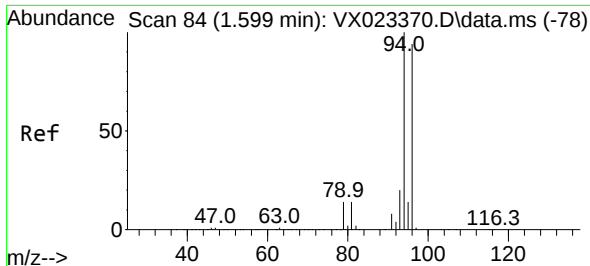
Tgt Ion:168 Resp: 158197
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Tgt Ion: 50 Resp: 355
Ion Ratio Lower Upper
50 100
52 17.3 26.4 39.6#

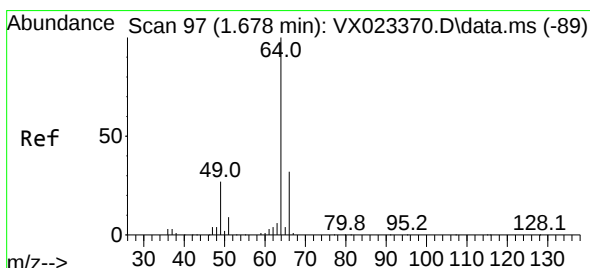
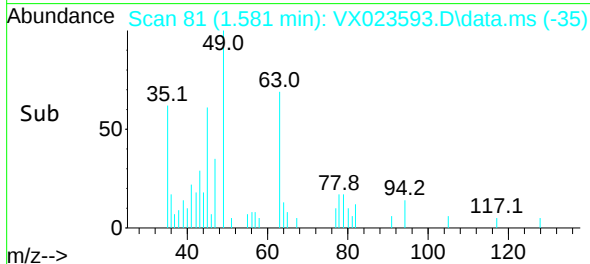
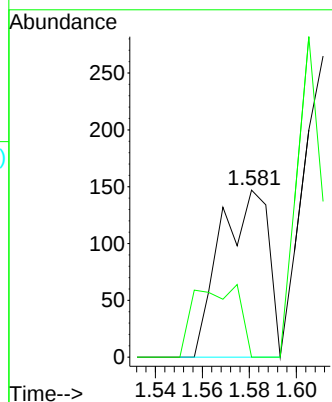
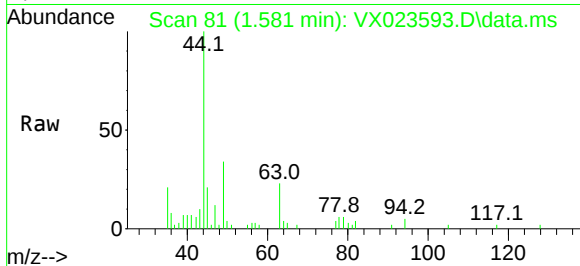




#5
Bromomethane
Concen: 0.204 ug/l
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

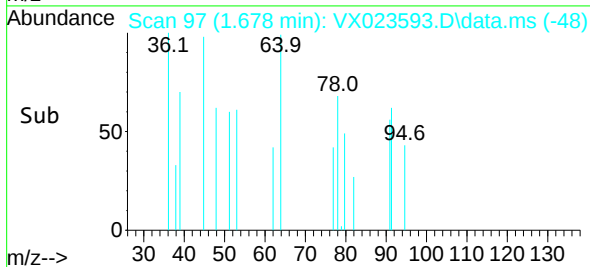
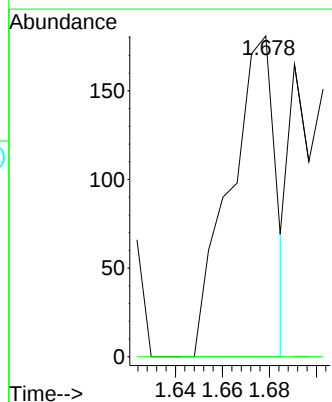
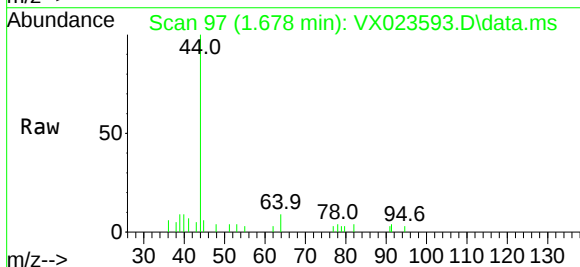
Instrument :
MSVOA_X
ClientSampled :

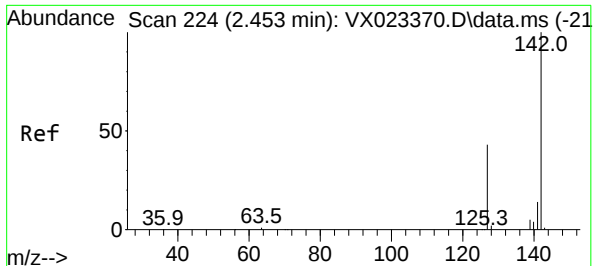
Tgt Ion: 94 Resp: 208
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



#6
Chloroethane
Concen: 0.233 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

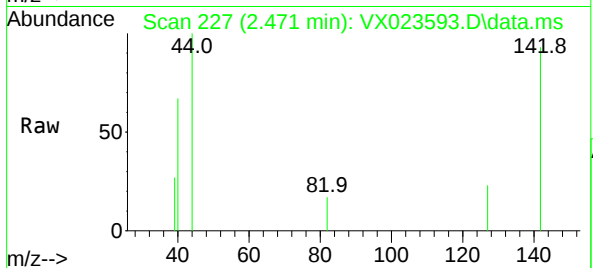
Tgt Ion: 64 Resp: 245
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



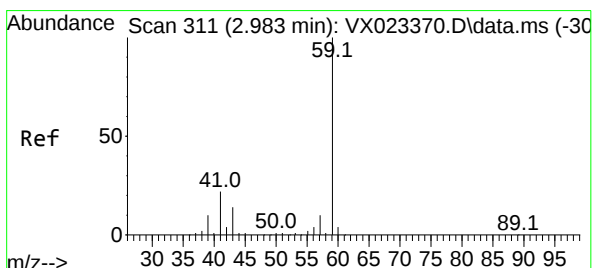
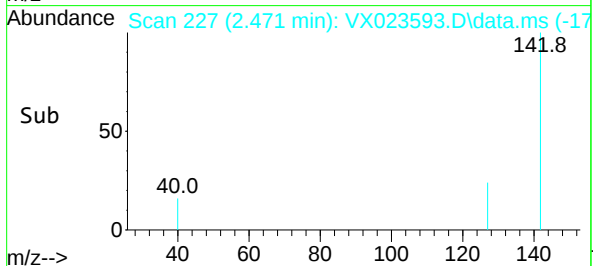
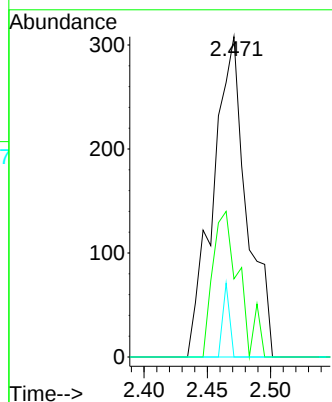


