

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029680.D
 Acq On : 21 Jun 2022 22:23
 Operator : JC/MD
 Sample : N3286-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6S

Quant Time: Jun 22 01:14:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

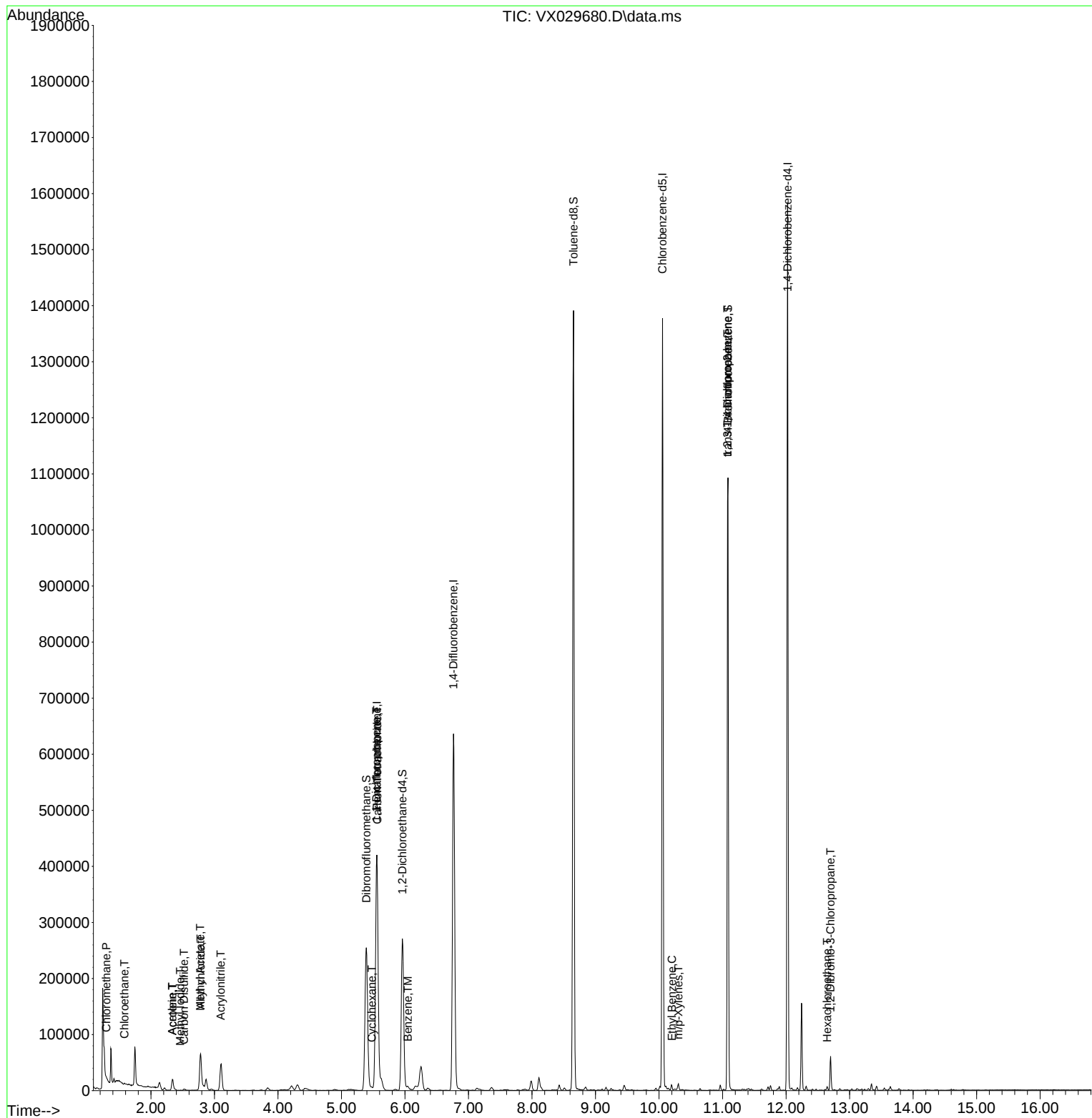
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	406350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	694215	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	645426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	325419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	258346	48.029	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.060%
35) Dibromofluoromethane	5.391	113	231467	51.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.320%
50) Toluene-d8	8.653	98	846916	51.243	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.480%
62) 4-Bromofluorobenzene	11.085	95	319793	51.309	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.620%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1354	0.255	ug/l	99
6) Chloroethane	1.581	64	5337	2.658	ug/l #	46
10) Methyl Iodide	2.459	142	295	3.075	ug/l #	60
11) Tert butyl alcohol	2.965	59	2223	Below Cal	#	72
13) Acrolein	2.337	56	2871	9.689	ug/l #	76
14) Allyl chloride	2.782	41	17756	2.671	ug/l #	62
15) Acrylonitrile	3.099	53	1045	0.415	ug/l #	38
16) Acetone	2.337	43	8922	4.161	ug/l #	45
17) Carbon Disulfide	2.520	76	3330	0.312	ug/l	95
18) Methyl Acetate	2.776	43	50602	8.927	ug/l #	46
31) Cyclohexane	5.477	56	3361	0.465	ug/l #	87
36) 1,1-Dichloropropene	5.550	75	29684	4.848	ug/l #	50
38) Carbon Tetrachloride	5.562	117	40745	6.767	ug/l #	15
40) Benzene	6.044	78	7328	0.404	ug/l	99
44) Trichloroethene	7.129	130	1829	Below Cal		96
67) Ethyl Benzene	10.201	91	5822	0.256	ug/l	93
68) m/p-Xylenes	10.305	106	2757	0.310	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	152390	21.496	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	152390	71.512	ug/l #	15
90) Hexachloroethane	12.646	117	2646	0.889	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.701	75	496	0.284	ug/l #	1

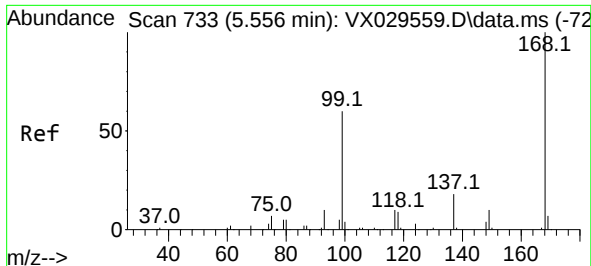
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
Data File : VX029680.D
Acq On : 21 Jun 2022 22:23
Operator : JC/MD
Sample : N3286-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-6S

Quant Time: Jun 22 01:14:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

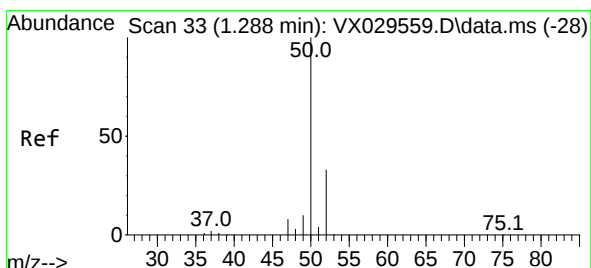
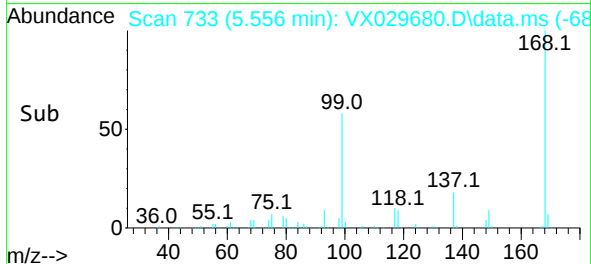
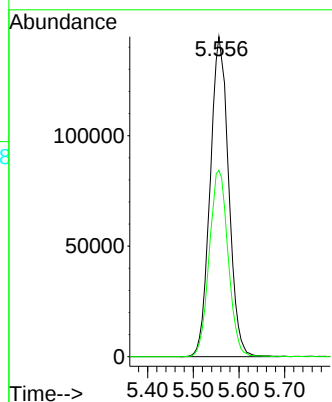
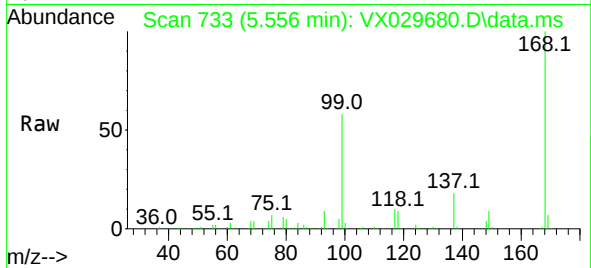




