

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023392.D
 Acq On : 22 Jul 2021 23:19
 Operator : JC/MD
 Sample : M3145-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-2S(OFFSIDE)

Quant Time: Jul 23 06:11:17 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)

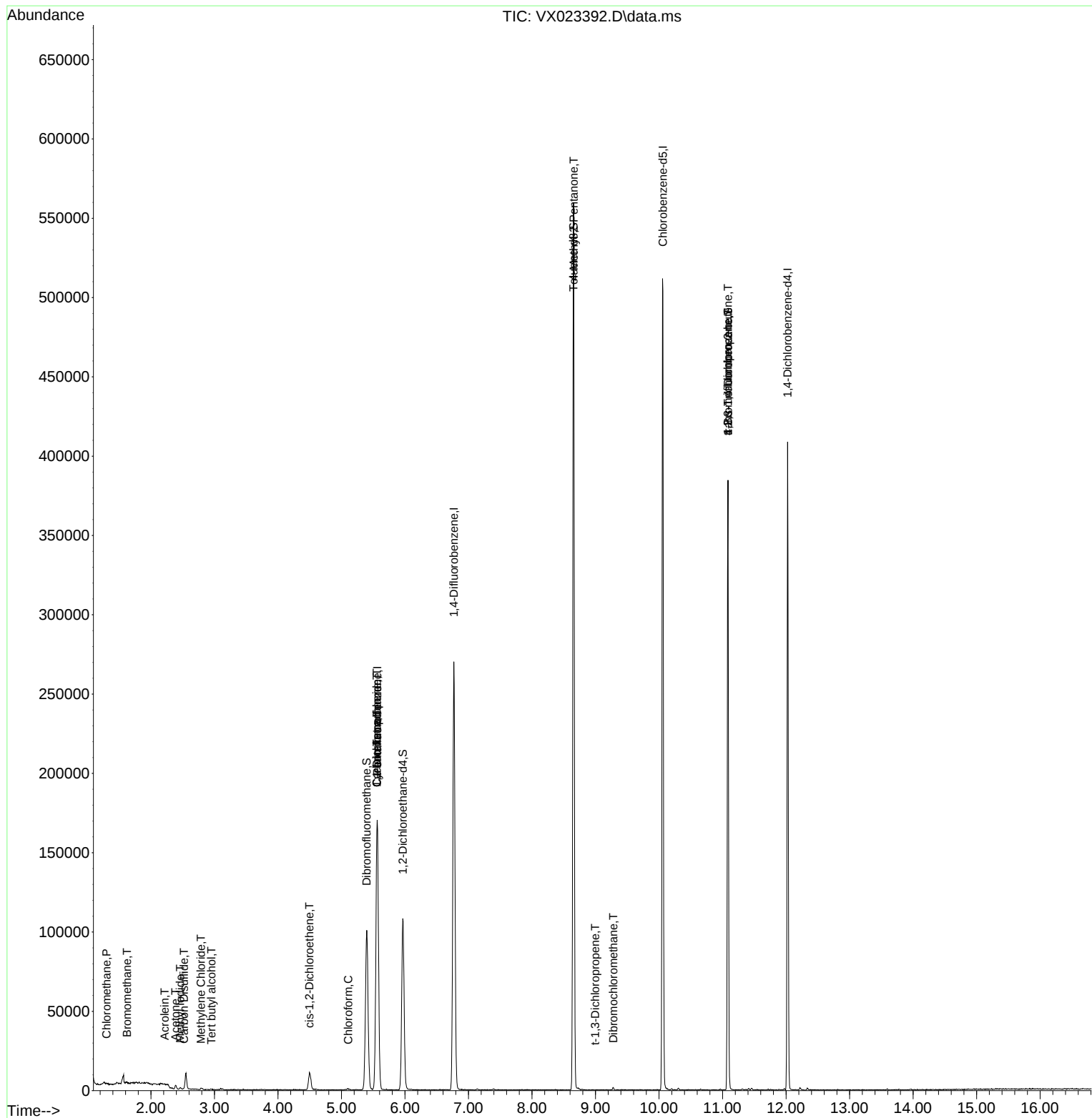
Internal Standards						
1) Pentafluorobenzene	5.562	168	166797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	273724	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	235879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102617	49.320	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.640%
35) Dibromofluoromethane	5.397	113	85383	49.889	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.780%
50) Toluene-d8	8.653	98	327791	52.131	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.260%
62) 4-Bromofluorobenzene	11.085	95	98235	45.944	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	508	0.284	ug/l	99
5) Bromomethane	1.624	94	735	0.684	ug/l #	69
10) Methyl Iodide	2.459	142	1016	0.491	ug/l #	90
11) Tert butyl alcohol	2.953	59	169	0.356	ug/l #	86
13) Acrolein	2.215	56	50	1.570	ug/l #	1
16) Acetone	2.386	43	2658	2.604	ug/l	89
17) Carbon Disulfide	2.520	76	850	0.210	ug/l #	75
20) Methylene Chloride	2.788	84	464	0.234	ug/l #	76
27) cis-1,2-Dichloroethene	4.495	96	6872	3.399	ug/l	89
30) Chloroform	5.105	83	891	0.269	ug/l #	56
31) Cyclohexane	5.556	56	3456	1.121	ug/l #	8
36) 1,1-Dichloropropene	5.556	75	12354	4.989	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16682	6.625	ug/l #	18
51) 4-Methyl-2-Pentanone	8.659	43	1609	0.544	ug/l #	1
53) t-1,3-Dichloropropene	8.994	75	25	1.825	ug/l #	44
60) Dibromochloromethane	9.281	129	176	2.066	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	50303	27.985	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	50303	75.249	ug/l #	12

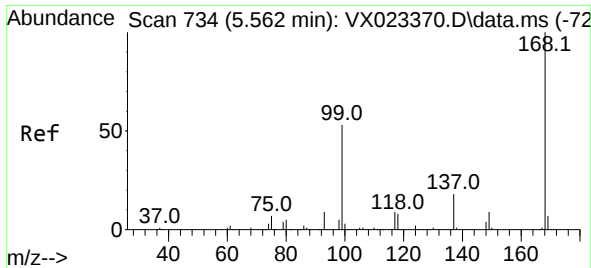
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
Data File : VX023392.D
Acq On : 22 Jul 2021 23:19
Operator : JC/MD
Sample : M3145-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSIDE)

Quant Time: Jul 23 06:11:17 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

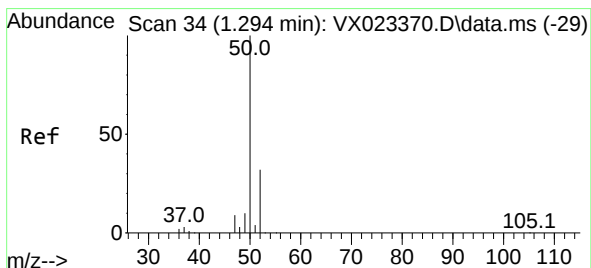
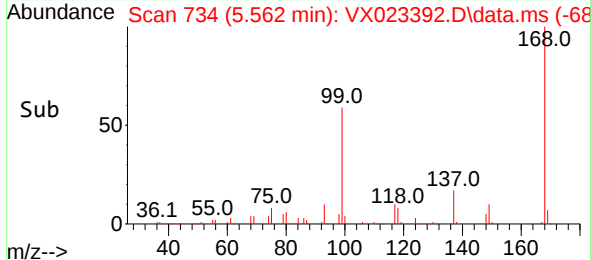
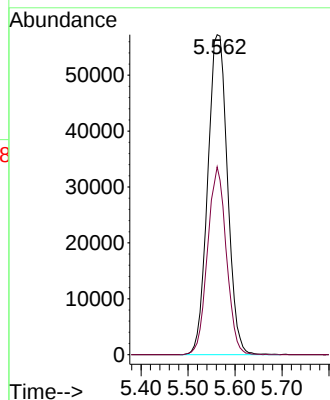
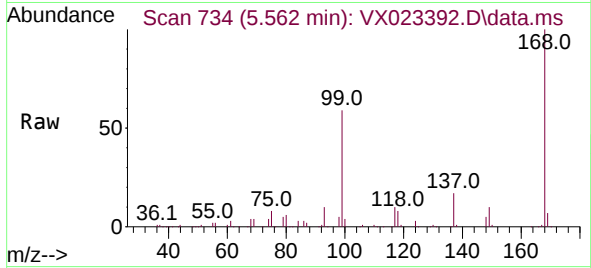