#10
Methyl Iodide
Concen: 0.289 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Instrument :
MSVOA_X
ClientSampled :

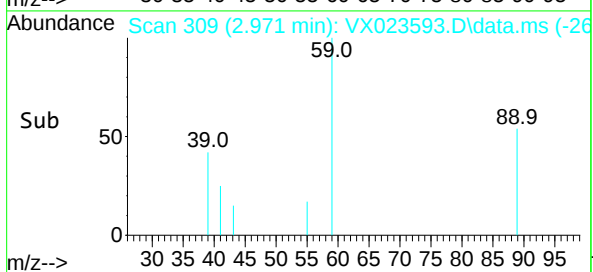
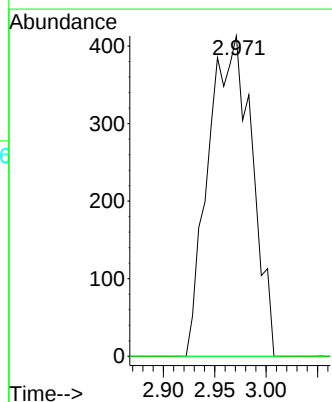
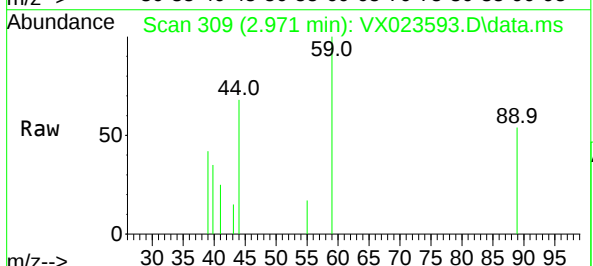


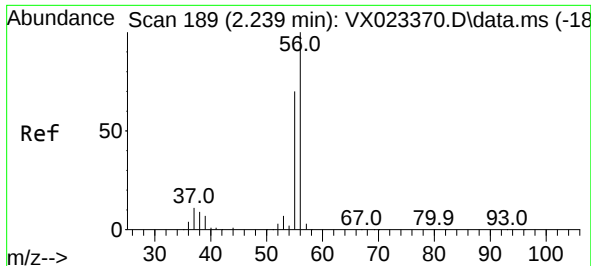
Tgt Ion:142 Resp: 568
Ion Ratio Lower Upper
142 100
127 35.7 33.3 49.9
141 4.6 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.693 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Tgt Ion: 59 Resp: 1214
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

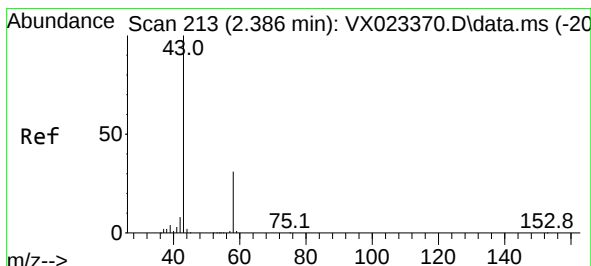
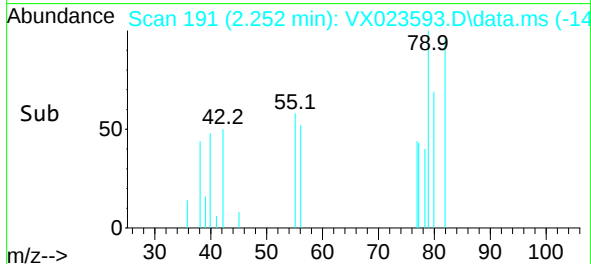
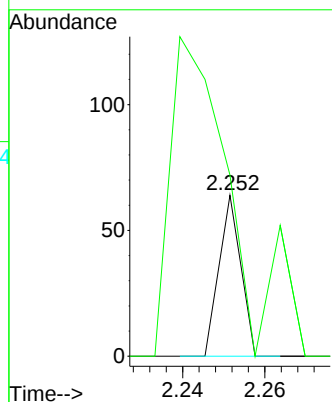
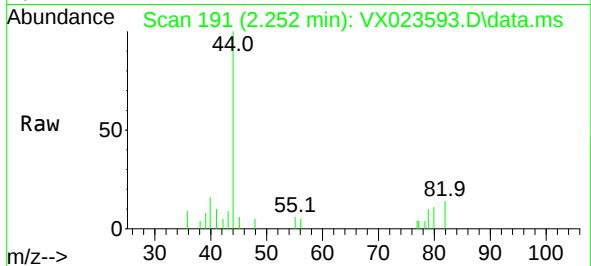




#13
Acrolein
Concen: 1.464 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

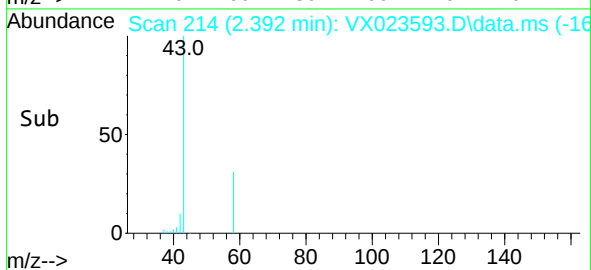
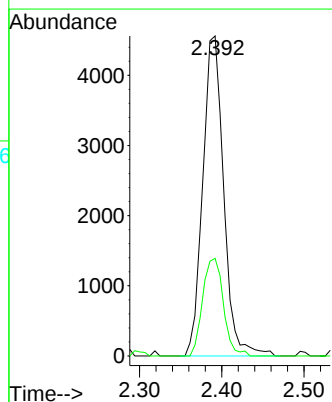
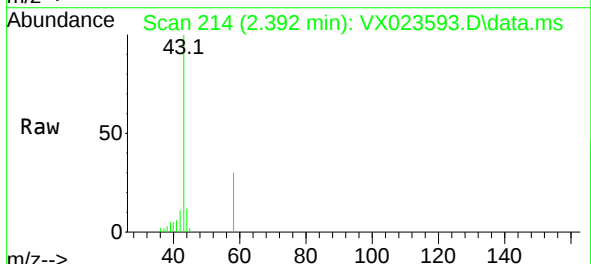
Instrument :
MSVOA_X
ClientSampled :