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

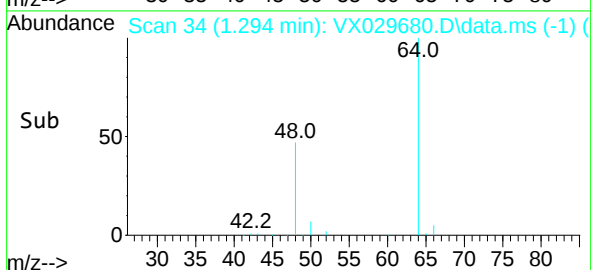
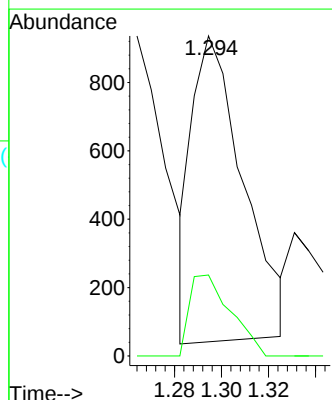
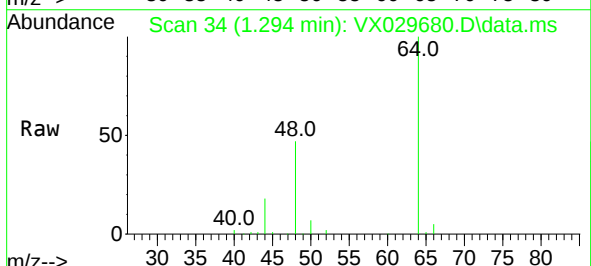
Instrument :
MSVOA_X
ClientSampleId :
MW-6S

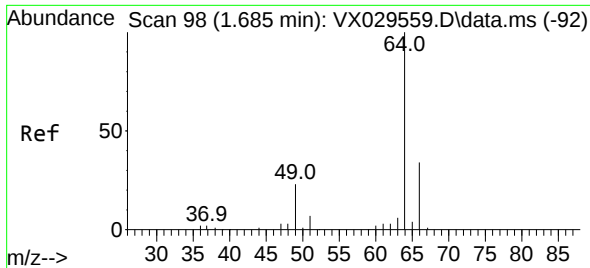
Tgt Ion:168 Resp: 406350
Ion Ratio Lower Upper
168 100
99 58.3 41.7 62.5



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

Tgt Ion: 50 Resp: 1354
Ion Ratio Lower Upper
50 100
52 33.5 26.4 39.6

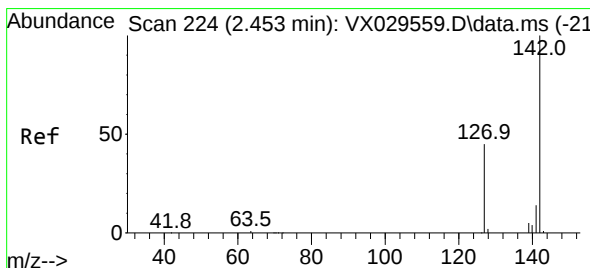
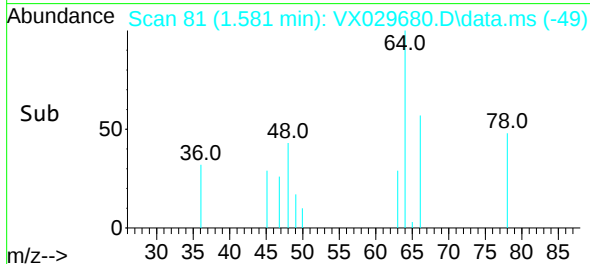
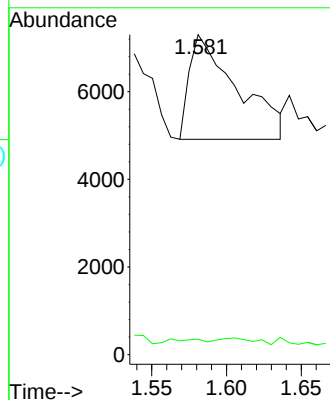
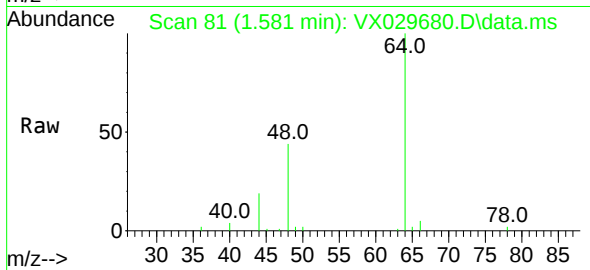




#6
Chloroethane
Concen: 2.658 ug/l
RT: 1.581 min Scan# 81
Delta R.T. -0.104 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

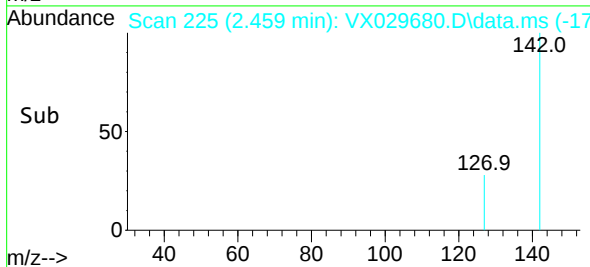
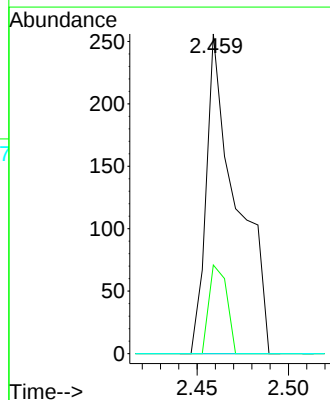
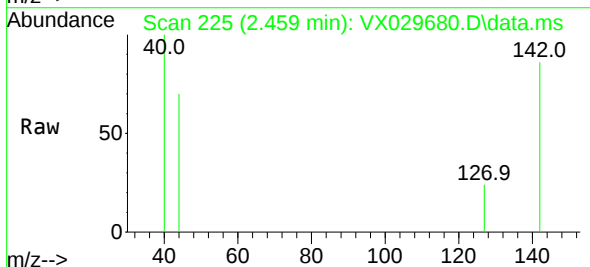
Instrument :
MSVOA_X
ClientSampleId :
MW-6S

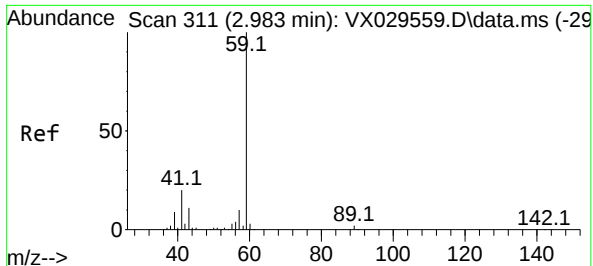
Tgt Ion: 64 Resp: 5337
Ion Ratio Lower Upper
64 100
66 1.7 25.3 37.9#



#10
Methyl Iodide
Concen: 3.075 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

Tgt Ion: 142 Resp: 295
Ion Ratio Lower Upper
142 100
127 16.3 33.9 50.9#
141 0.0 11.4 17.2#

