

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
 Data File : VX022098.D
 Acq On : 19 May 2021 19:19
 Operator : JC/MD
 Sample : M2406-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK02

Quant Time: May 20 04:24:02 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	79136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	163262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	143132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55890	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	63068	51.66	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.32%
35) Dibromofluoromethane	5.397	113	50771	49.04	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.08%
50) Toluene-d8	8.653	98	199482	50.02	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.04%
62) 4-Bromofluorobenzene	11.085	95	69980	47.47	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.94%

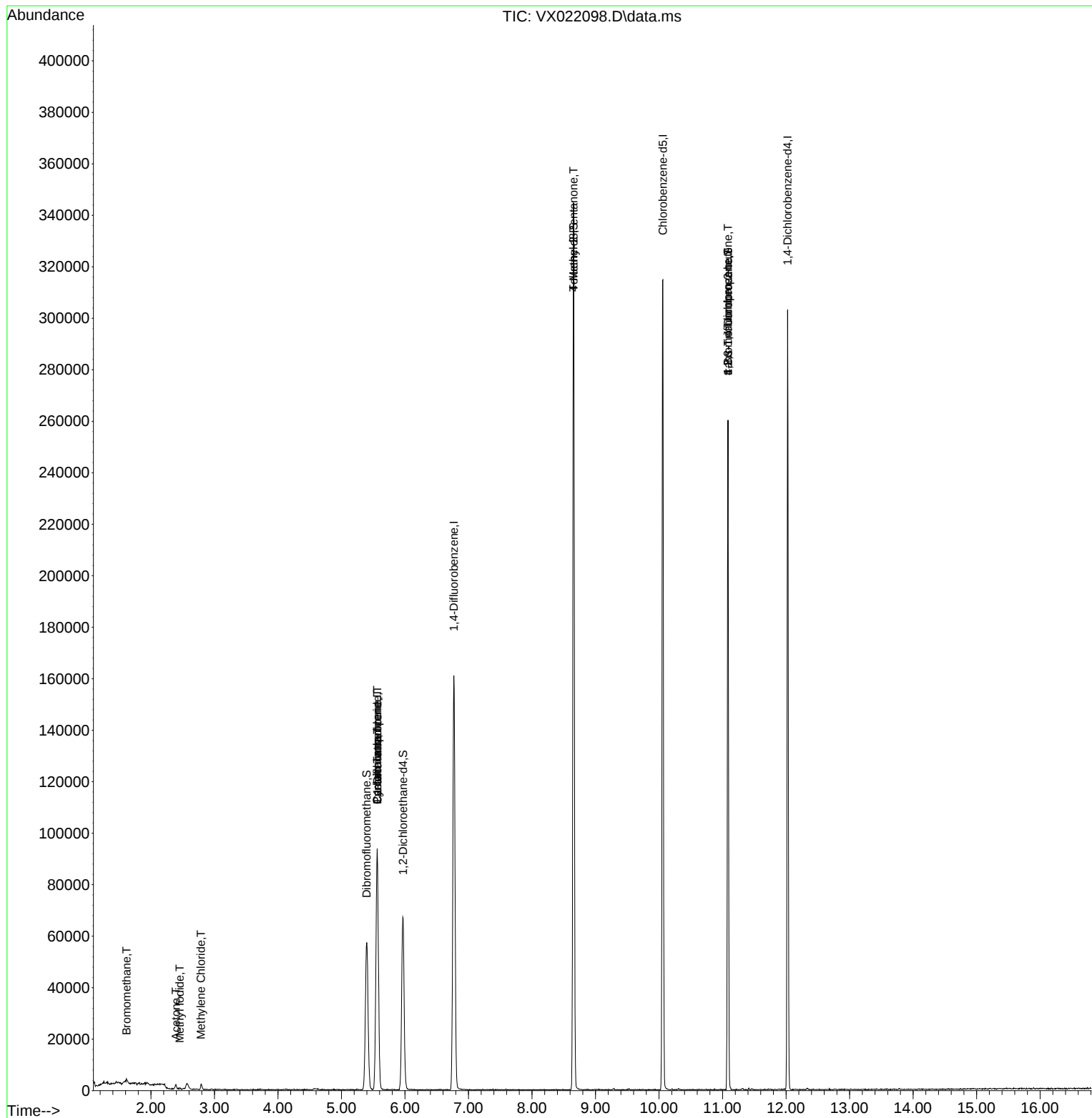
Target Compounds						Qvalue
5) Bromomethane	1.617	94	251	0.39	ug/l	82
10) Methyl Iodide	2.453	142	458	0.45	ug/l #	86
16) Acetone	2.392	43	1823	3.43	ug/l #	86
20) Methylene Chloride	2.788	84	884	0.75	ug/l #	90
31) Cyclohexane	5.562	56	1995	1.30	ug/l #	42
36) 1,1-Dichloropropene	5.562	75	7567	5.01	ug/l #	49
38) Carbon Tetrachloride	5.562	117	9089	6.15	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1120	0.62	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	34781	25.23	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	34781	59.77	ug/l #	12

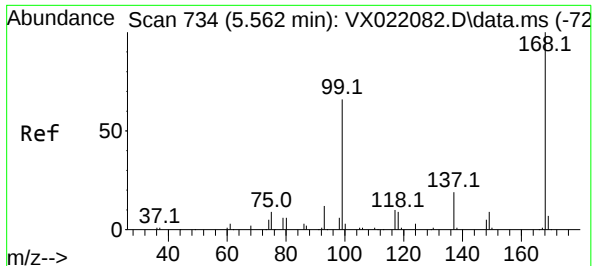
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
Data File : VX022098.D
Acq On : 19 May 2021 19:19
Operator : JC/MD
Sample : M2406-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VIBLK02