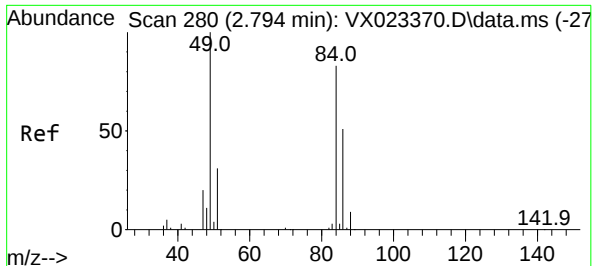
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 573.9 56.4 84.6#



#16
Acetone
Concen: 8.325 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

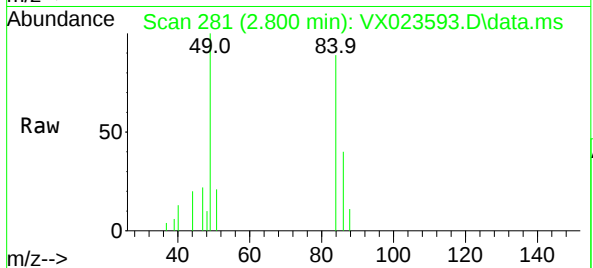
Tgt Ion: 43 Resp: 8059
Ion Ratio Lower Upper
43 100
58 30.5 27.8 41.8



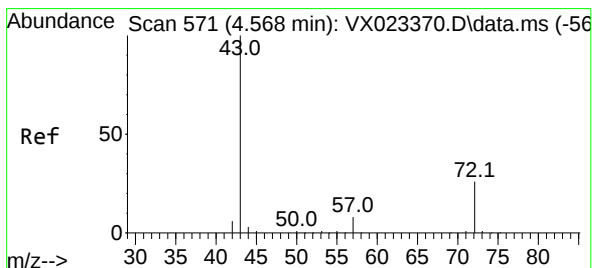
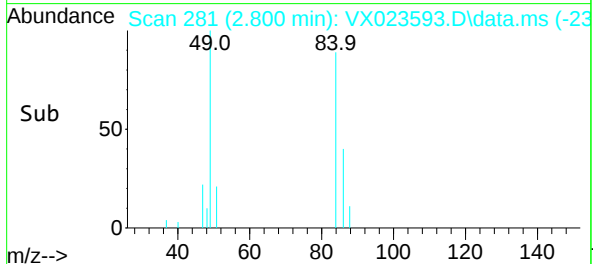
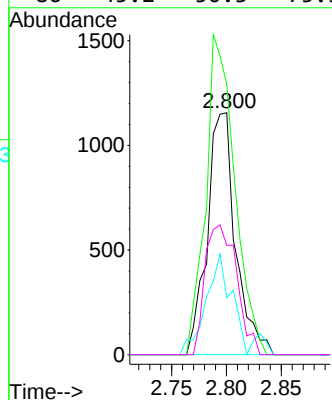


#20
Methylene Chloride
Concen: 1.105 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Instrument :
MSVOA_X
ClientSampled :

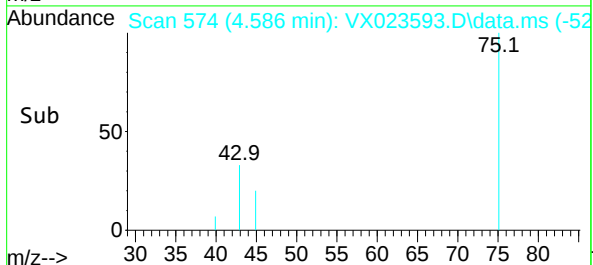
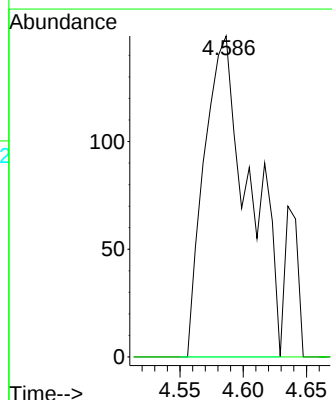
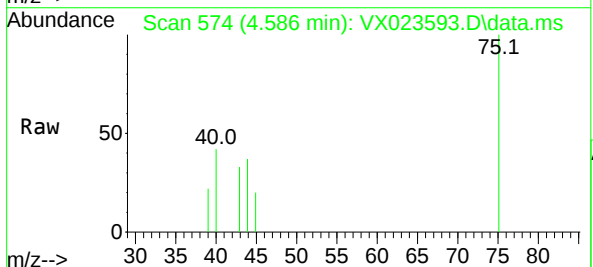


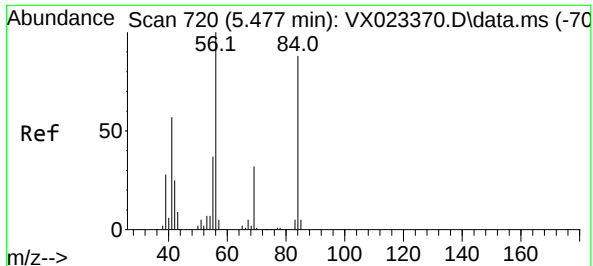
Tgt Ion: 84	Resp: 2081
Ion Ratio	Lower Upper
84 100	
49 111.8	88.6 132.8
51 23.4	27.0 40.6#
86 45.2	50.3 75.5#



#25
2-Butanone
Concen: 0.248 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

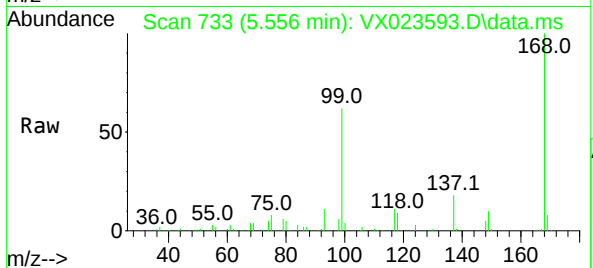
Tgt Ion: 43	Resp: 372
Ion Ratio	Lower Upper
43 100	
72 0.0	23.7 35.5#