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

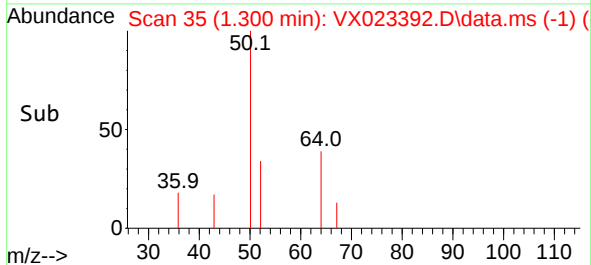
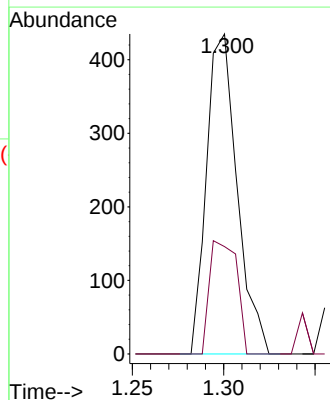
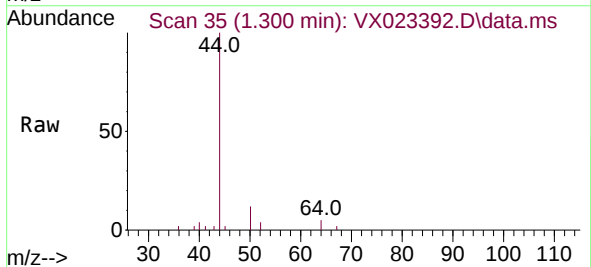
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSIDE)

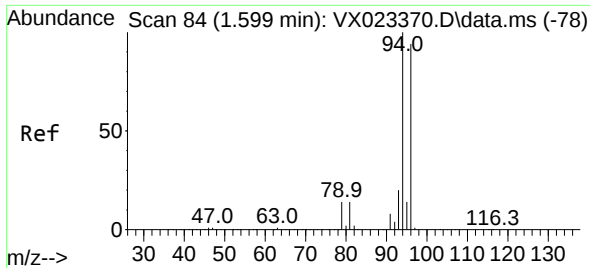
Tgt Ion:168 Resp: 166797
Ion Ratio Lower Upper
168 100
99 58.7 45.8 68.6



#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Tgt Ion: 50 Resp: 508
Ion Ratio Lower Upper
50 100
52 33.6 26.4 39.6

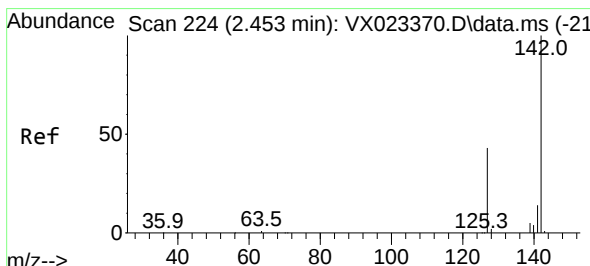
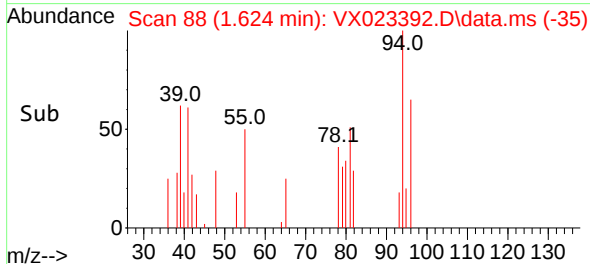
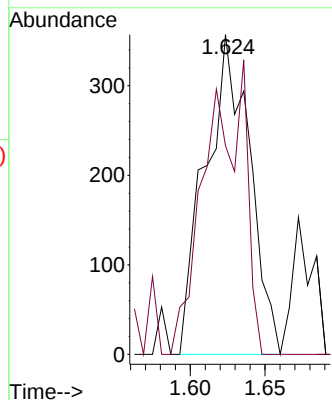
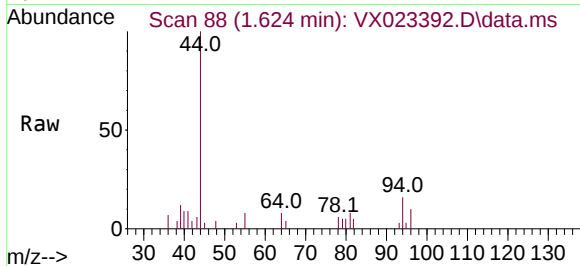




#5
Bromomethane
Concen: 0.684 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

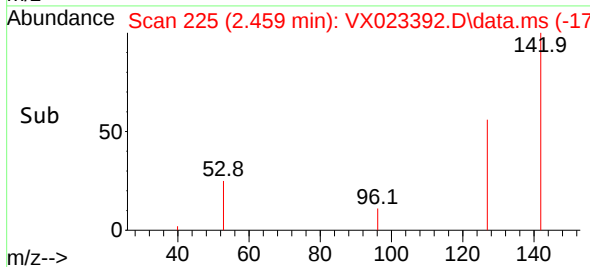
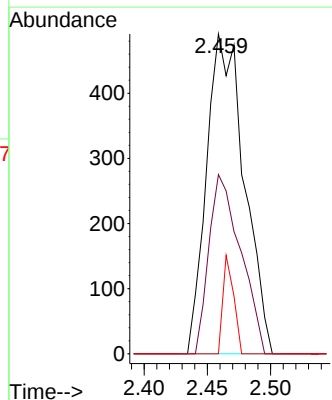
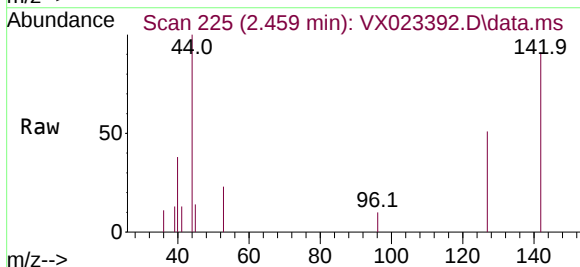
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSIDE)

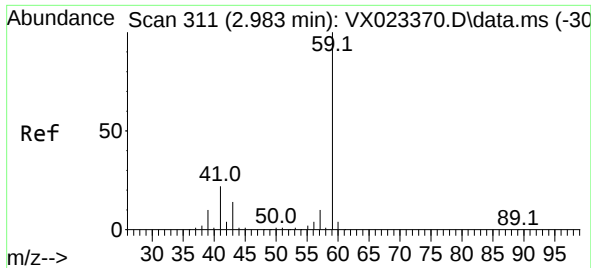
Tgt Ion: 94 Resp: 735
Ion Ratio Lower Upper
94 100
96 65.3 76.4 114.6#



#10
Methyl Iodide
Concen: 0.491 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Tgt Ion:142 Resp: 1016
Ion Ratio Lower Upper
142 100
127 47.0 33.3 49.9
141 8.7 11.4 17.0#