Quant Time: May 20 04:24:02 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

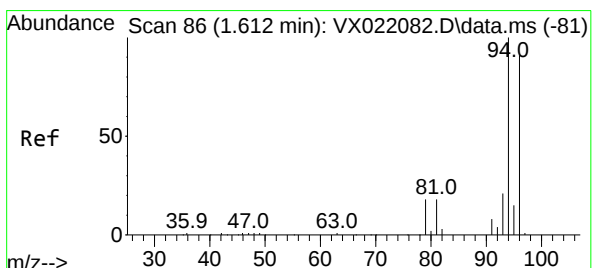
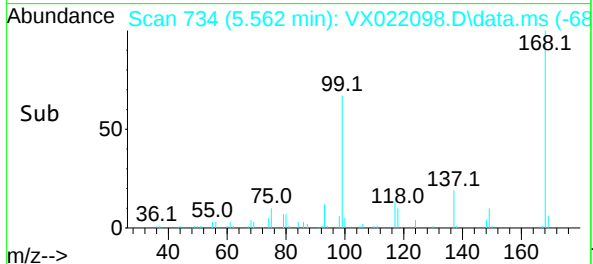
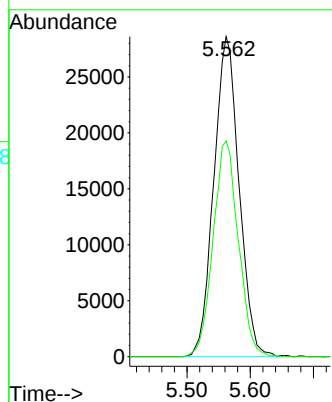
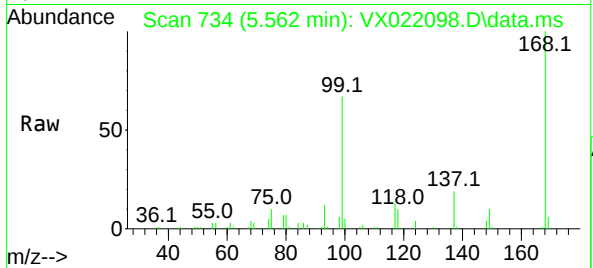




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19

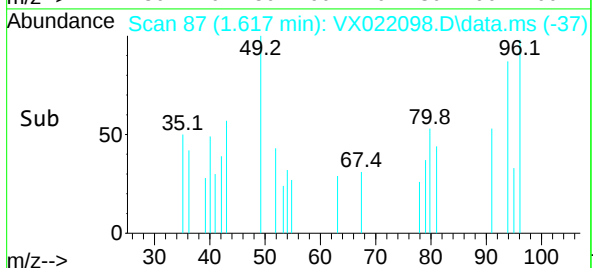
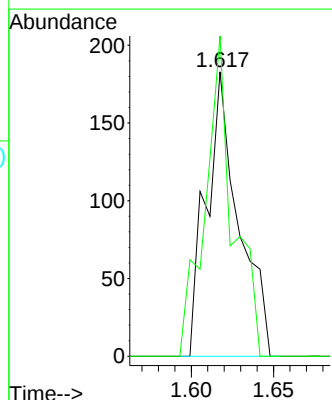
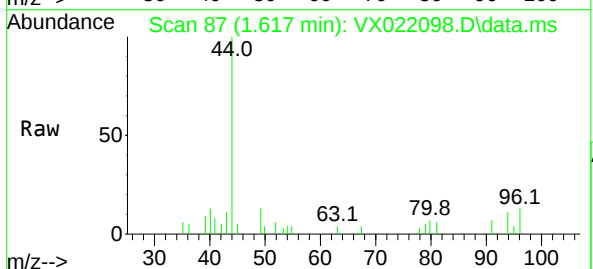
Instrument :
MSVOA_X
ClientSampleId :
VIBLK02

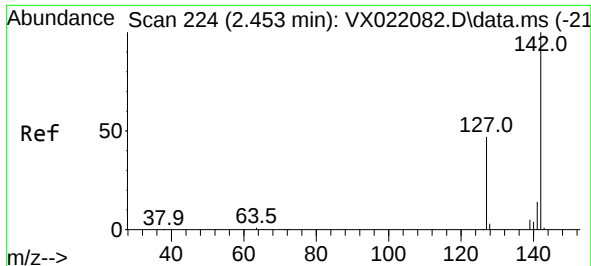
Tgt Ion:168 Resp: 79136
Ion Ratio Lower Upper
168 100
99 67.4 45.8 68.6



#5
Bromomethane
Concen: 0.39 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19

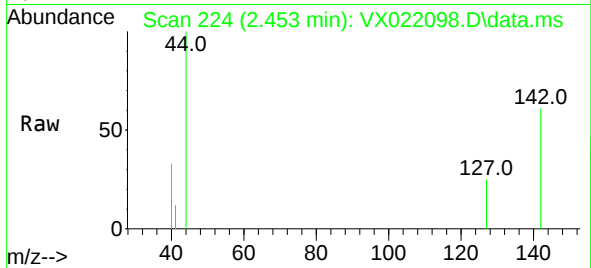
Tgt Ion: 94 Resp: 251
Ion Ratio Lower Upper
94 100
96 112.6 76.4 114.6