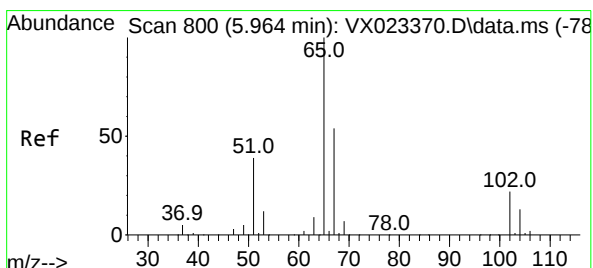
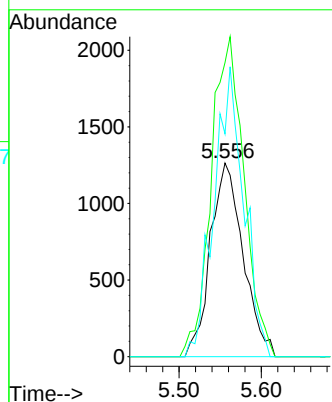
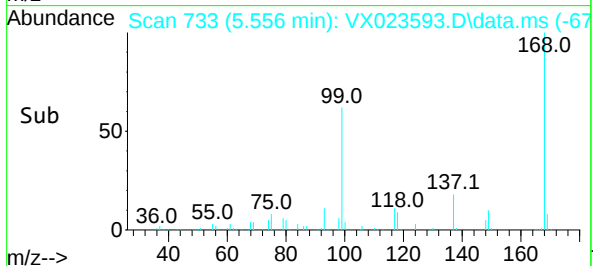


#31
Cyclohexane
Concen: 1.195 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

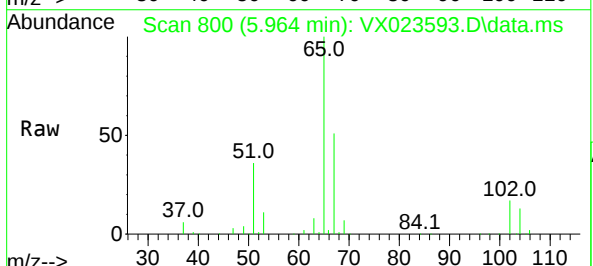
Instrument :
MSVOA_X
ClientSampleId :



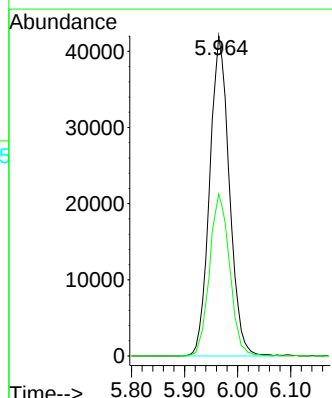
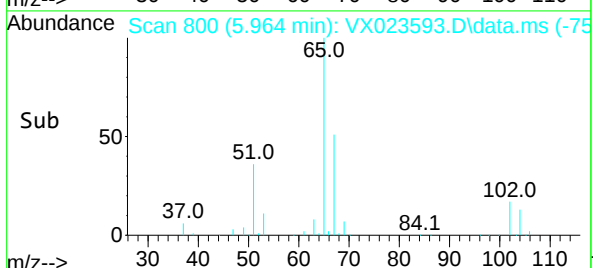
Tgt Ion: 56 Resp: 3494
Ion Ratio Lower Upper
56 100
69 151.9 25.3 37.9#
84 115.1 71.4 107.0#

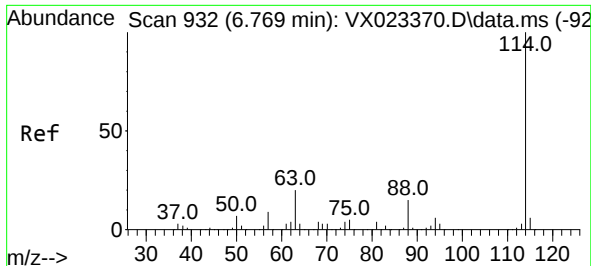


#33
1,2-Dichloroethane-d4
Concen: 54.923 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58



Tgt Ion: 65 Resp: 108383
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

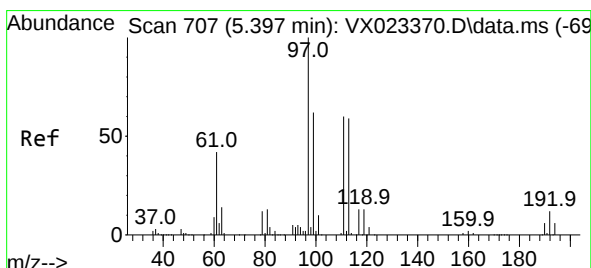
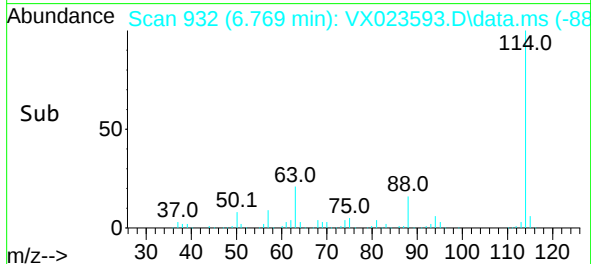
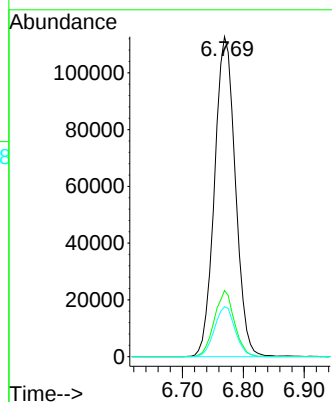
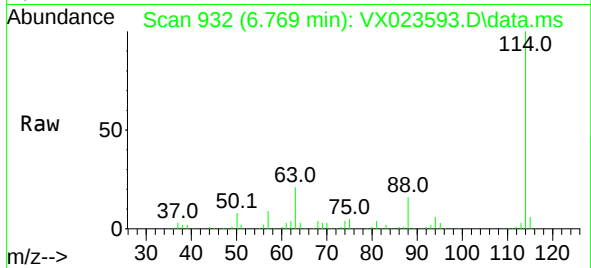




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

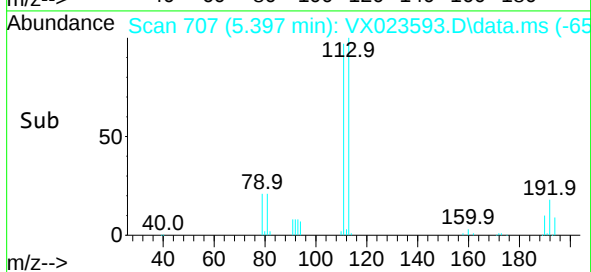
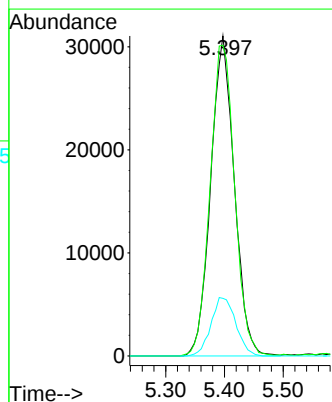
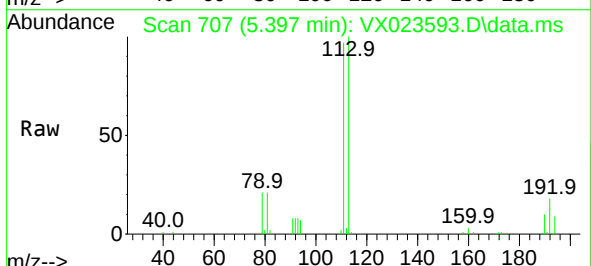
Instrument :
MSVOA_X
ClientSampleId :