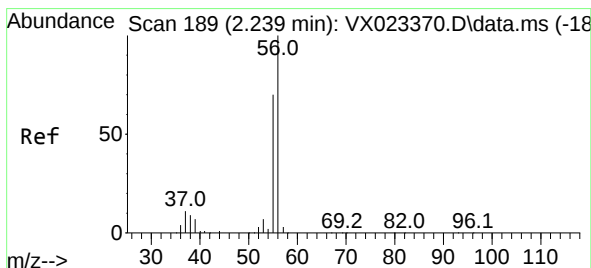
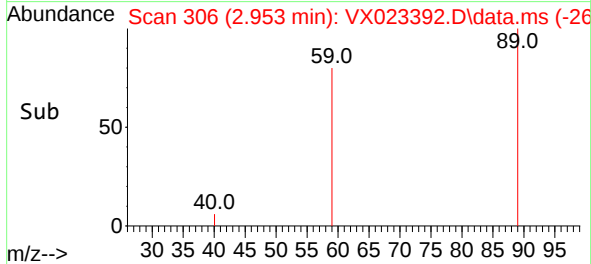
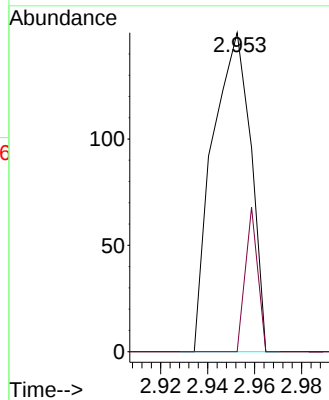
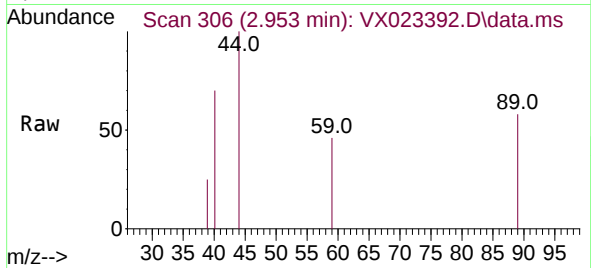


#11

Tert butyl alcohol
Concen: 0.356 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSIDE)

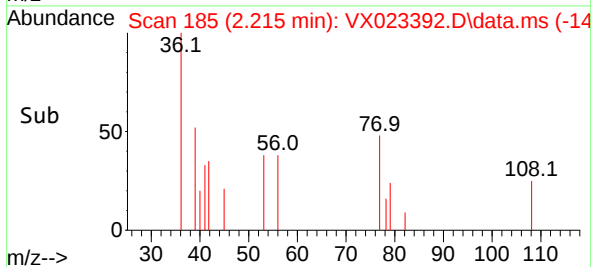
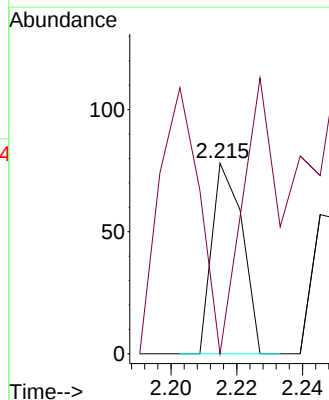
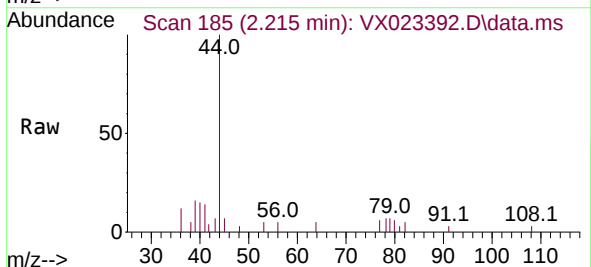
Tgt Ion: 59 Resp: 169
Ion Ratio Lower Upper
59 100
57 14.8 7.8 11.8#

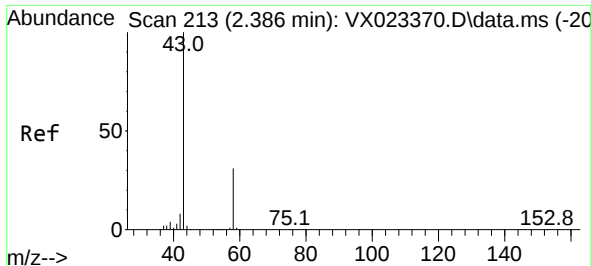


#13

Acrolein
Concen: 1.570 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 182.0 56.4 84.6#

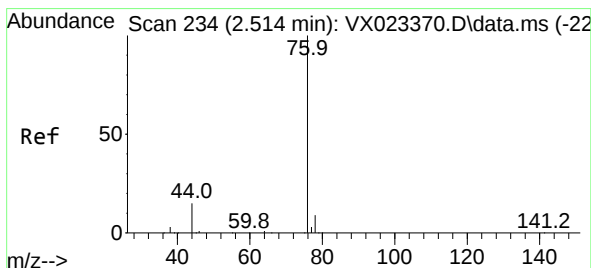
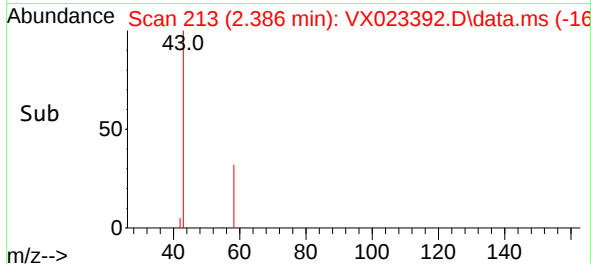
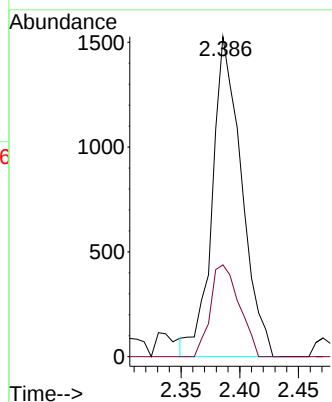
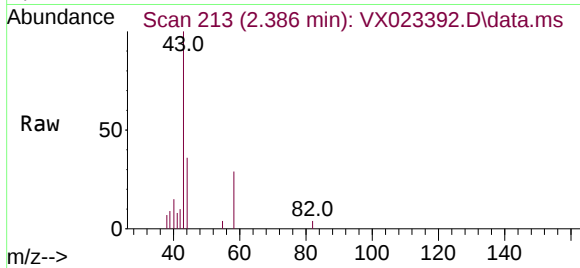




#16
Acetone
Concen: 2.604 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

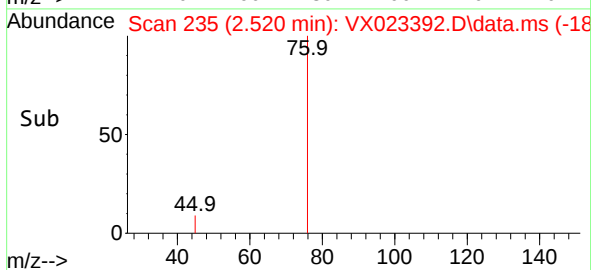
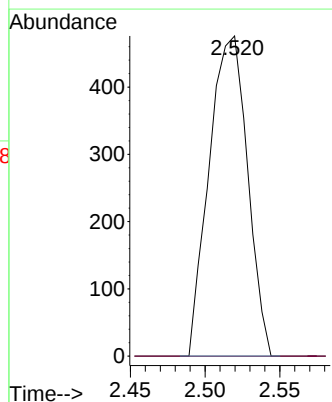
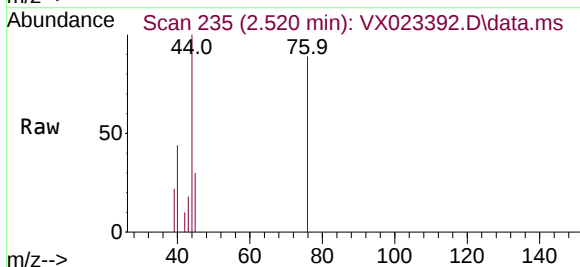
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSIDE)