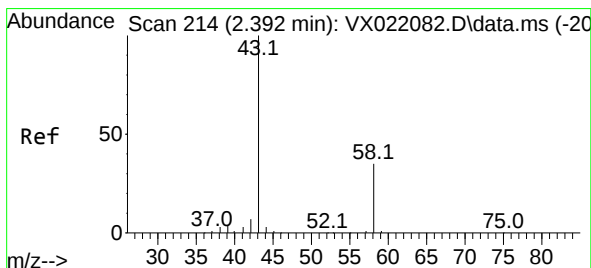
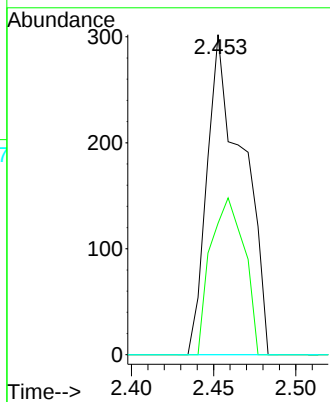
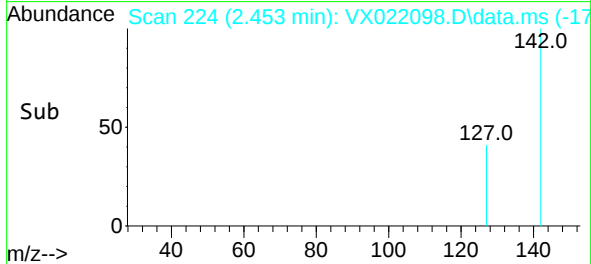


#10
Methyl Iodide
Concen: 0.45 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19

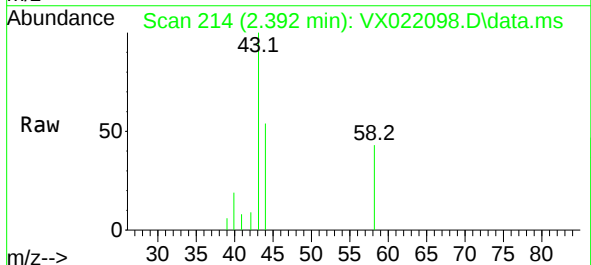
Instrument :
MSVOA_X
ClientSampleId :
VIBLK02



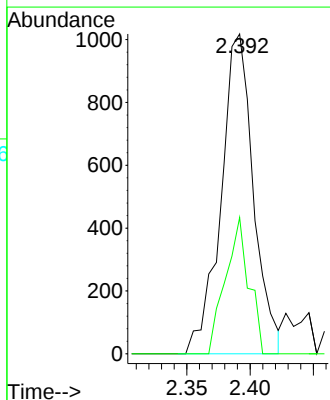
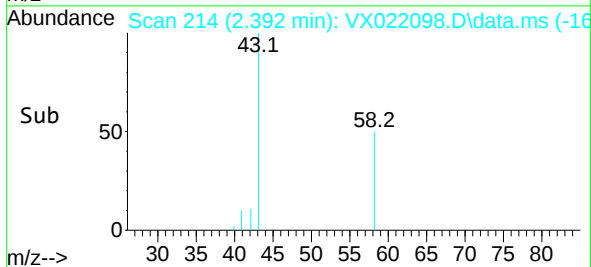
Tgt Ion:142 Resp: 458
Ion Ratio Lower Upper
142 100
127 46.1 33.3 49.9
141 0.0 11.4 17.0#

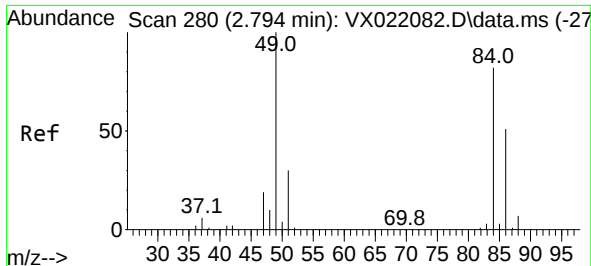


#16
Acetone
Concen: 3.43 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19



Tgt Ion: 43 Resp: 1823
Ion Ratio Lower Upper
43 100
58 42.6 27.8 41.8#





#20

Methylene Chloride

Concen: 0.75 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022098.D

Acq: 19 May 2021 19:19

Tgt Ion: 84 Resp: 884

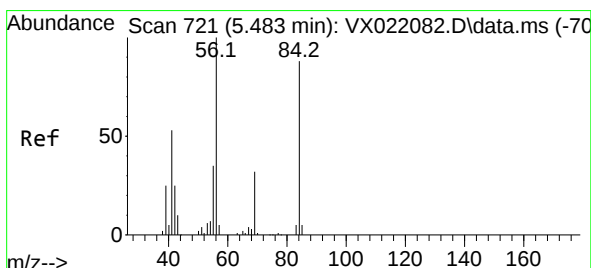
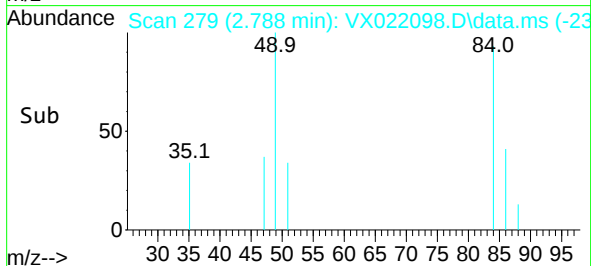
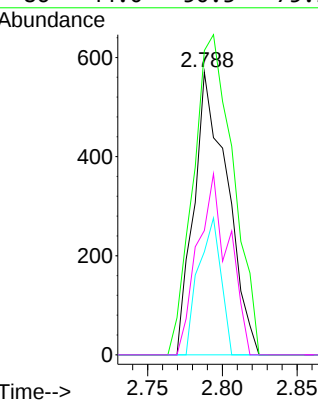
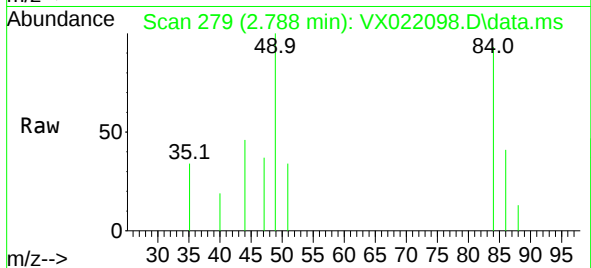
Ion Ratio Lower Upper