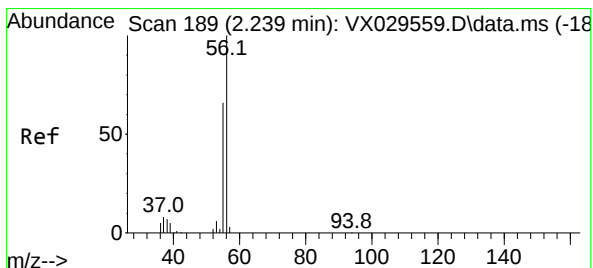
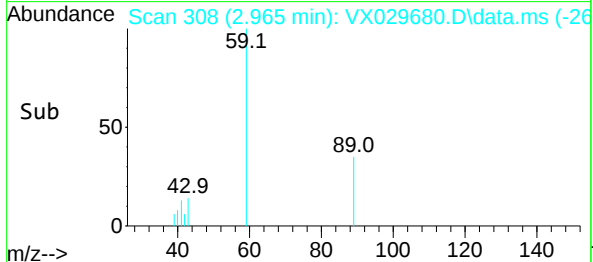
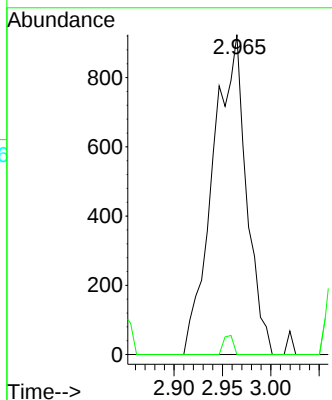
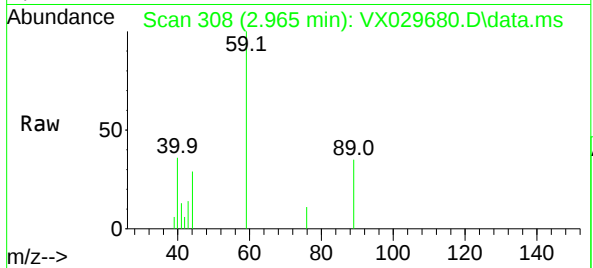




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.965 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

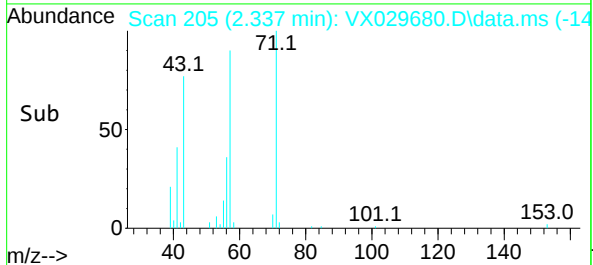
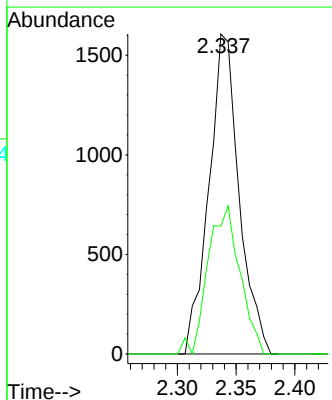
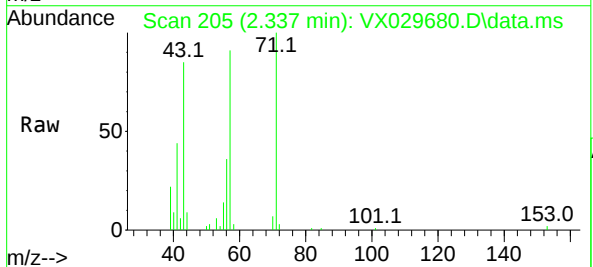
Instrument :
MSVOA_X
ClientSampleId :
MW-6S

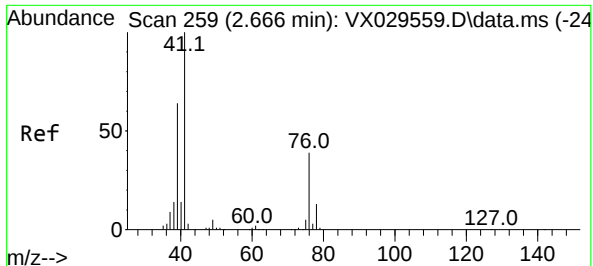
Tgt Ion: 59 Resp: 2223
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 9.689 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.098 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

Tgt Ion: 56 Resp: 2871
Ion Ratio Lower Upper
56 100
55 49.2 55.0 82.6#

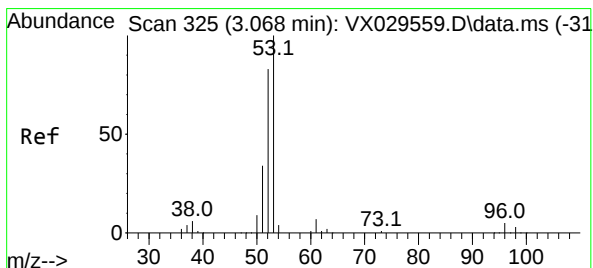
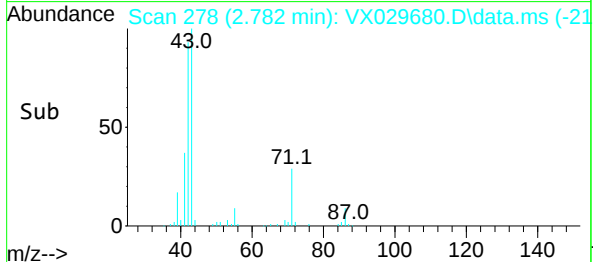
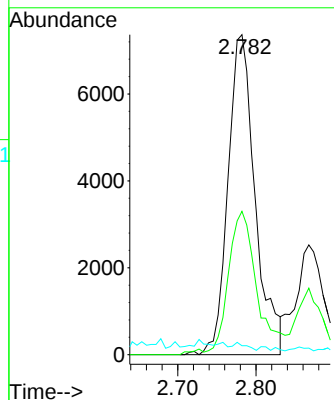
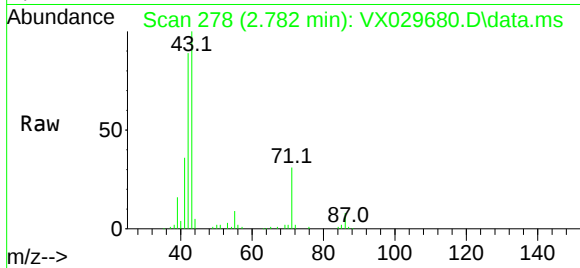




#14
 Allyl chloride
 Concen: 2.671 ug/l
 RT: 2.782 min Scan# 21
 Delta R.T. 0.116 min
 Lab File: VX029680.D
 Acq: 21 Jun 2022 22:23

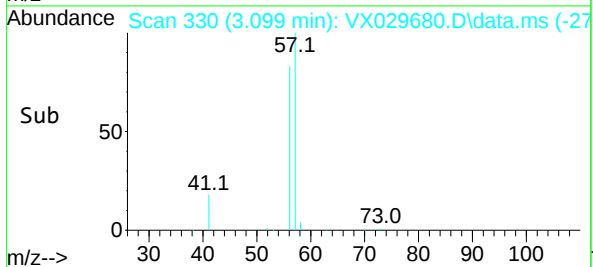
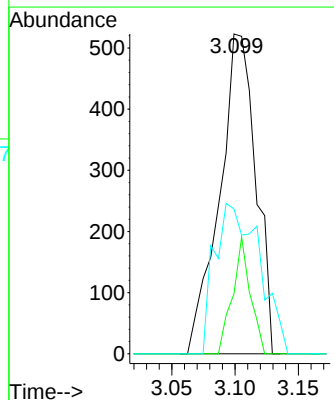
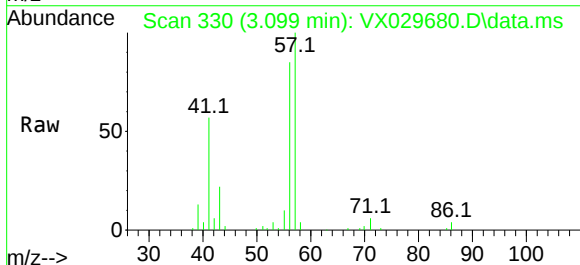
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6S

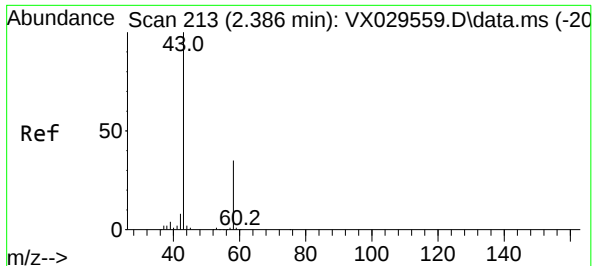
Tgt Ion: 41 Resp: 17756
 Ion Ratio Lower Upper
 41 100
 39 47.0 50.4 75.6#
 76 0.0 32.7 49.1#