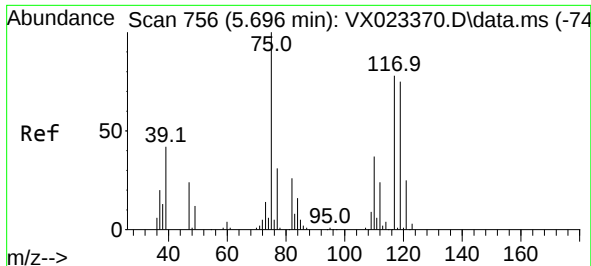
Tgt Ion:114 Resp: 267842
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.508 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Tgt Ion:113 Resp: 86259
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.2 16.7 25.1

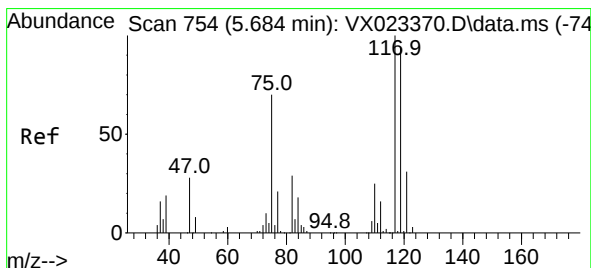
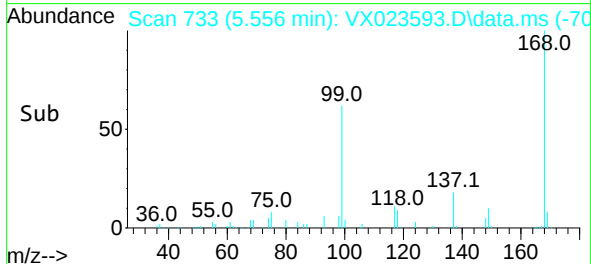
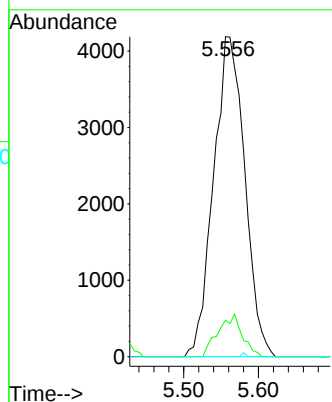
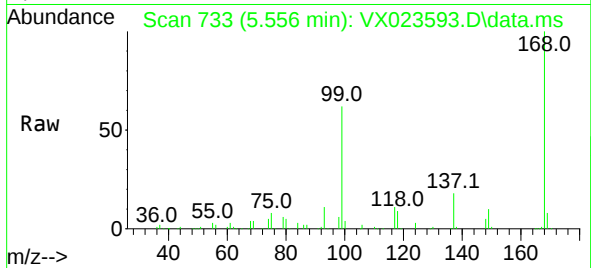




#36
1,1-Dichloropropene
Concen: 5.016 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

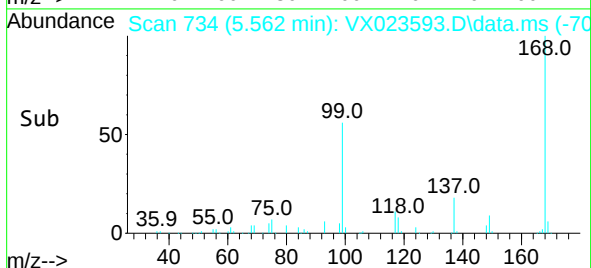
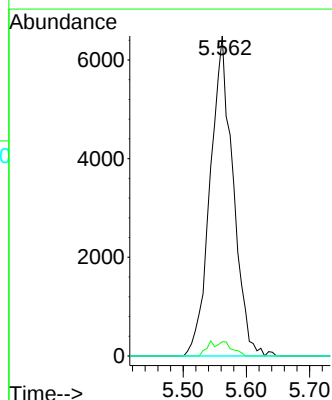
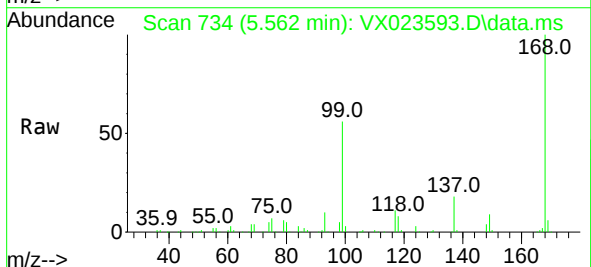
Instrument :
MSVOA_X
ClientSampled :

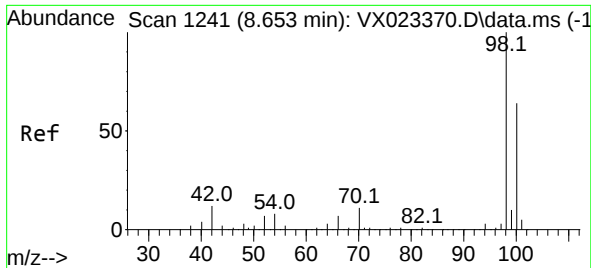
Tgt Ion: 75 Resp: 12154
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.613 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Tgt Ion: 117 Resp: 16295
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