84 100

49 107.7 88.6 132.8

51 36.5 27.0 40.6

86 44.0 50.3 75.5#



#31

Cyclohexane

Concen: 1.30 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.079 min

Lab File: VX022098.D

Acq: 19 May 2021 19:19

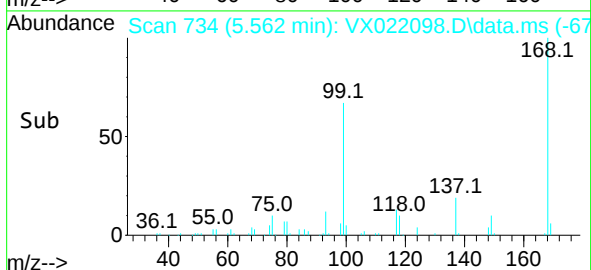
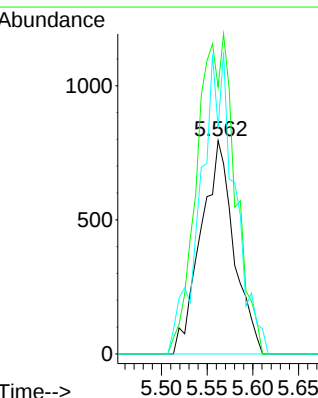
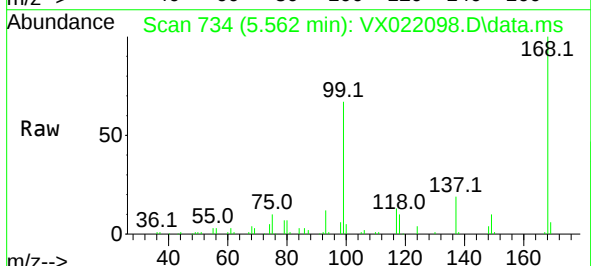
Tgt Ion: 56 Resp: 1995

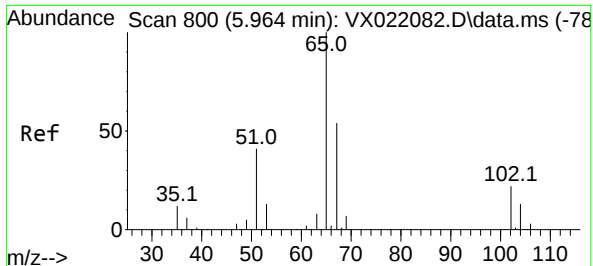
Ion Ratio Lower Upper

56 100

69 125.2 25.3 37.9#

84 106.2 71.4 107.0



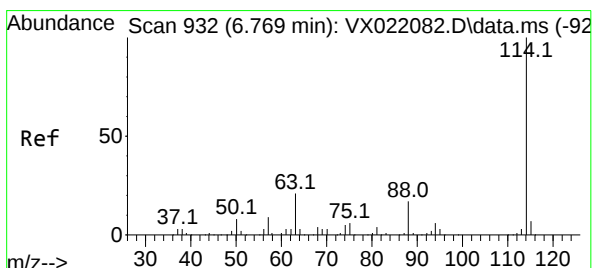
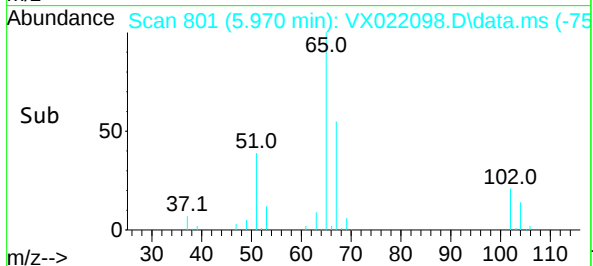
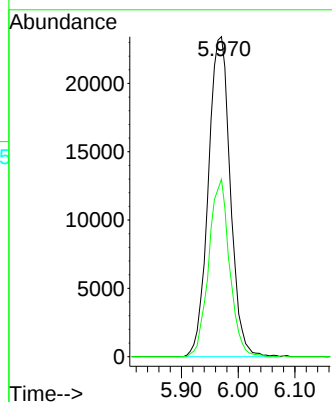
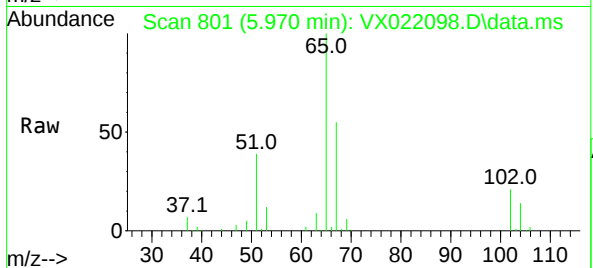


#33

1,2-Dichloroethane-d4
Concen: 51.66 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19