#15
 Acrylonitrile
 Concen: 0.415 ug/l
 RT: 3.099 min Scan# 330
 Delta R.T. 0.031 min
 Lab File: VX029680.D
 Acq: 21 Jun 2022 22:23

Tgt Ion: 53 Resp: 1045
 Ion Ratio Lower Upper
 53 100
 52 17.8 65.7 98.5#
 51 57.9 28.4 42.6#

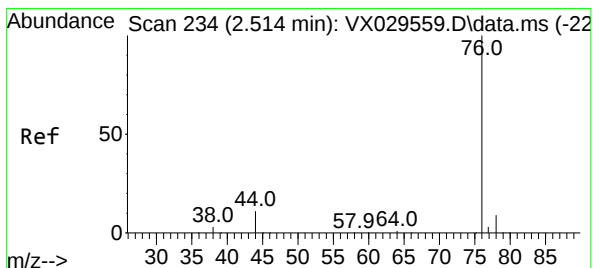
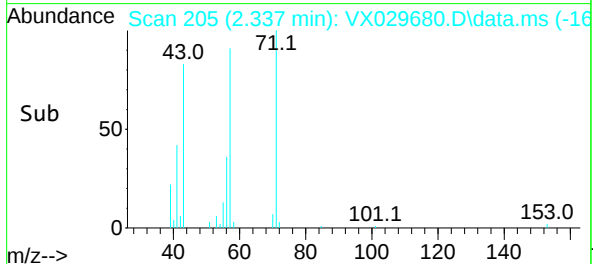
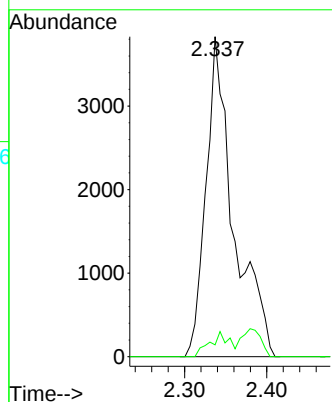
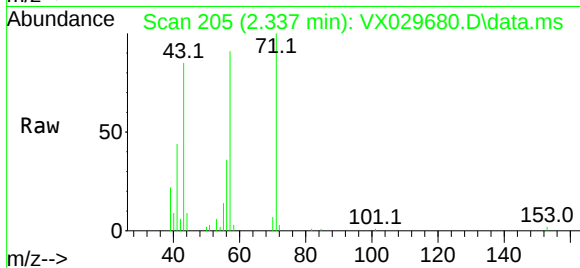




#16
Acetone
Concen: 4.161 ug/l
RT: 2.337 min Scan# 20
Delta R.T. -0.049 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

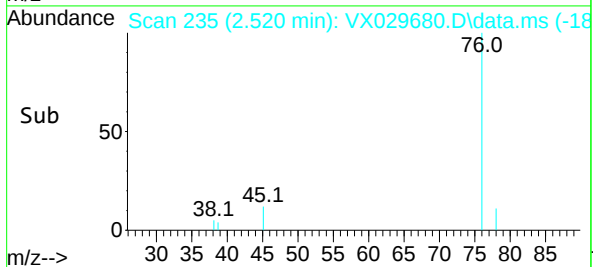
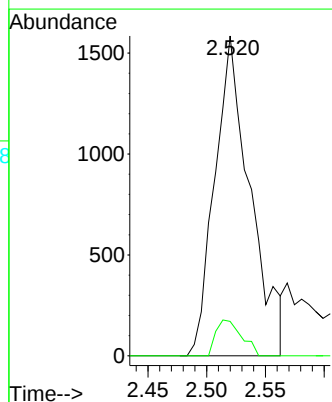
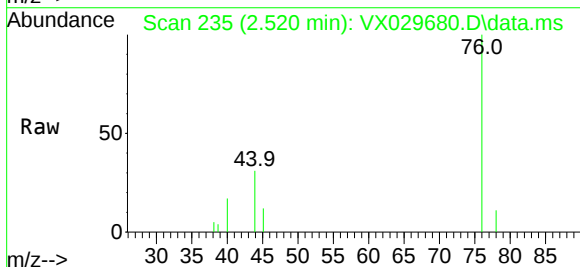
Instrument :
MSVOA_X
ClientSampleId :
MW-6S

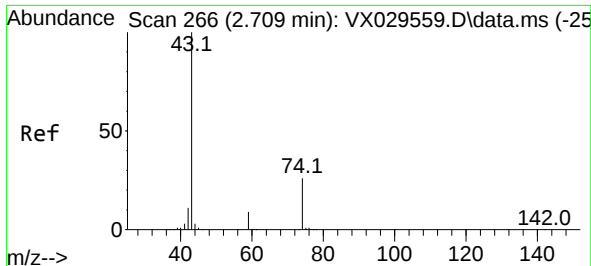
Tgt Ion: 43 Resp: 8922
Ion Ratio Lower Upper
43 100
58 3.7 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.312 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

Tgt Ion: 76 Resp: 3330
Ion Ratio Lower Upper
76 100
78 10.8 7.2 10.8

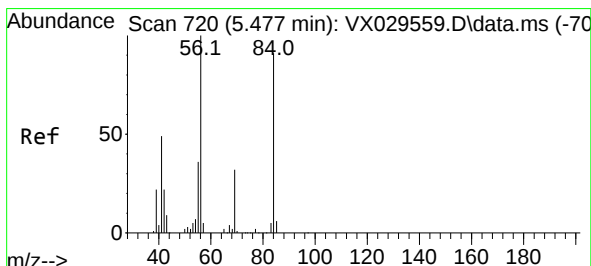
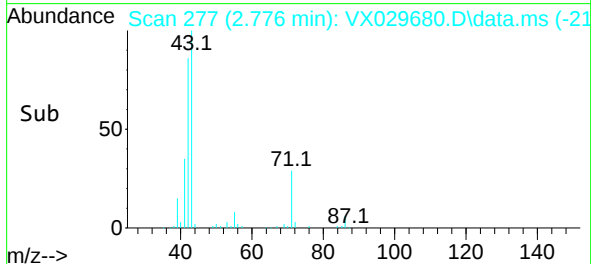
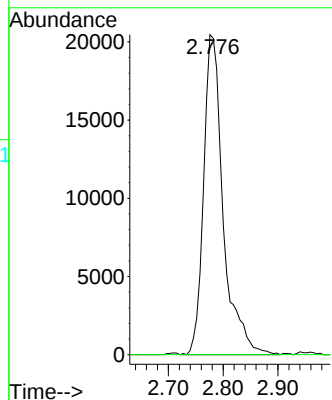
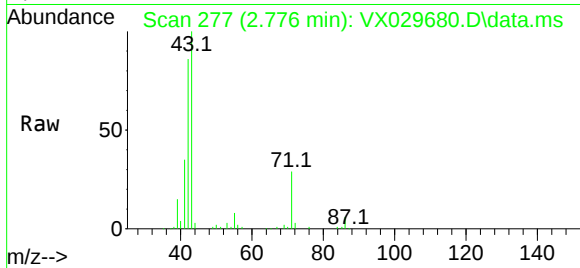




#18
Methyl Acetate
Concen: 8.927 ug/l
RT: 2.776 min Scan# 21
Delta R.T. 0.067 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

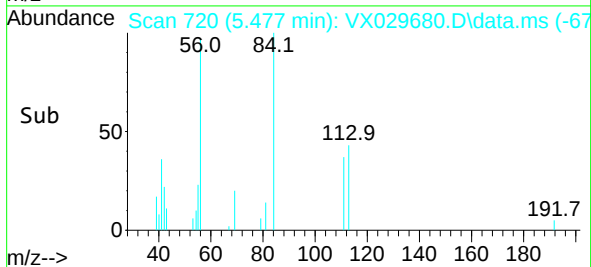
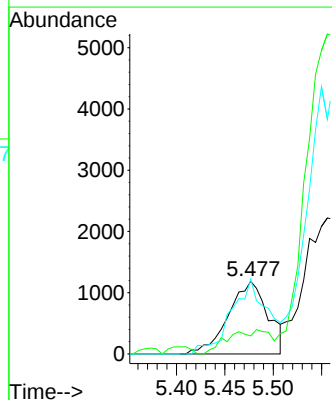
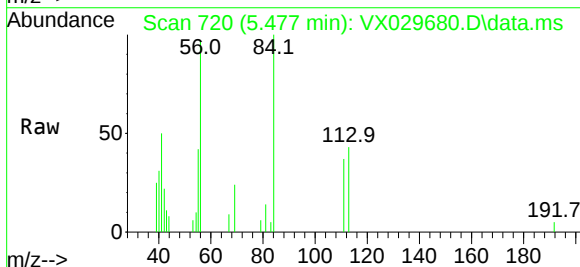
Instrument :
MSVOA_X
ClientSampleId :
MW-6S