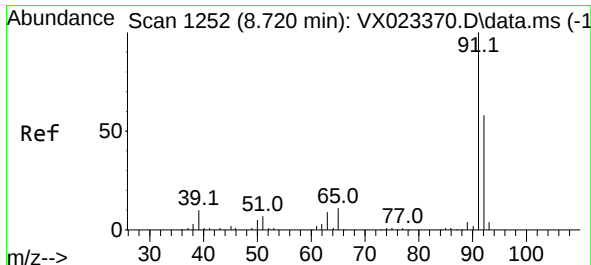
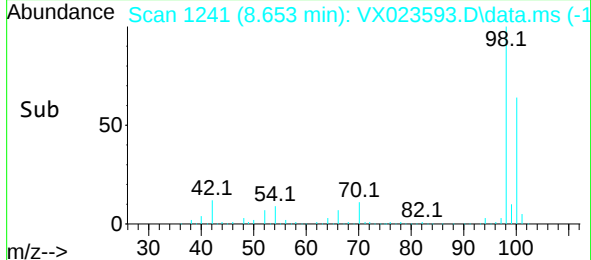
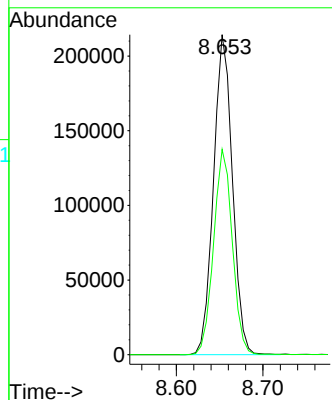
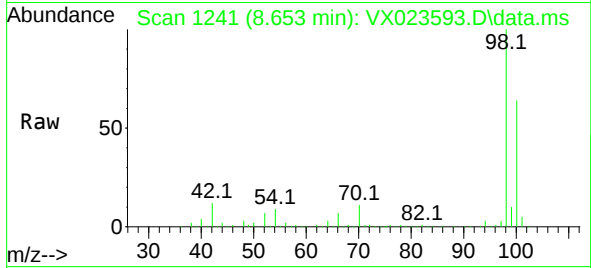




#50
Toluene-d8
Concen: 52.788 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

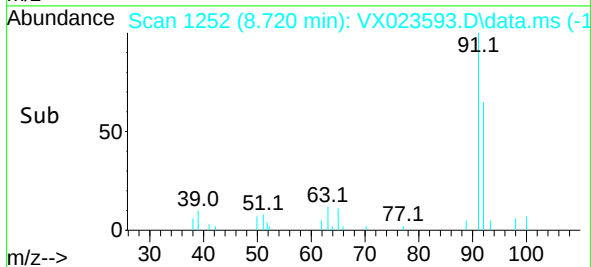
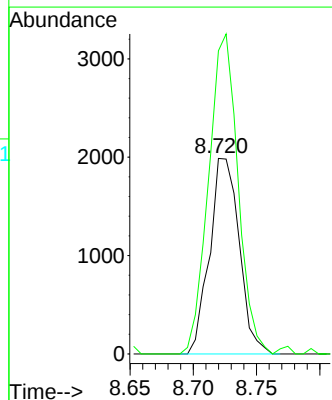
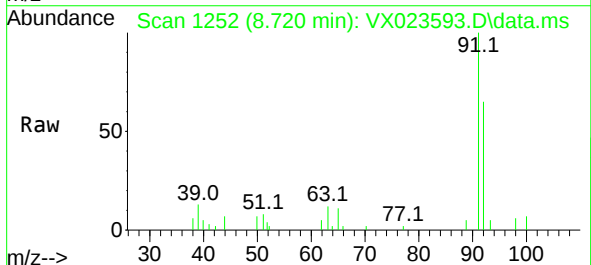
Instrument :
MSVOA_X
ClientSampled :

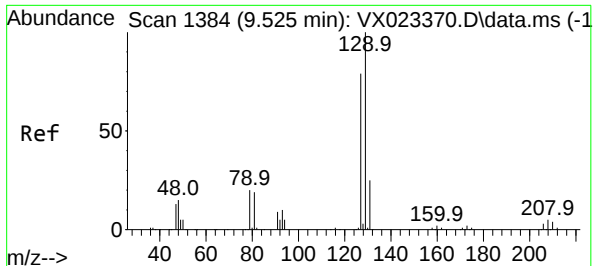
Tgt Ion: 98 Resp: 324792
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9



#52
Toluene
Concen: 0.728 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Tgt Ion: 92 Resp: 3239
Ion Ratio Lower Upper
92 100
91 162.4 137.1 205.7





#60

Dibromochloromethane

Concen: 2.002 ug/l

RT: 9.628 min Scan# 1401

Delta R.T. 0.103 min

Lab File: VX023593.D

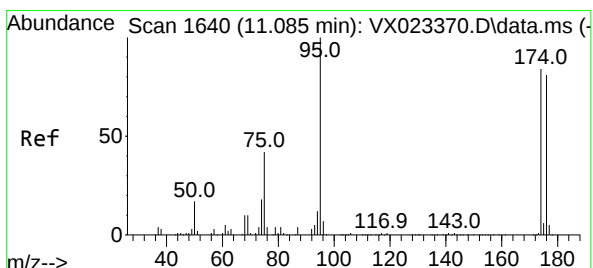
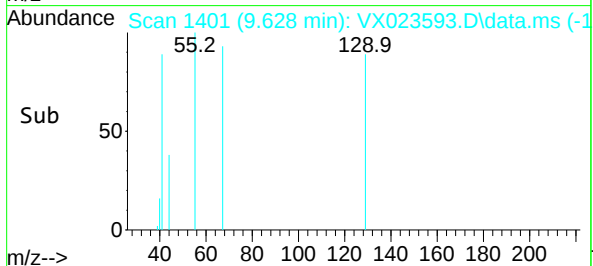
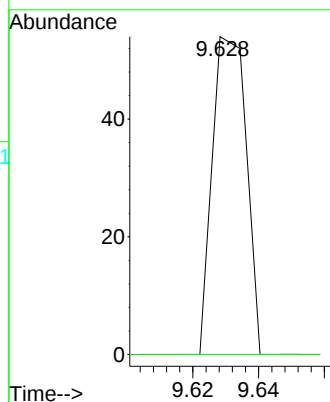
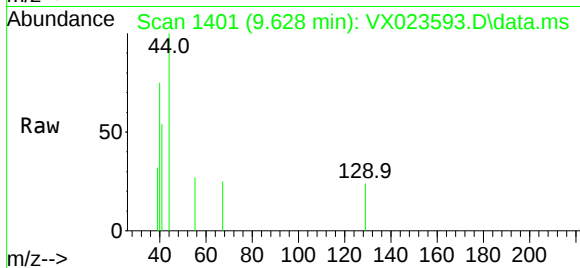
Acq: 06 Aug 2021 13:58

Tgt Ion:129 Resp: 39

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 54.080 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023593.D