Instrument :
MSVOA_X
ClientSampled :
VIBLK02

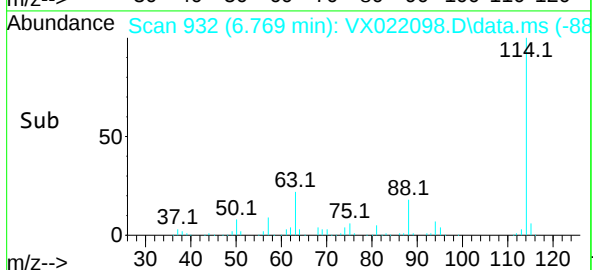
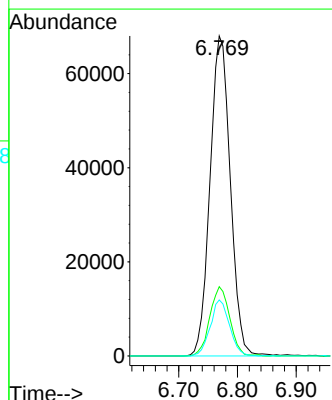
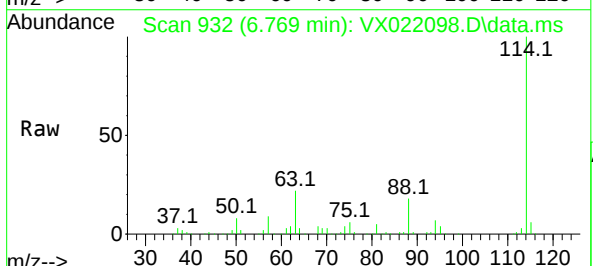
Tgt Ion: 65 Resp: 63068
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

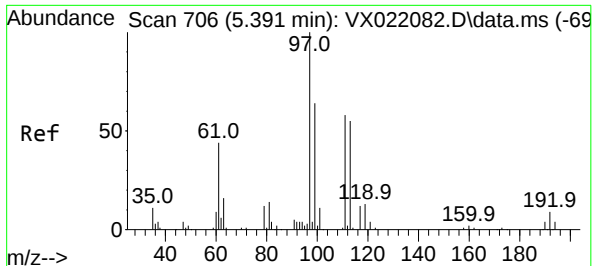


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19

Tgt Ion: 114 Resp: 163262
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 17.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.04 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022098.D

Acq: 19 May 2021 19:19

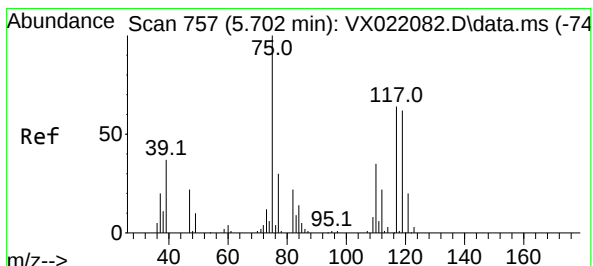
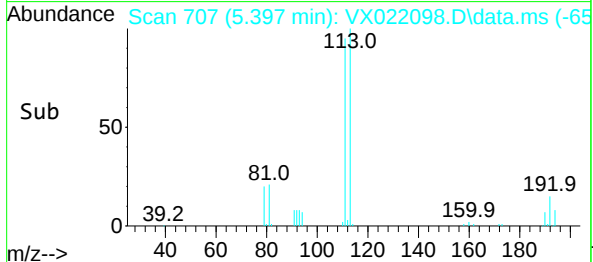
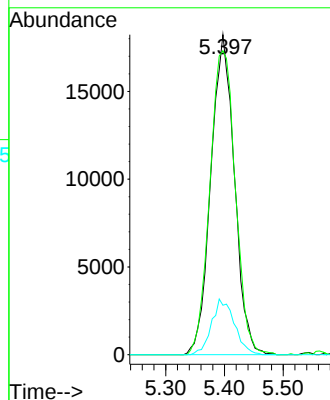
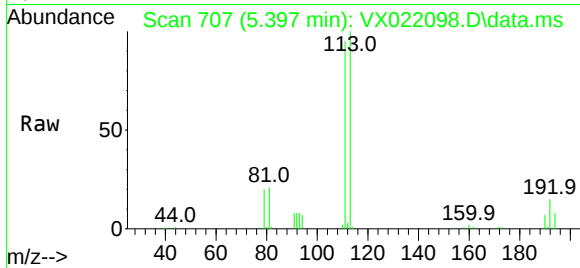
Tgt Ion:113 Resp: 50771

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

192 16.9 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.01 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022098.D

Acq: 19 May 2021 19:19

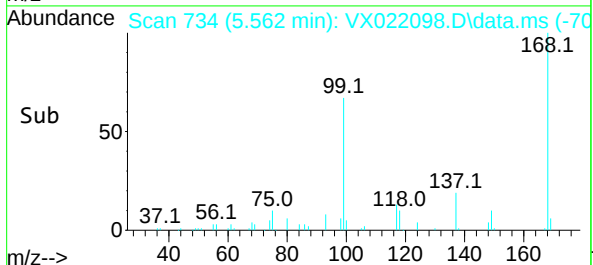
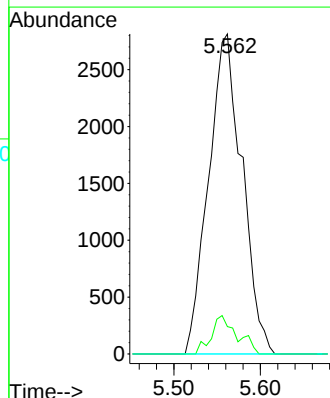
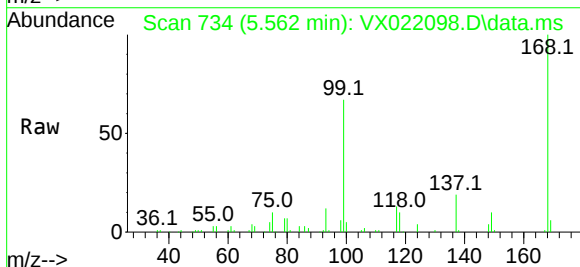
Tgt Ion: 75 Resp: 7567