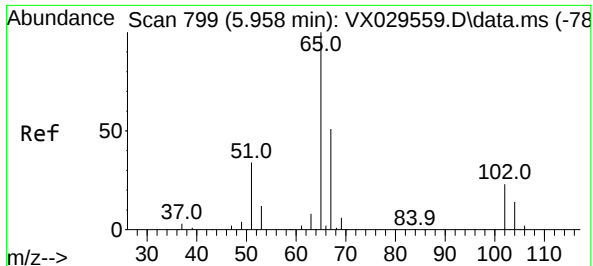
Tgt Ion: 43 Resp: 50602
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#31
Cyclohexane
Concen: 0.465 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

Tgt Ion: 56 Resp: 3361
Ion Ratio Lower Upper
56 100
69 15.1 26.7 40.1#
84 103.0 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 48.029 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029680.D

Acq: 21 Jun 2022 22:23

Instrument :

MSVOA_X

ClientSampleId :

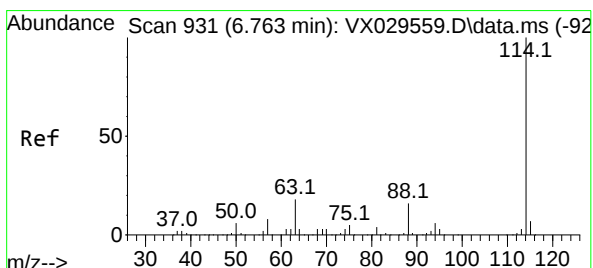
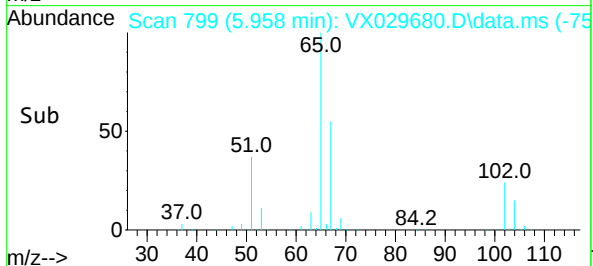
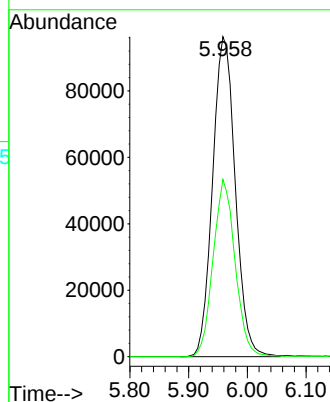
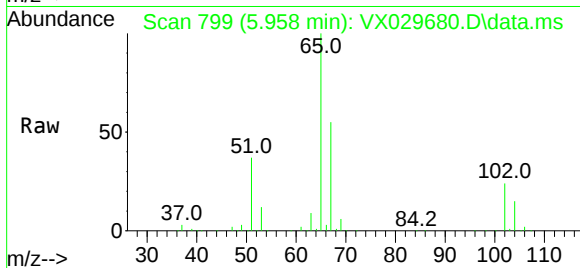
MW-6S

Tgt Ion: 65 Resp: 258346

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX029680.D

Acq: 21 Jun 2022 22:23

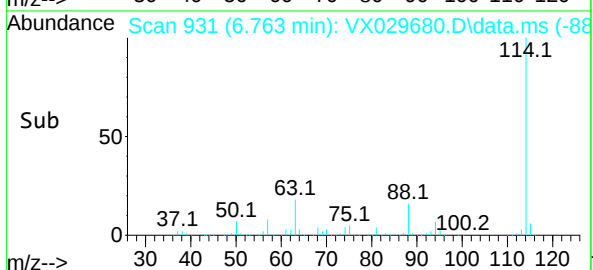
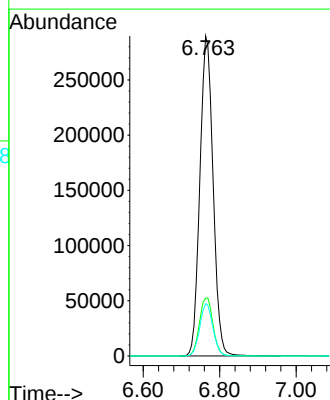
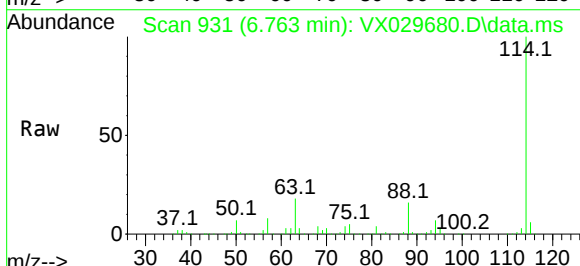
Tgt Ion: 114 Resp: 694215

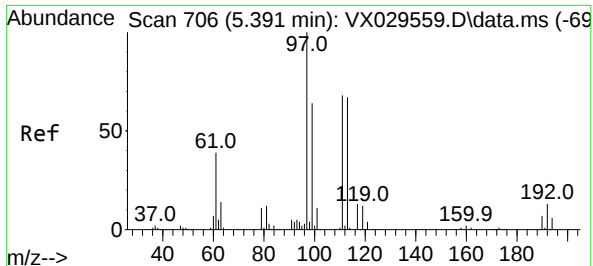
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.163 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029680.D

Acq: 21 Jun 2022 22:23

Instrument :

MSVOA_X

ClientSampleId :

MW-6S

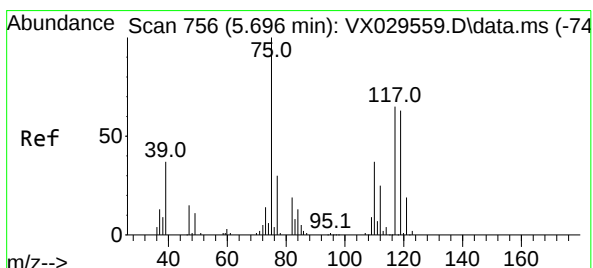
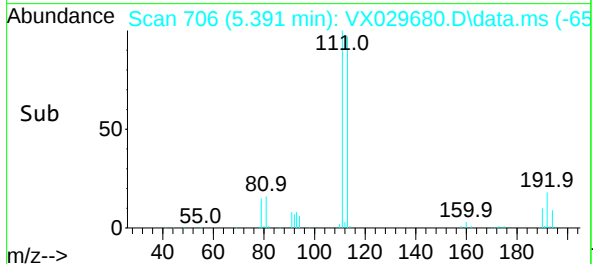
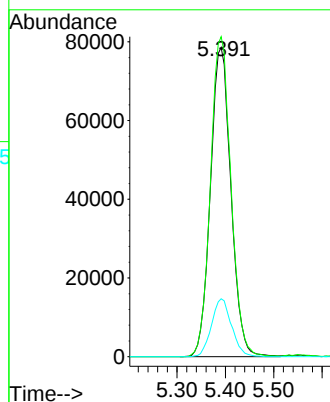
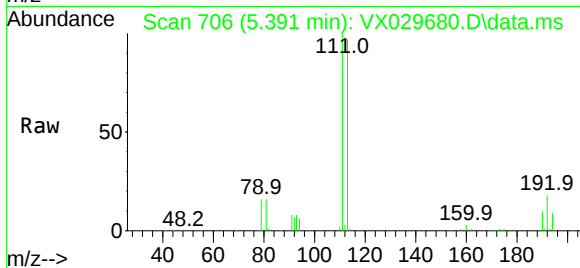
Tgt Ion:113 Resp: 231467

Ion Ratio Lower Upper

113 100

111 103.4 82.8 124.2

192 18.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.848 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029680.D