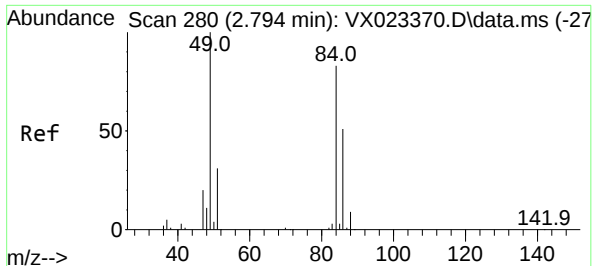
Tgt Ion: 43 Resp: 2658
Ion Ratio Lower Upper
43 100
58 28.7 27.8 41.8



#17
Carbon Disulfide
Concen: 0.210 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

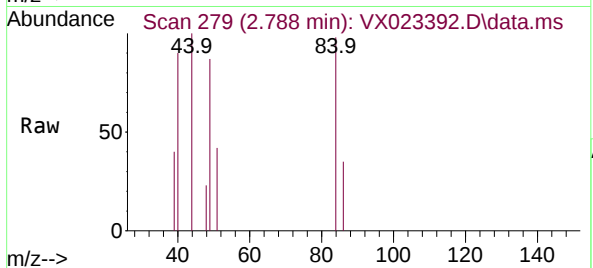
Tgt Ion: 76 Resp: 850
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



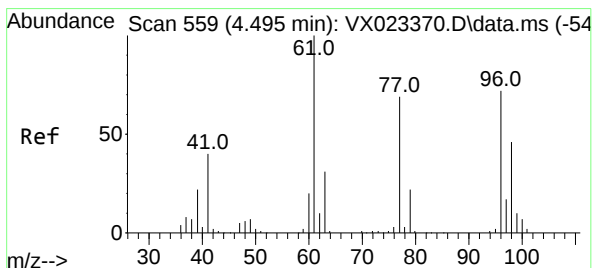
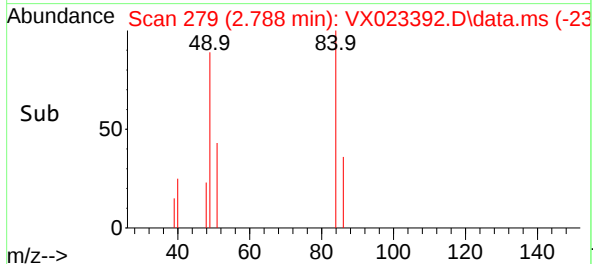
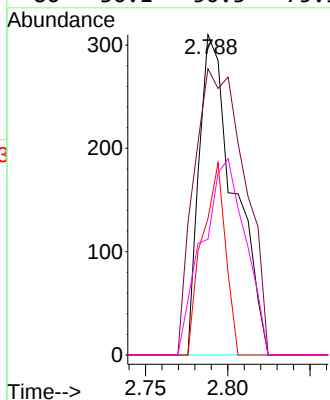


#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSIDE)

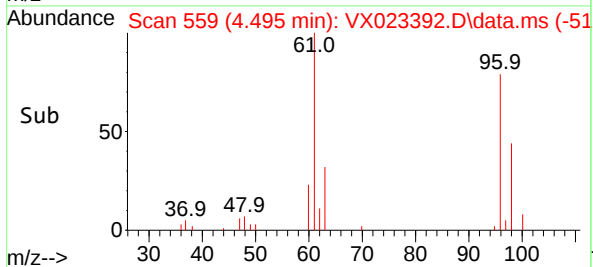
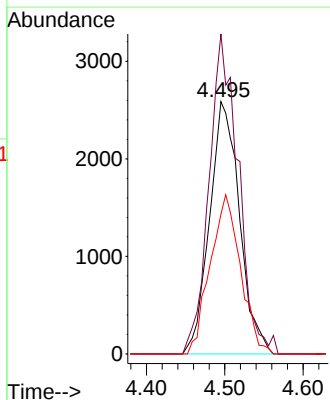
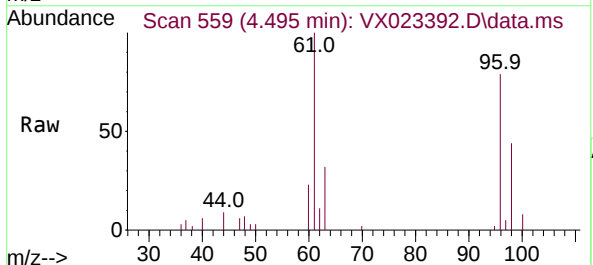


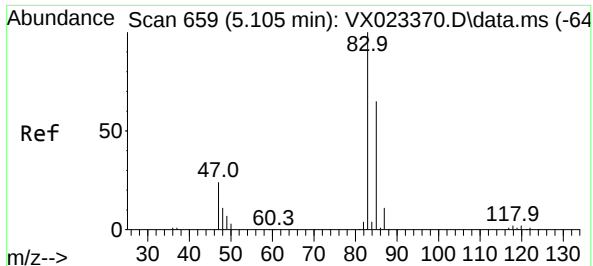
Tgt Ion: 84	Resp: 464
Ion Ratio	Lower Upper
84 100	
49 89.4	88.6 132.8
51 42.6	27.0 40.6#
86 36.1	50.3 75.5#



#27
cis-1,2-Dichloroethene
Concen: 3.399 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Tgt Ion: 96	Resp: 6872
Ion Ratio	Lower Upper
96 100	
61 123.7	0.0 285.6
98 63.8	0.0 129.6





#30

Chloroform

Concen: 0.269 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX023392.D

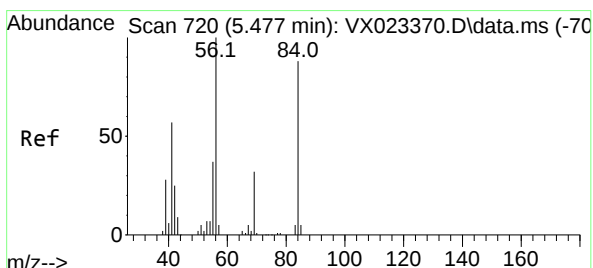
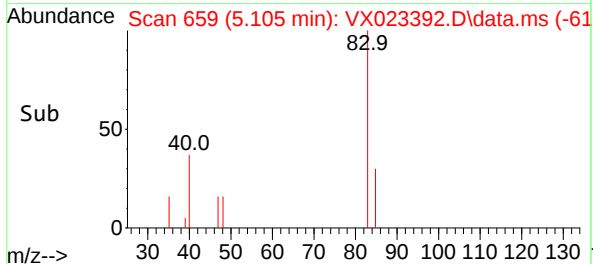
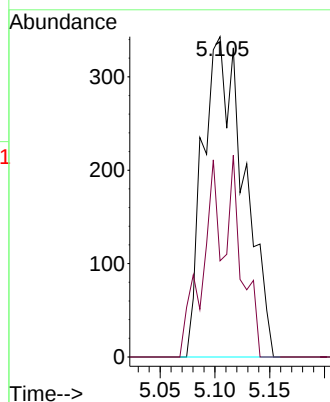
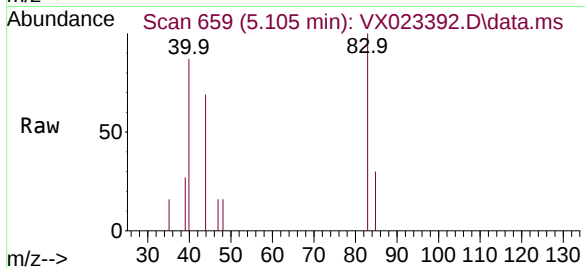
Acq: 22 Jul 2021 23:19