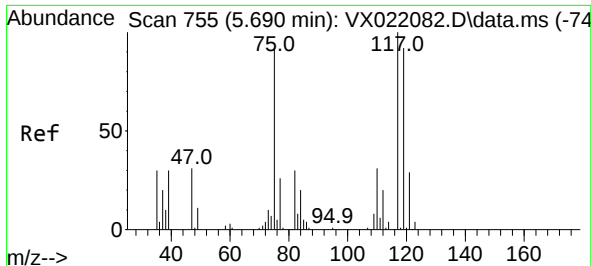
Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.4#

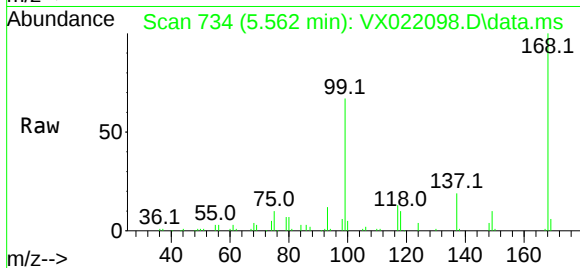
77 0.0 25.3 37.9#



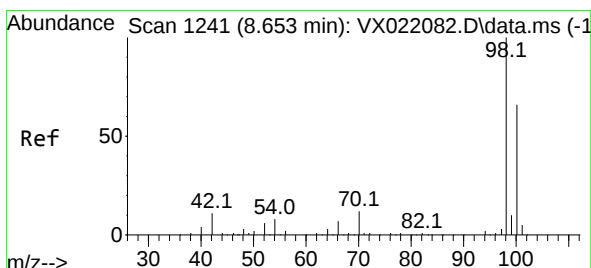
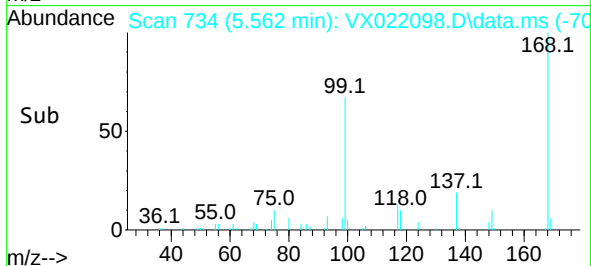
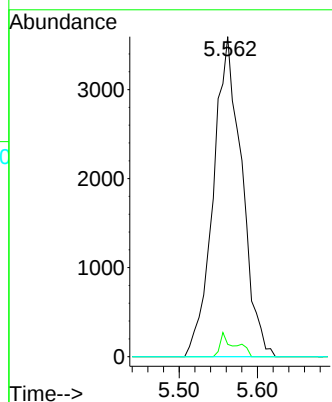


#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19

Instrument :
MSVOA_X
ClientSampleId :
VIBLK02

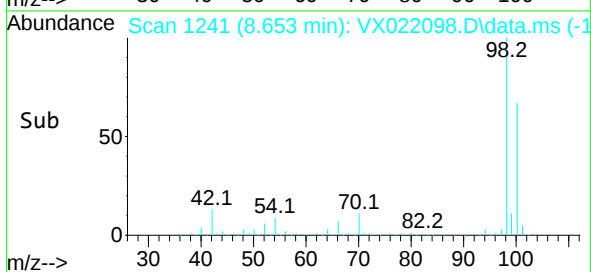
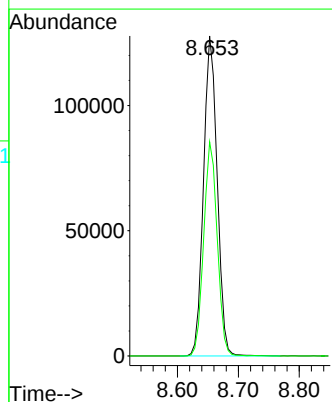
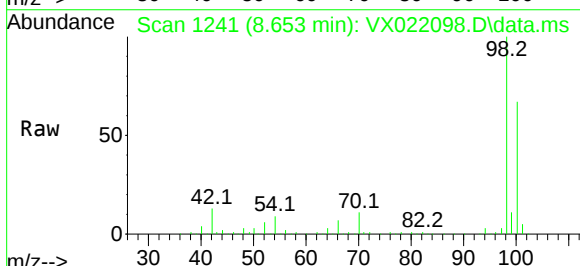


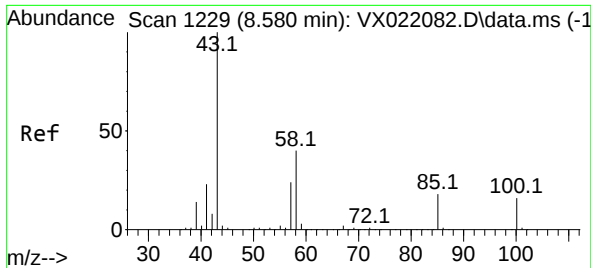
Tgt Ion:117 Resp: 9089
Ion Ratio Lower Upper
117 100
119 3.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.02 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19