Acq: 21 Jun 2022 22:23

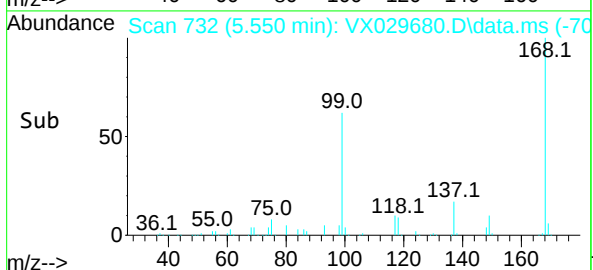
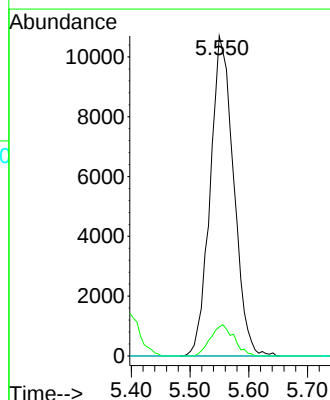
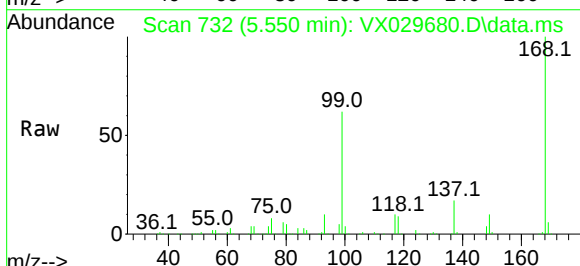
Tgt Ion: 75 Resp: 29684

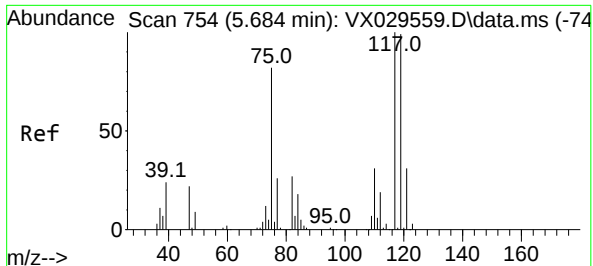
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

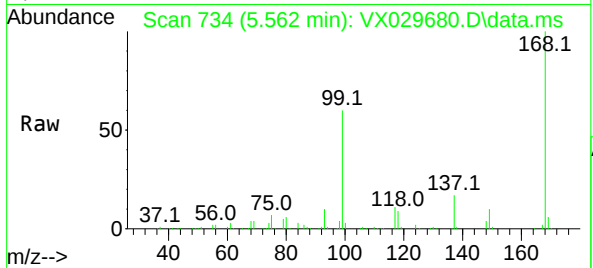
77 0.0 24.8 37.2#



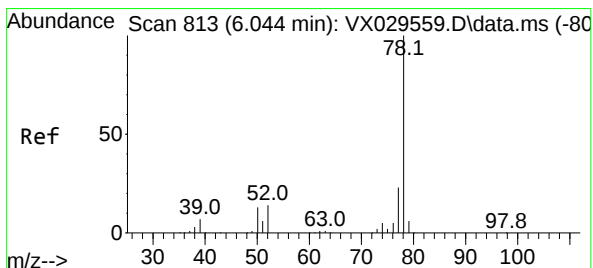
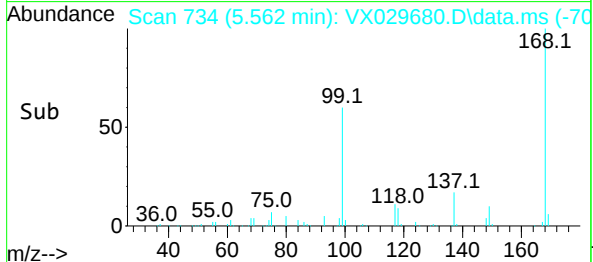
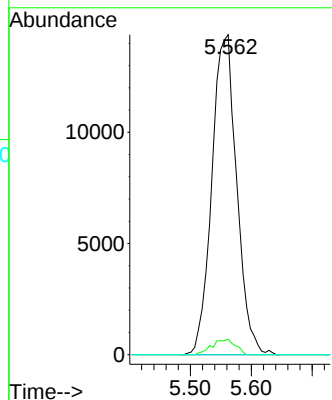


#38
Carbon Tetrachloride
Concen: 6.767 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

Instrument :
MSVOA_X
ClientSampleId :
MW-6S

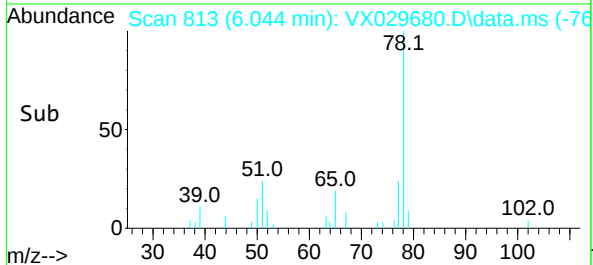
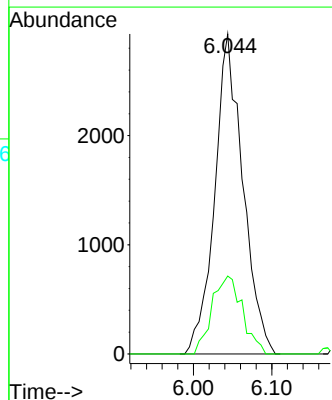
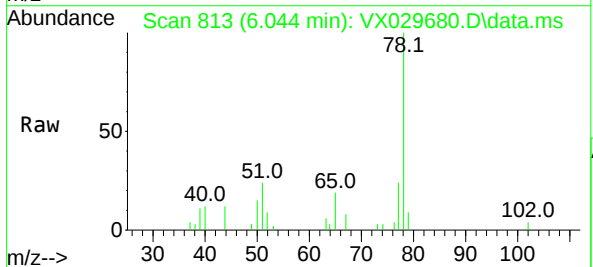


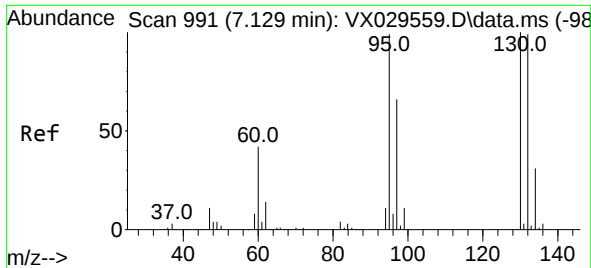
Tgt Ion:117 Resp: 40745
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 0.404 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

Tgt Ion: 78 Resp: 7328
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9

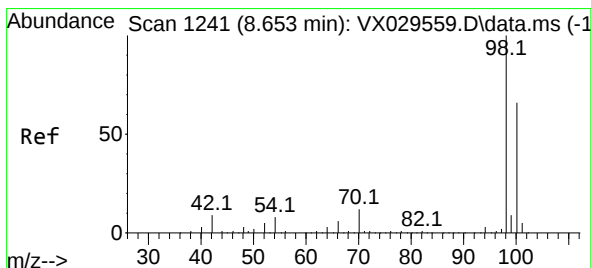
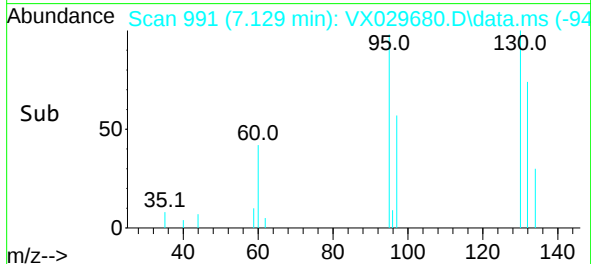
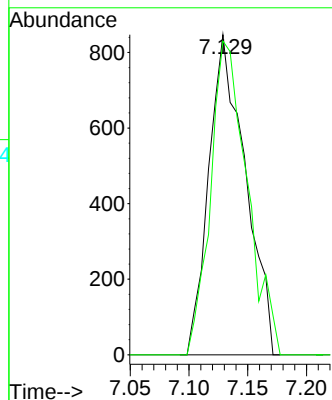
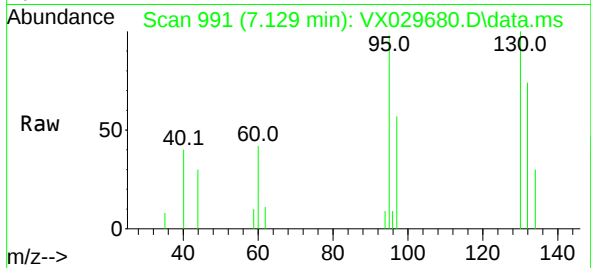