Tgt Ion: 83 Resp: 891

Ion Ratio Lower Upper

83 100

85 30.0 52.0 78.0#



#31

Cyclohexane

Concen: 1.121 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX023392.D

Acq: 22 Jul 2021 23:19

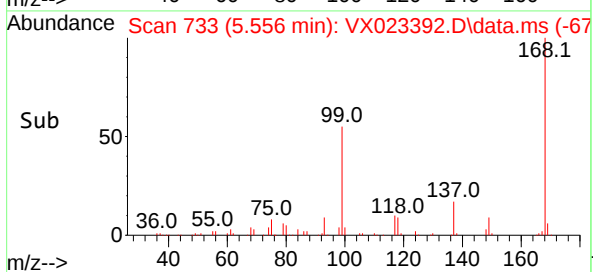
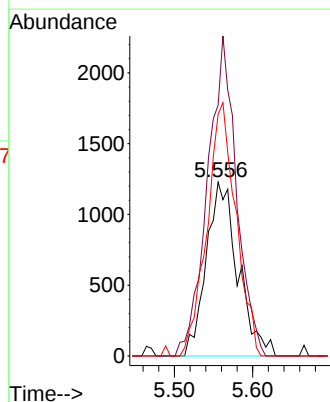
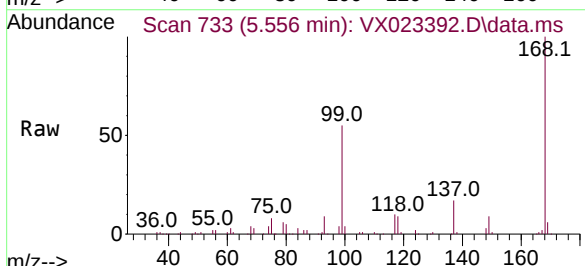
Tgt Ion: 56 Resp: 3456

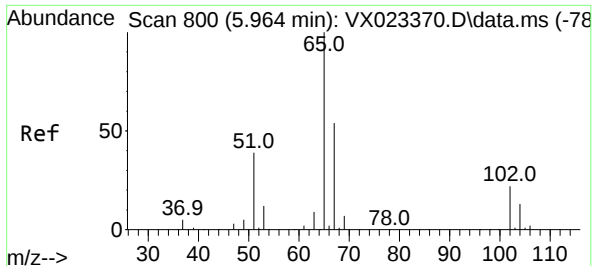
Ion Ratio Lower Upper

56 100

69 144.4 25.3 37.9#

84 139.0 71.4 107.0#



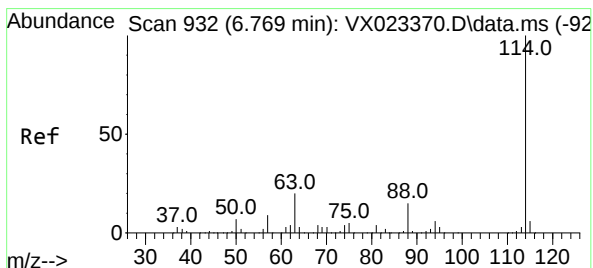
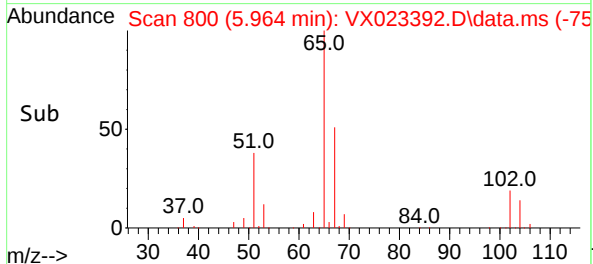
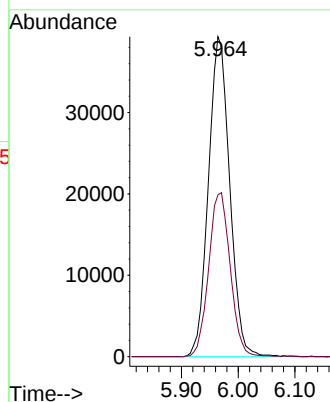
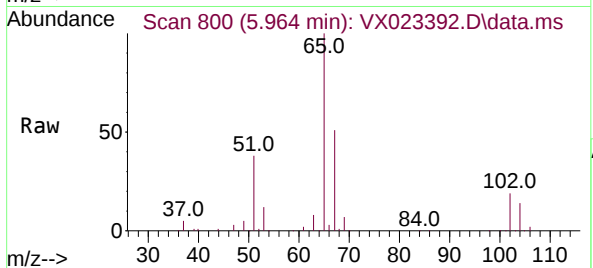


#33

1,2-Dichloroethane-d4
Concen: 49.320 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSIDE)

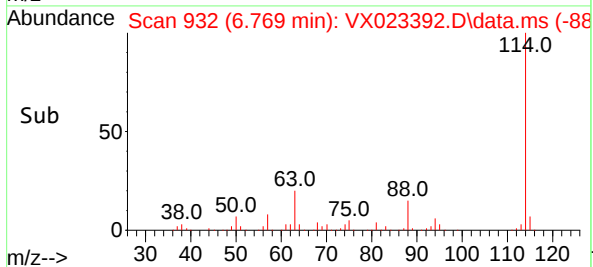
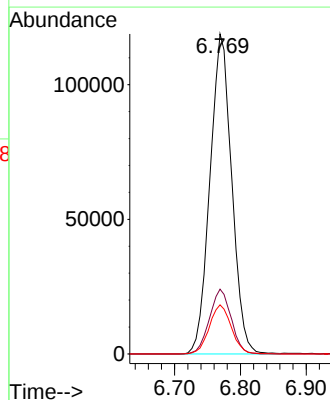
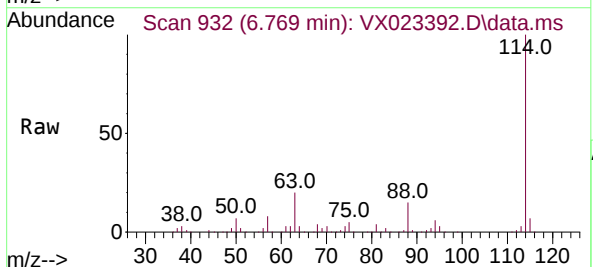
Tgt Ion: 65 Resp: 102617
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

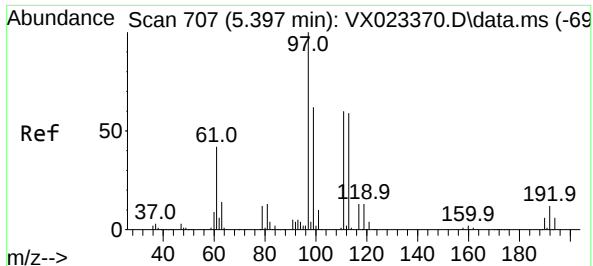


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Tgt Ion: 114 Resp: 273724
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.889 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023392.D

Acq: 22 Jul 2021 23:19

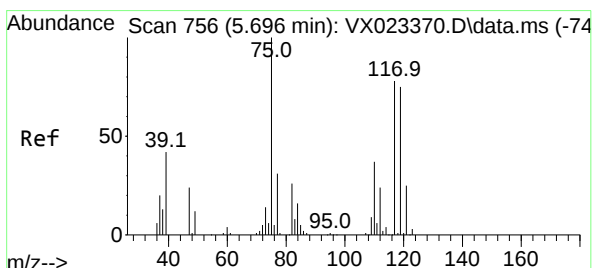
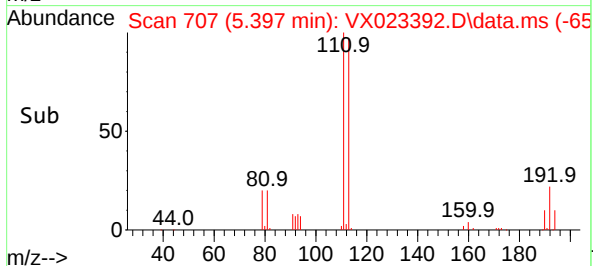
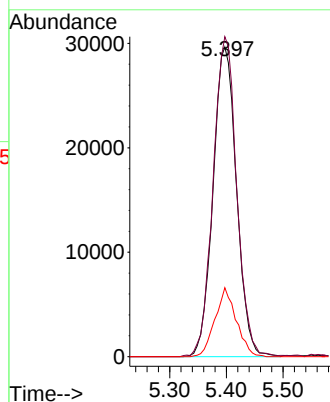
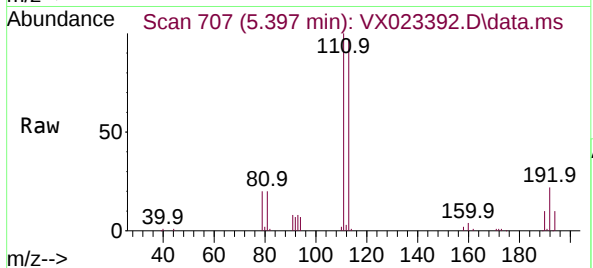
Tgt Ion:113 Resp: 85383