Tgt Ion: 98 Resp: 199482
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

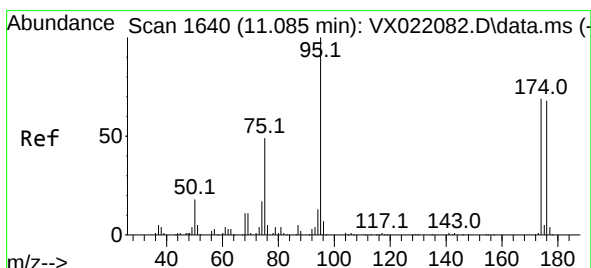
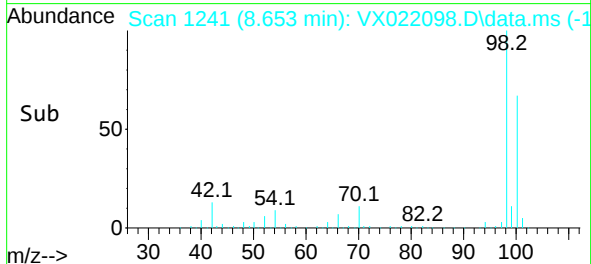
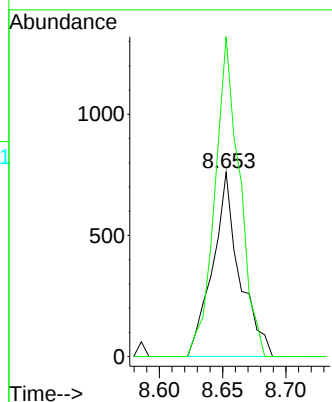
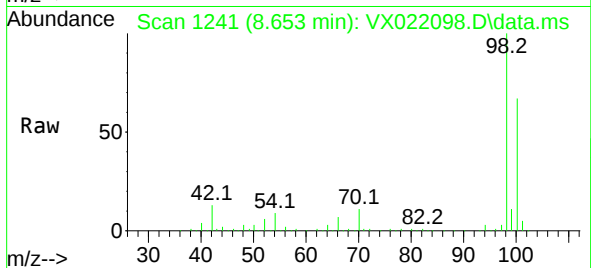




#51
4-Methyl-2-Pentanone
Concen: 0.62 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19

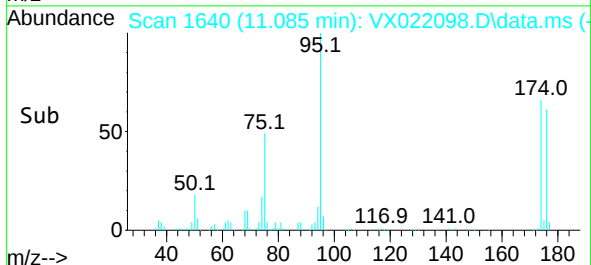
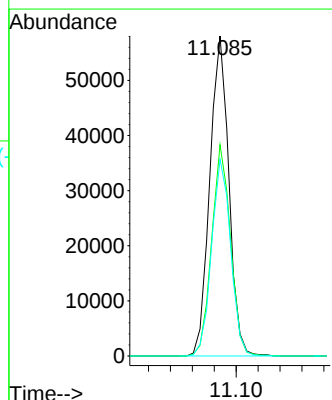
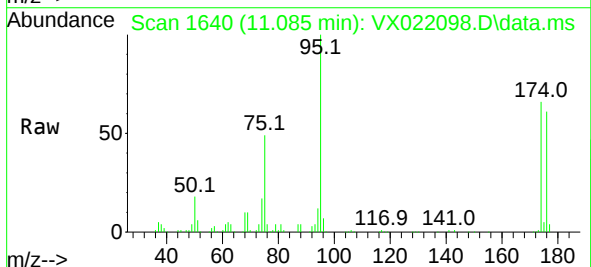
Instrument :
MSVOA_X
ClientSampled :
VIBLK02

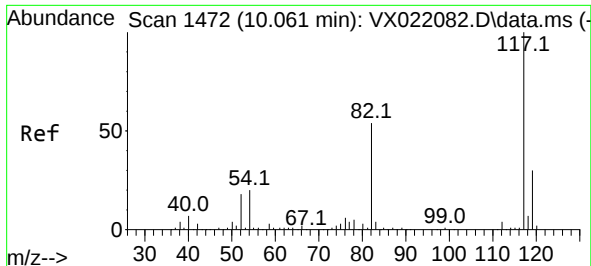
Tgt Ion: 43 Resp: 1120
Ion Ratio Lower Upper
43 100
58 160.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 47.47 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19

Tgt Ion: 95 Resp: 69980
Ion Ratio Lower Upper
95 100
174 65.3 0.0 154.6
176 61.6 0.0 155.8

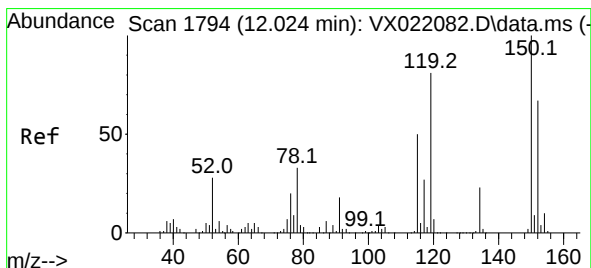
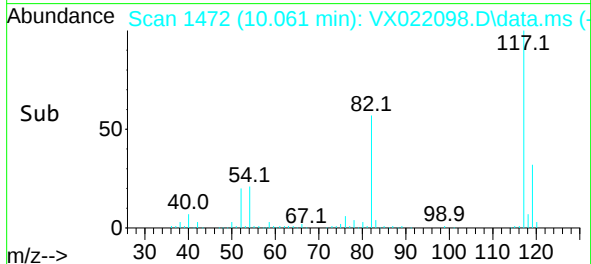
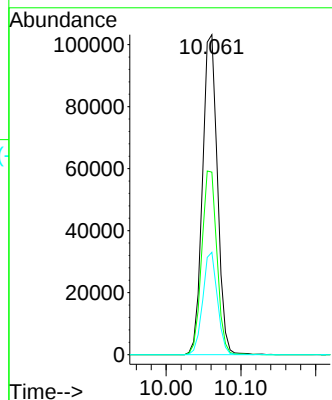
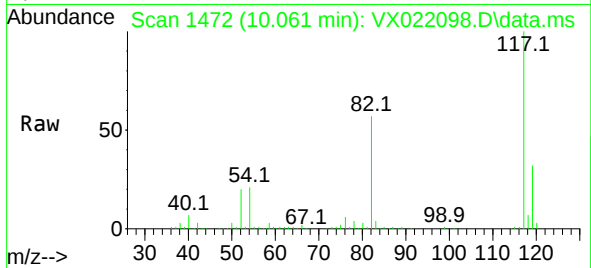