#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

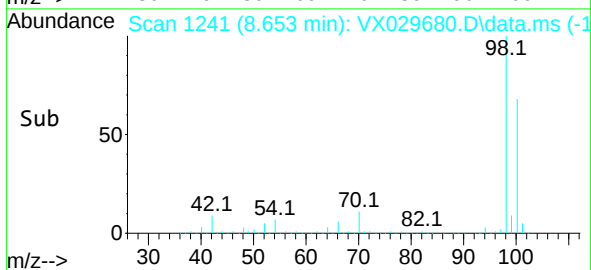
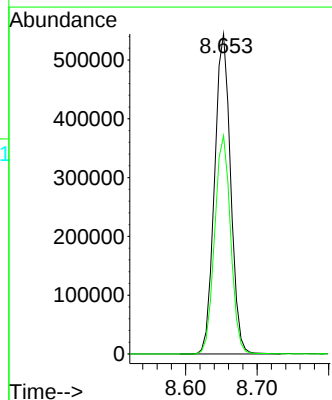
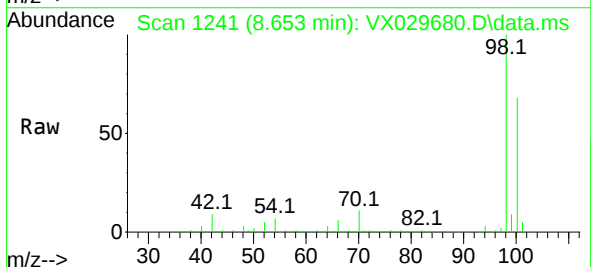
Instrument :
MSVOA_X
ClientSampleId :
MW-6S

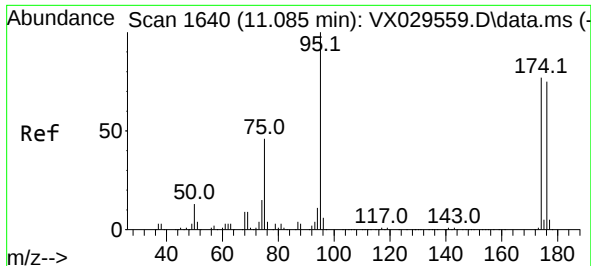
Tgt Ion:130 Resp: 1829
Ion Ratio Lower Upper
130 100
95 98.0 0.0 188.8



#50
Toluene-d8
Concen: 51.243 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

Tgt Ion: 98 Resp: 846916
Ion Ratio Lower Upper
98 100
100 67.9 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 51.309 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029680.D

Acq: 21 Jun 2022 22:23

Instrument :

MSVOA_X

ClientSampleId :

MW-6S

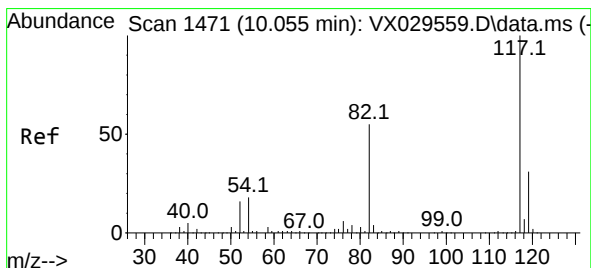
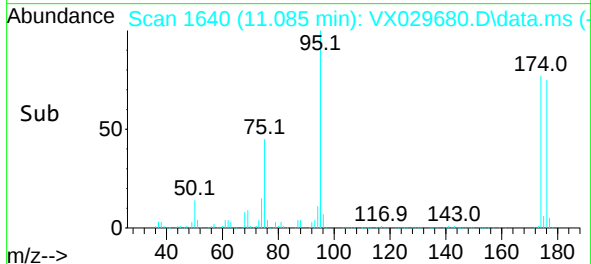
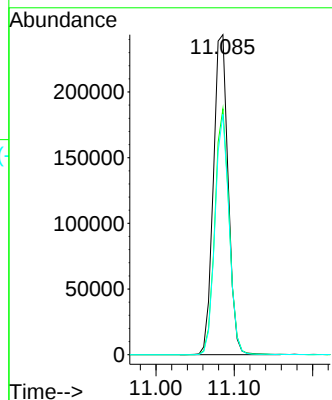
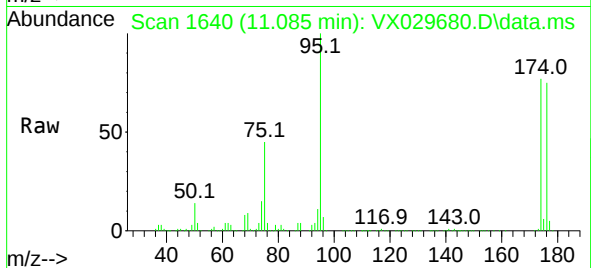
Tgt Ion: 95 Resp: 319793

Ion Ratio Lower Upper

95 100

174 74.0 0.0 163.0

176 71.7 0.0 155.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029680.D

Acq: 21 Jun 2022 22:23

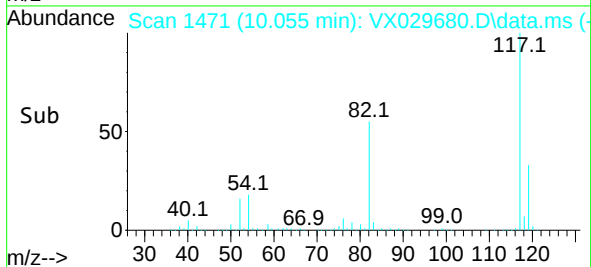
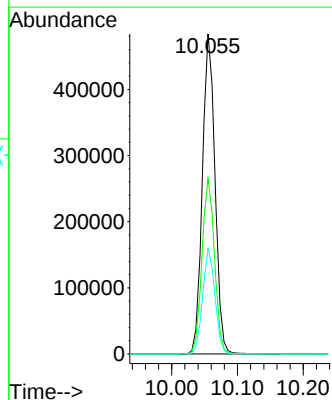
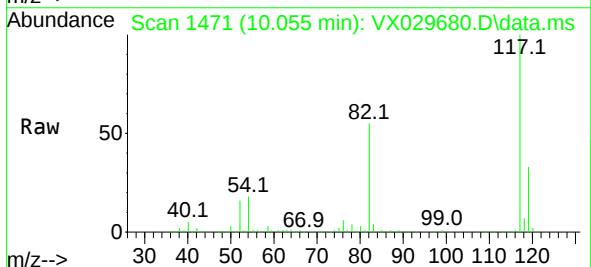
Tgt Ion: 117 Resp: 645426