Acq: 06 Aug 2021 13:58

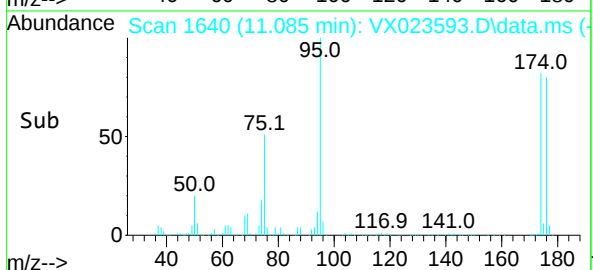
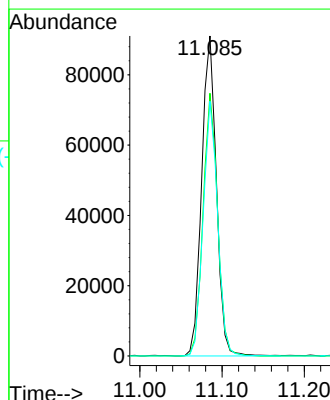
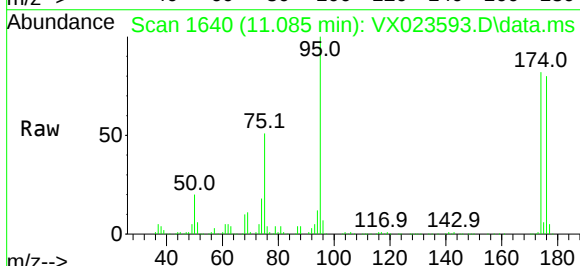
Tgt Ion: 95 Resp: 113146

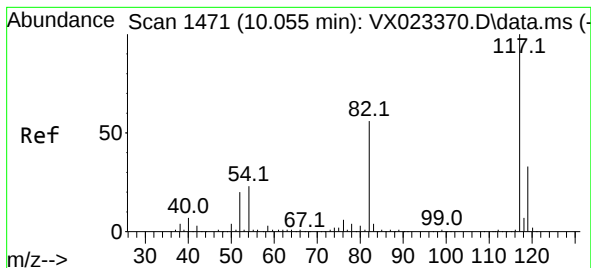
Ion Ratio Lower Upper

95 100

174 80.8 0.0 154.6

176 78.2 0.0 155.8

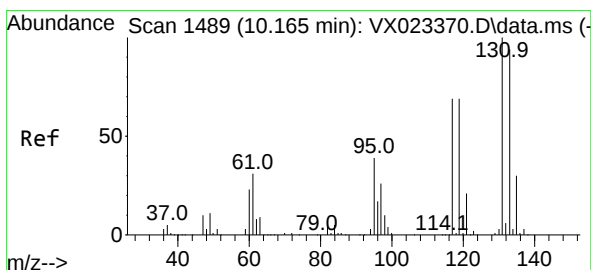
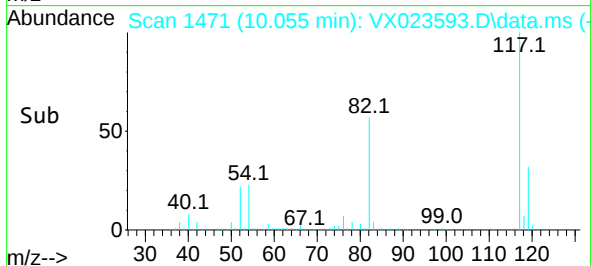
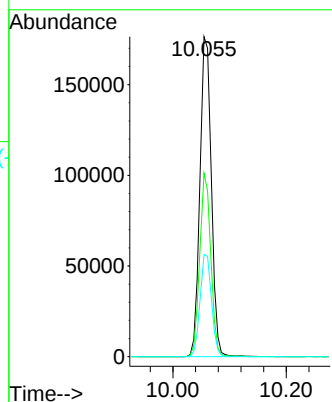
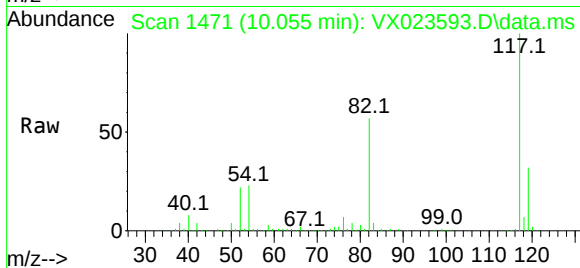




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

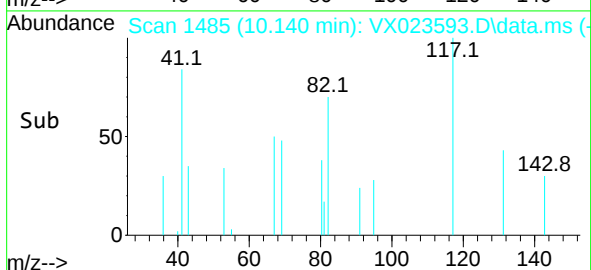
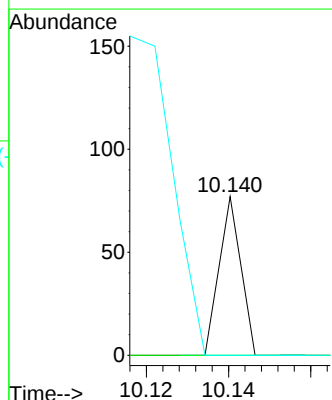
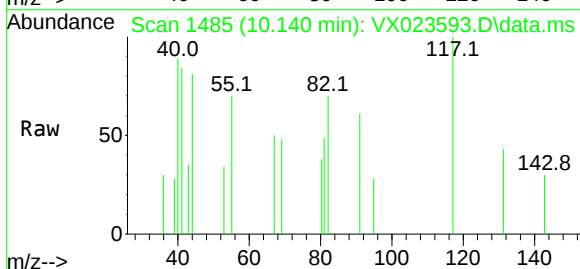
Instrument :
MSVOA_X
ClientSampled :

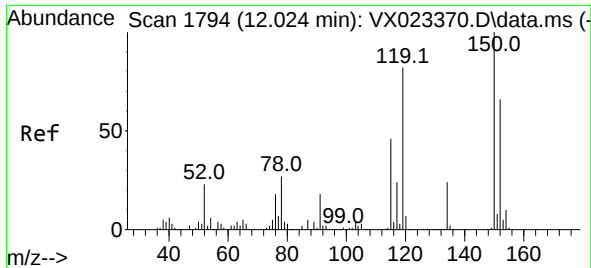
Tgt Ion:117 Resp: 246596
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 31.9 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.989 ug/l
RT: 10.140 min Scan# 1485
Delta R.T. -0.025 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Tgt Ion:131 Resp: 28
Ion Ratio Lower Upper
131 100
133 0.0 47.7 143.1#
119 0.0 32.1 96.5#