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

192 20.2 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.989 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023392.D

Acq: 22 Jul 2021 23:19

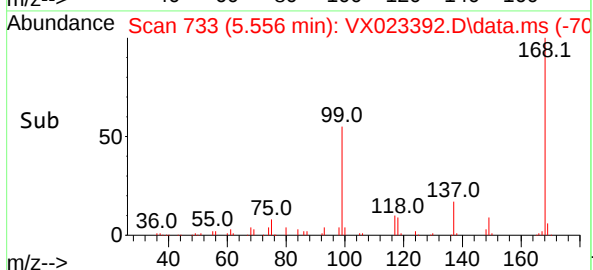
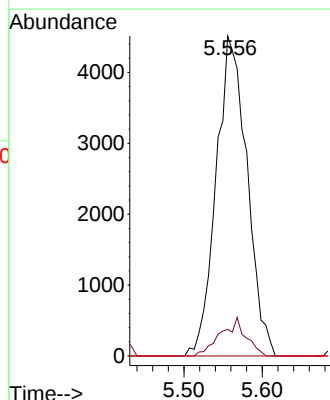
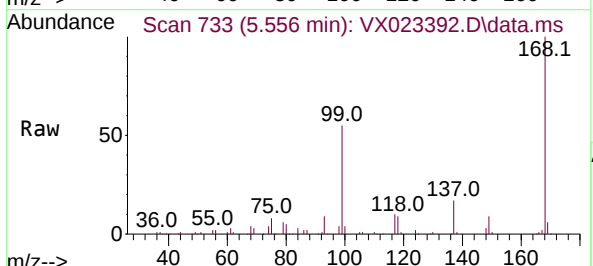
Tgt Ion: 75 Resp: 12354

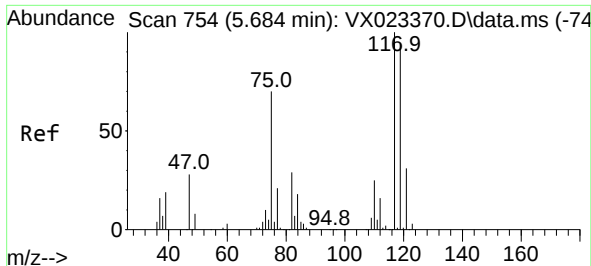
Ion Ratio Lower Upper

75 100

110 9.8 18.1 54.4#

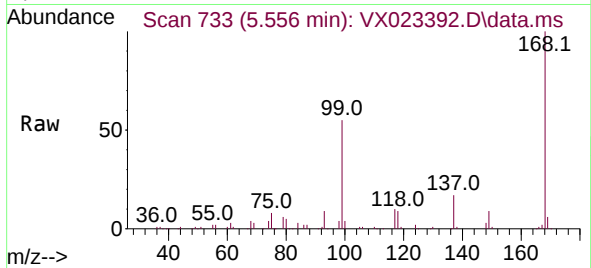
77 0.0 25.3 37.9#



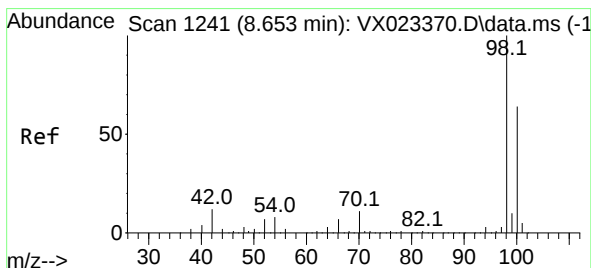
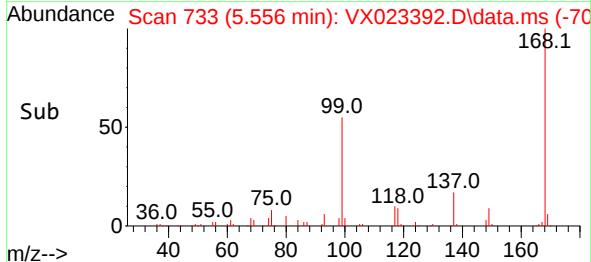
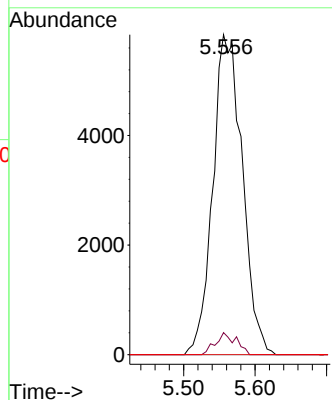


#38
Carbon Tetrachloride
Concen: 6.625 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSIDE)

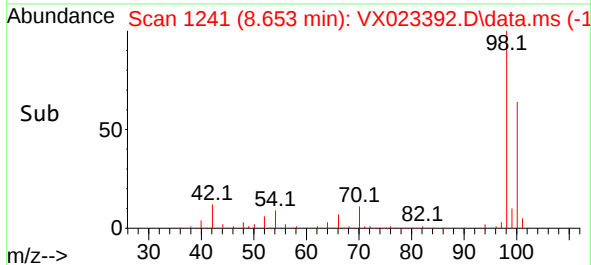
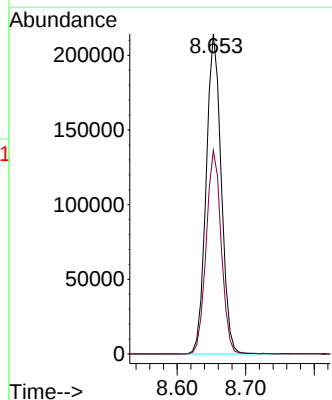
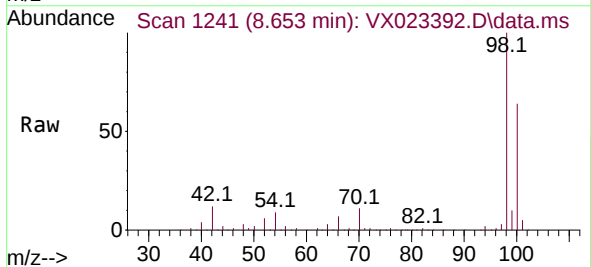


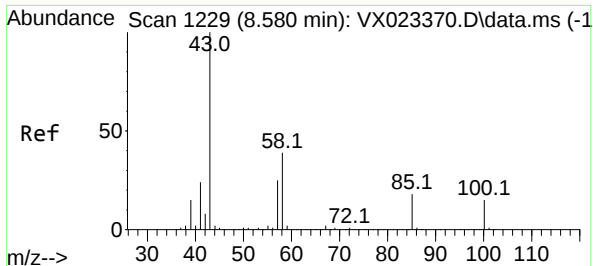
Tgt Ion:117 Resp: 16682
Ion Ratio Lower Upper
117 100
119 6.9 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.131 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Tgt Ion: 98 Resp: 327791
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