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19

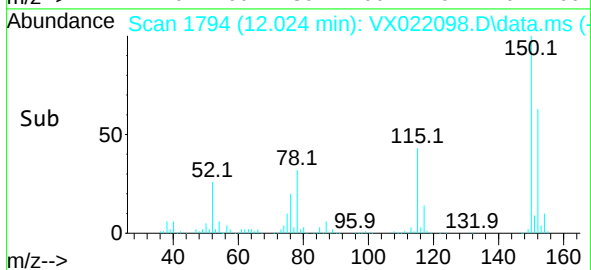
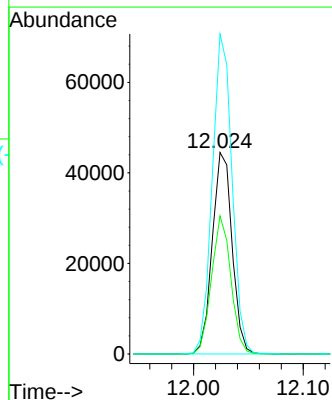
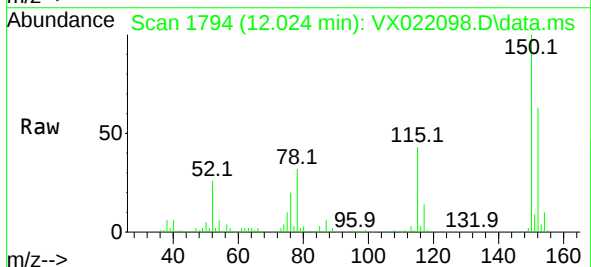
Instrument :
MSVOA_X
ClientSampleId :
VIBLK02

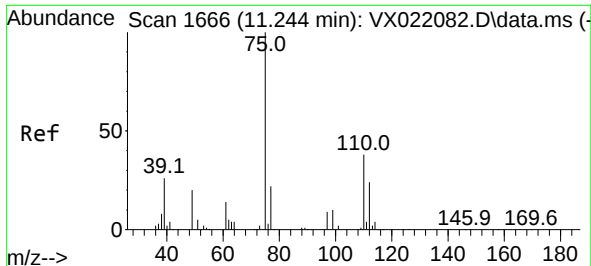
Tgt Ion:117 Resp: 143132
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19

Tgt Ion:152 Resp: 55890
Ion Ratio Lower Upper
152 100
115 66.6 41.1 123.3
150 158.2 0.0 349.0

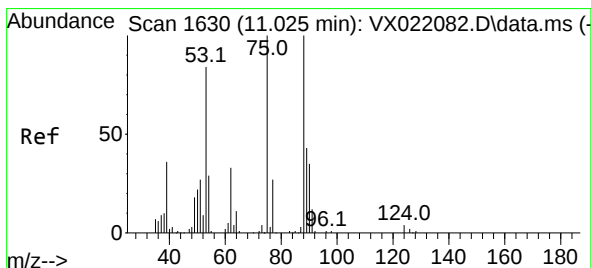
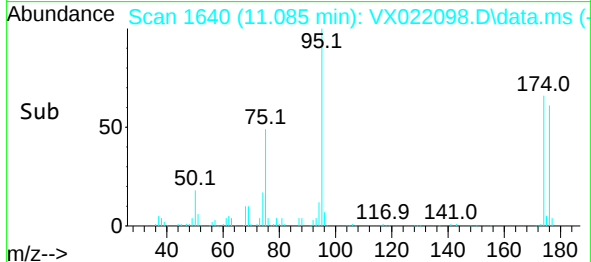
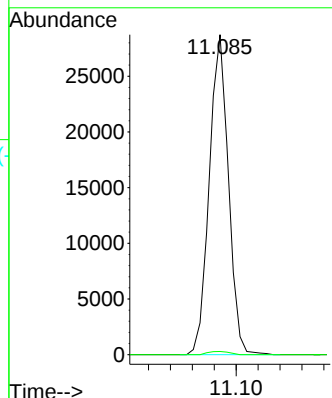
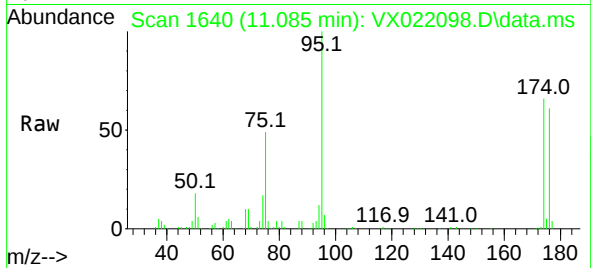




#76
1,2,3-Trichloropropane
Concen: 25.23 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19

Instrument :
MSVOA_X
ClientSampled :
VIBLK02

Tgt Ion: 75 Resp: 34781
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.77 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022098.D
Acq: 19 May 2021 19:19

Tgt Ion: 75 Resp: 34781
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