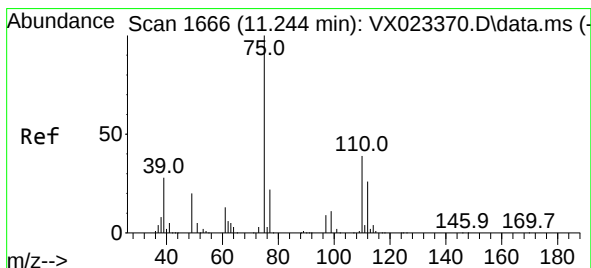
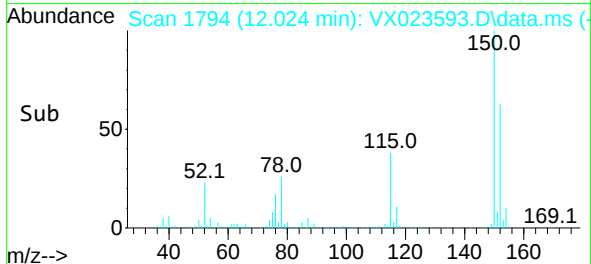
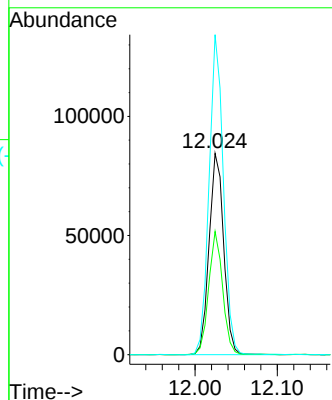
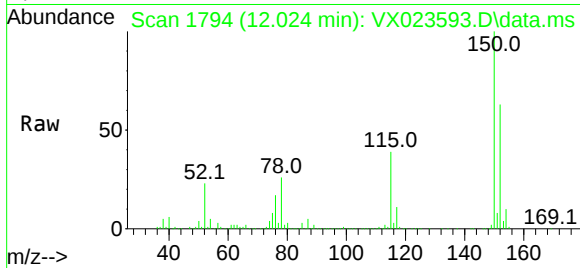




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

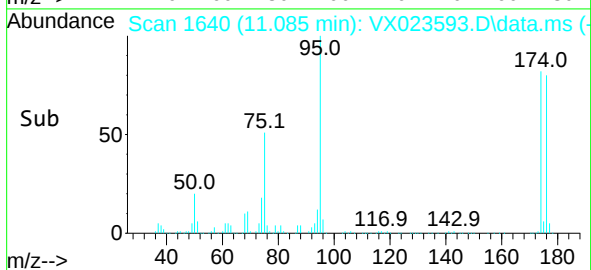
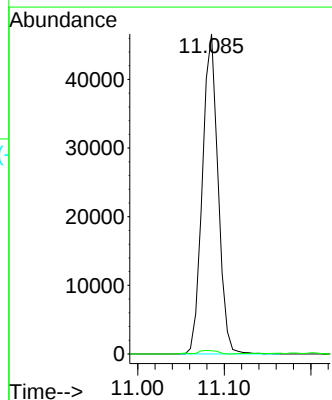
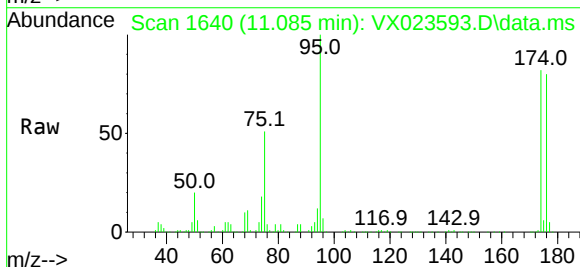
Instrument :
MSVOA_X
ClientSampled :

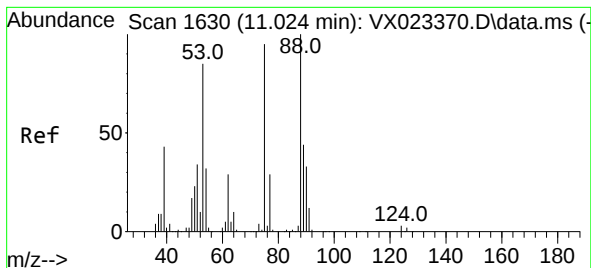
Tgt Ion:152 Resp: 104270
Ion Ratio Lower Upper
152 100
115 58.5 41.1 123.3
150 155.4 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.536 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Tgt Ion: 75 Resp: 58593
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#

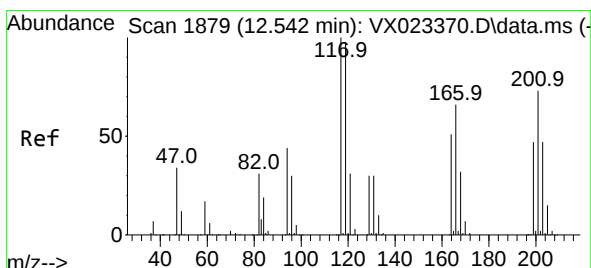
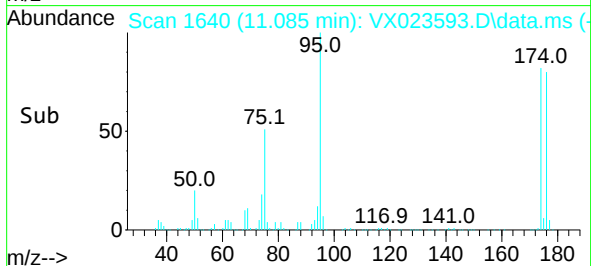
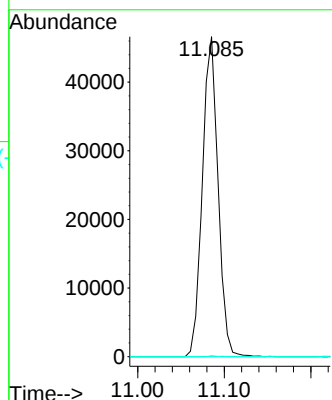
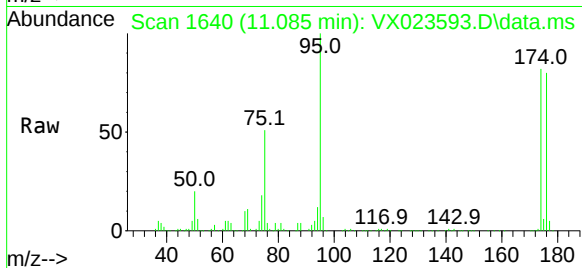




#81
trans-1,4-Dichloro-2-butene
Concen: 68.663 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 58593
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 1.914 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX023593.D
Acq: 06 Aug 2021 13:58

Tgt Ion: 117 Resp: 19
Ion Ratio Lower Upper
117 100
201 100.0 40.4 121.2