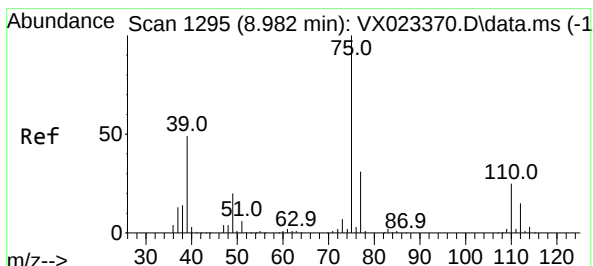
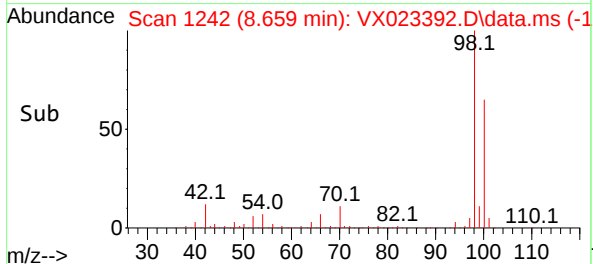
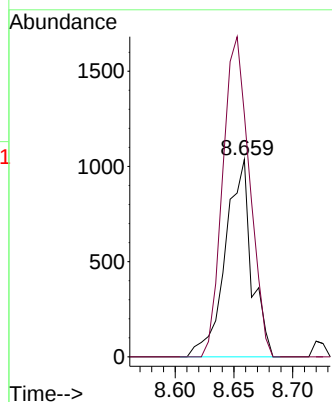
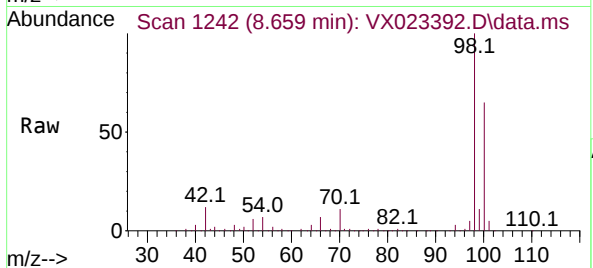




#51
4-Methyl-2-Pentanone
Concen: 0.544 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

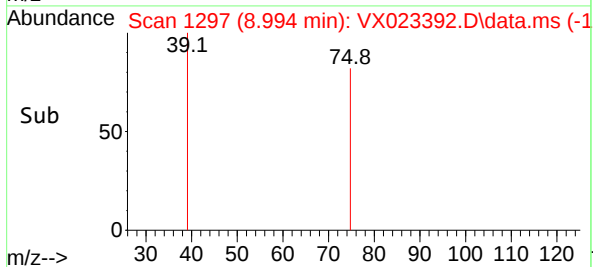
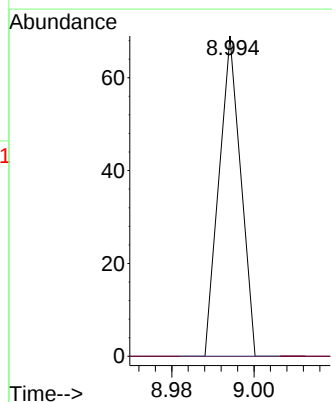
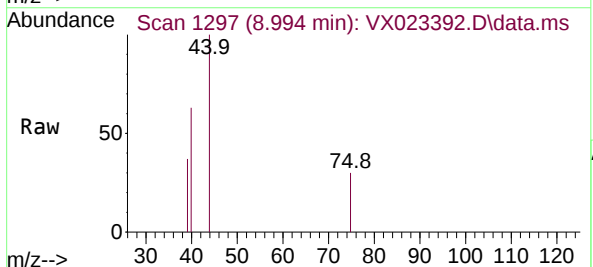
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSIDE)

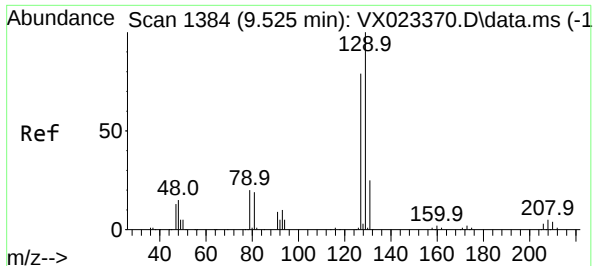
Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
58 165.3 35.4 53.0#



#53
t-1,3-Dichloropropene
Concen: 1.825 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.012 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#





#60

Dibromochloromethane

Concen: 2.066 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX023392.D

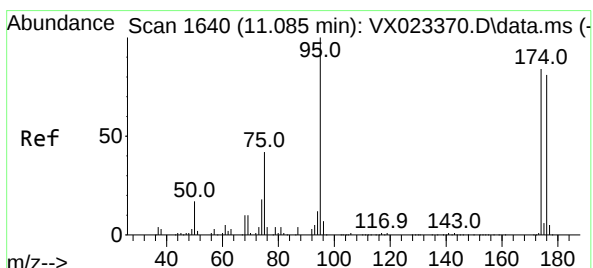
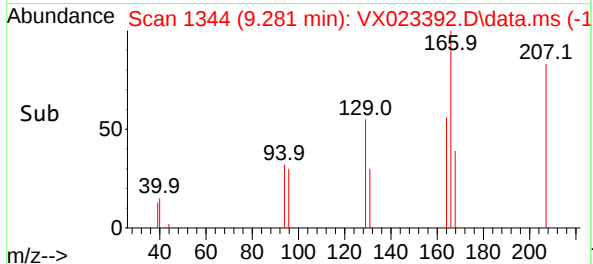
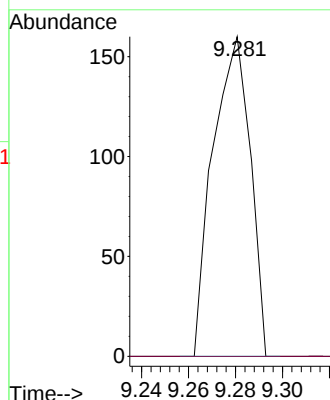
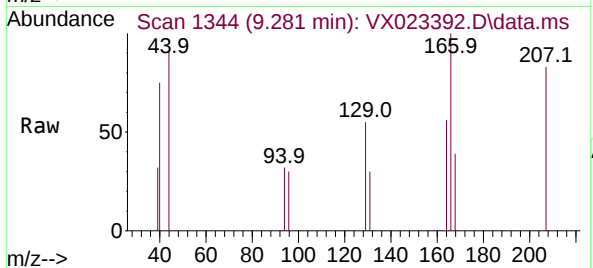
Acq: 22 Jul 2021 23:19

Tgt Ion:129 Resp: 176

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#



#62

4-Bromofluorobenzene

Concen: 45.944 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX023392.D

Acq: 22 Jul 2021 23:19

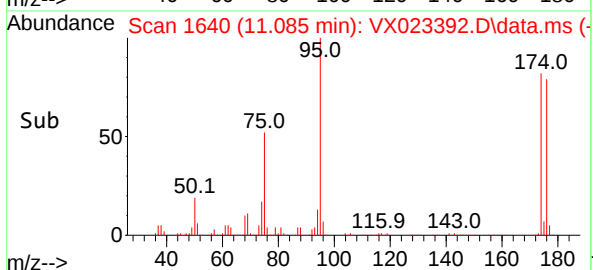
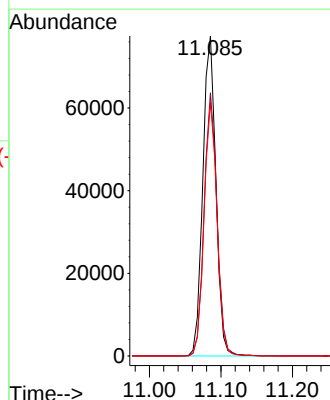
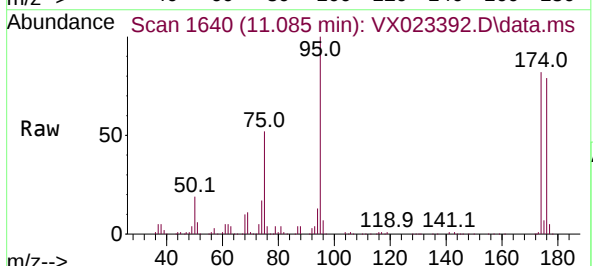
Tgt Ion: 95 Resp: 98235

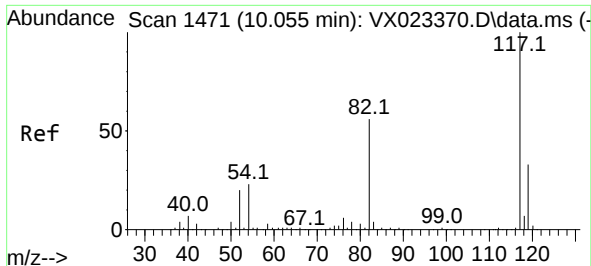
Ion Ratio Lower Upper

95 100

174 81.5 0.0 154.6

176 78.2 0.0 155.8

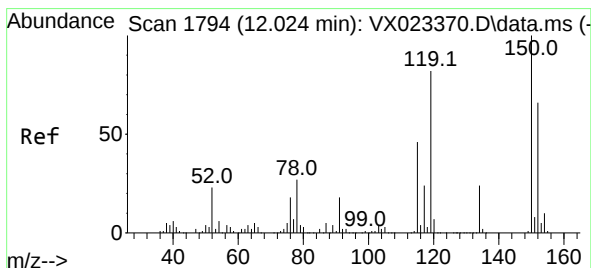
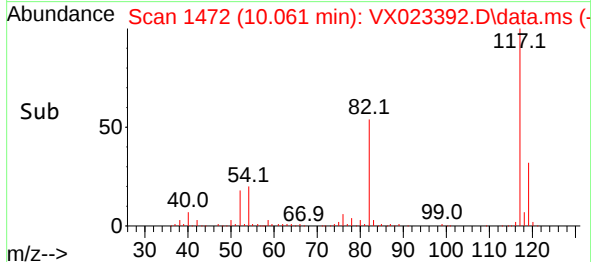
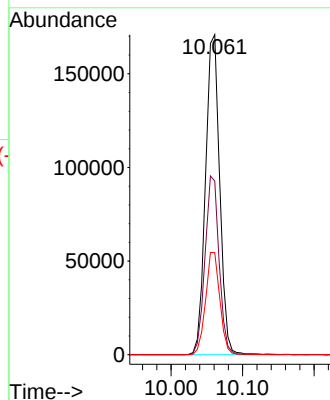
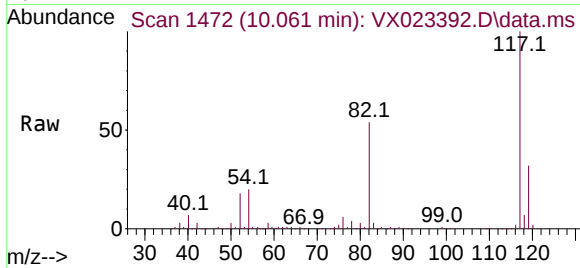




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

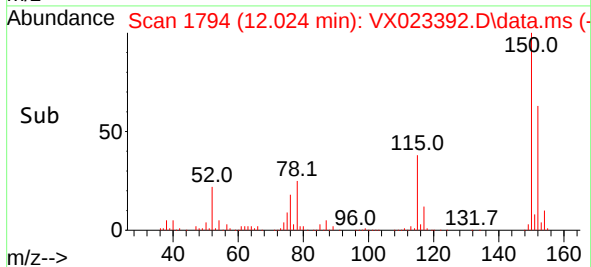
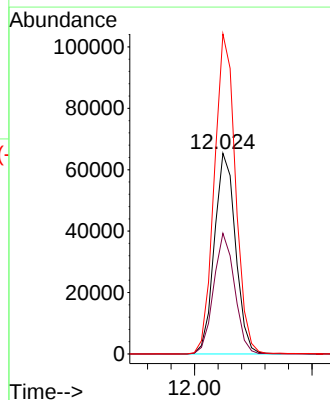
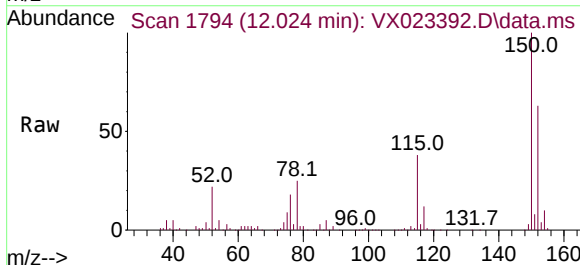
Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSIDE)

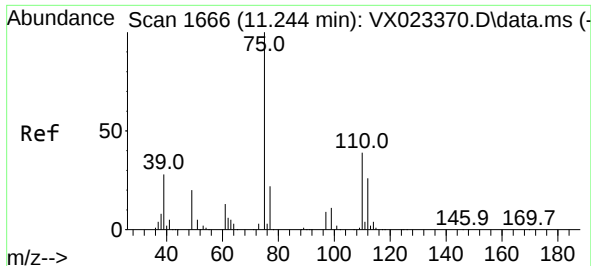
Tgt Ion:117 Resp: 235879
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Tgt Ion:152 Resp: 81683
Ion Ratio Lower Upper
152 100
115 59.5 41.1 123.3
150 159.6 0.0 349.0

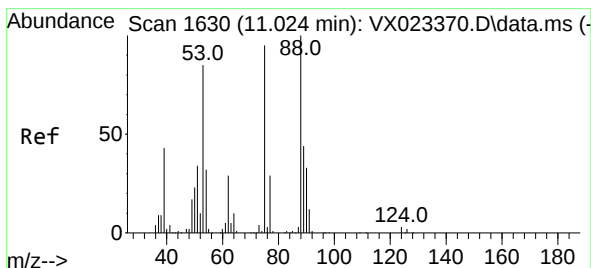
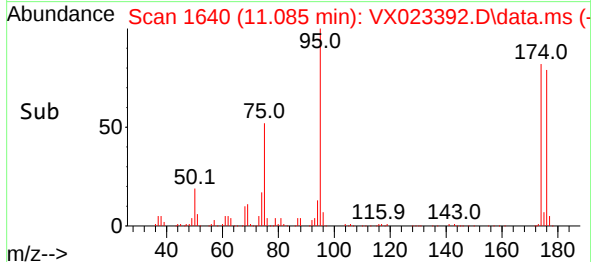
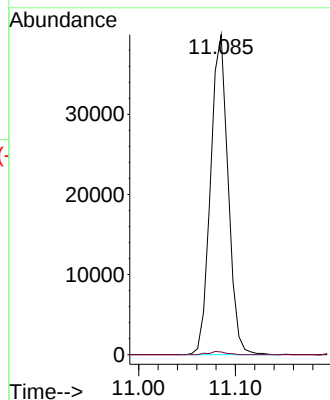
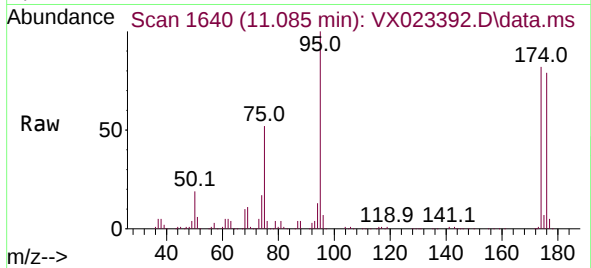




#76
1,2,3-Trichloropropane
Concen: 27.985 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-2S(OFFSIDE)

Tgt Ion: 75 Resp: 50303
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.249 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023392.D
Acq: 22 Jul 2021 23:19

Tgt Ion: 75 Resp: 50303
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