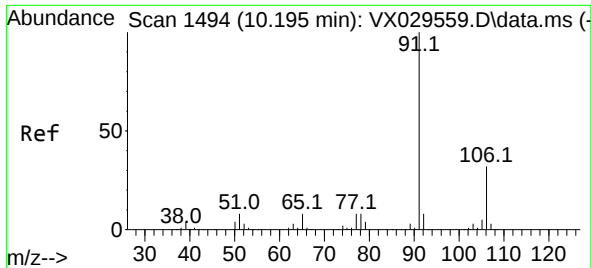
Ion Ratio Lower Upper

117 100

82 54.9 41.8 62.8

119 33.0 24.8 37.2

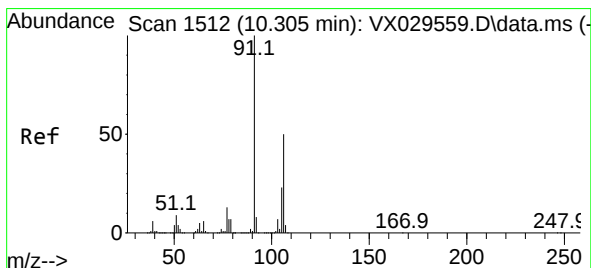
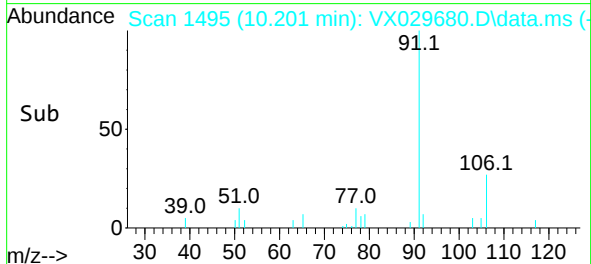
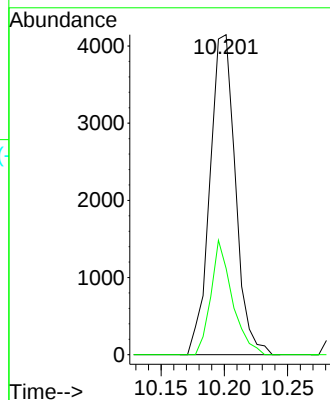
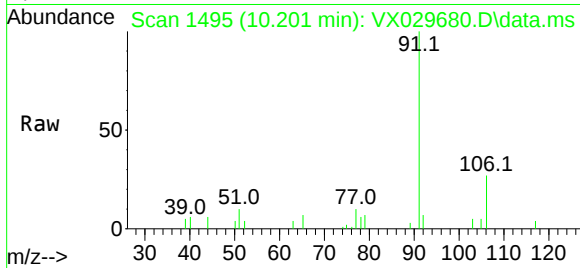




#67
Ethyl Benzene
Concen: 0.256 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

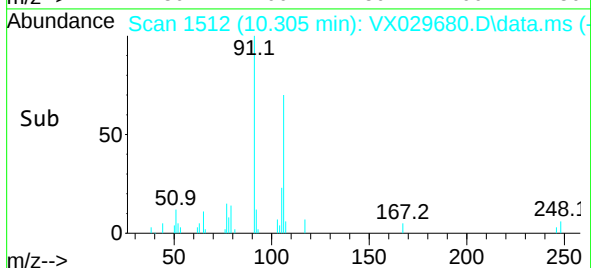
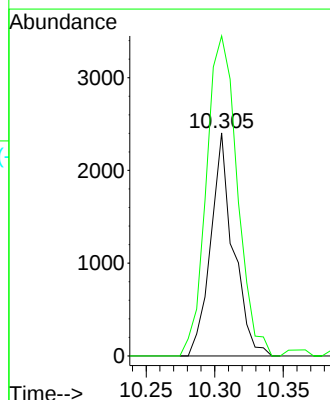
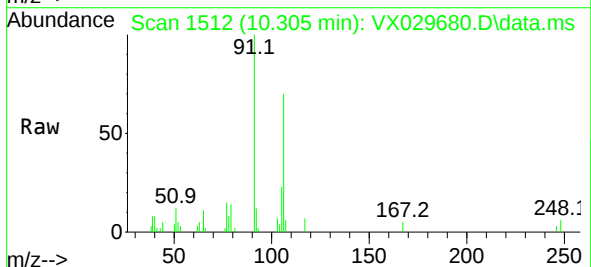
Instrument :
MSVOA_X
ClientSampleId :
MW-6S

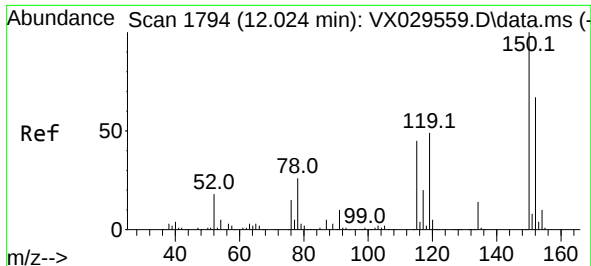
Tgt Ion: 91 Resp: 5822
Ion Ratio Lower Upper
91 100
106 26.9 24.6 36.8



#68
m/p-Xylenes
Concen: 0.310 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

Tgt Ion: 106 Resp: 2757
Ion Ratio Lower Upper
106 100
91 196.2 160.4 240.6

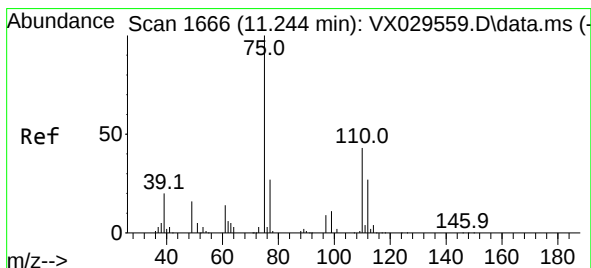
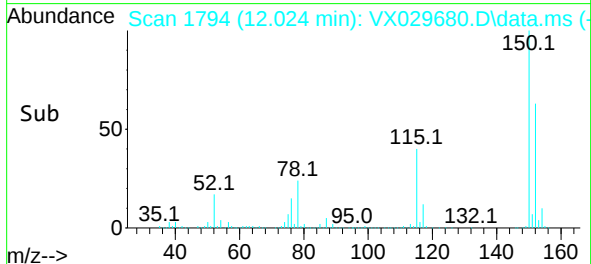
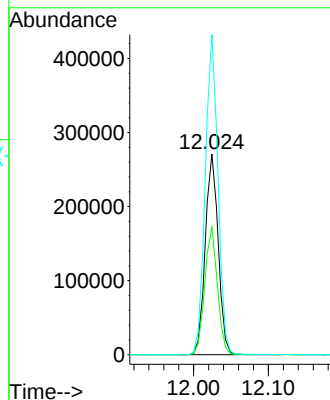
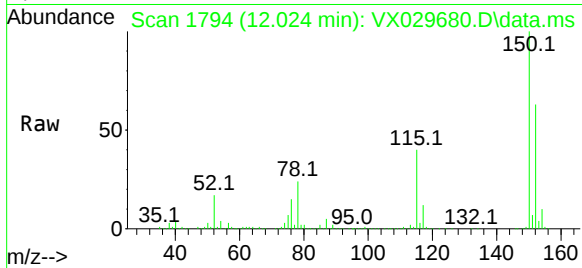




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

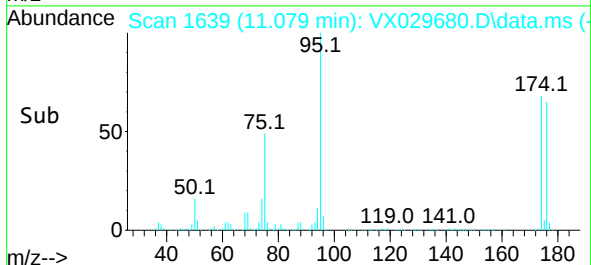
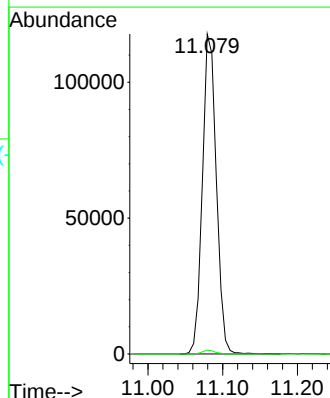
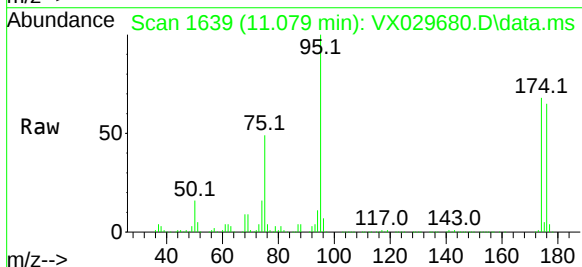
Instrument :
MSVOA_X
ClientSampleId :
MW-6S

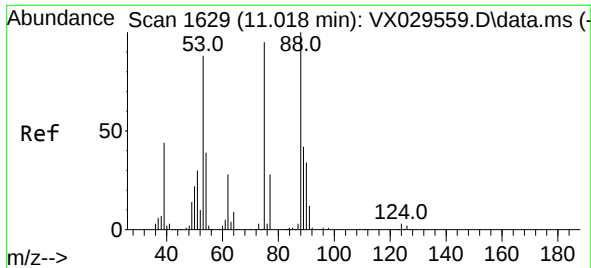
Tgt Ion:152 Resp: 325419
Ion Ratio Lower Upper
152 100
115 62.3 37.5 112.7
150 156.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 21.496 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

Tgt Ion: 75 Resp: 152390
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#

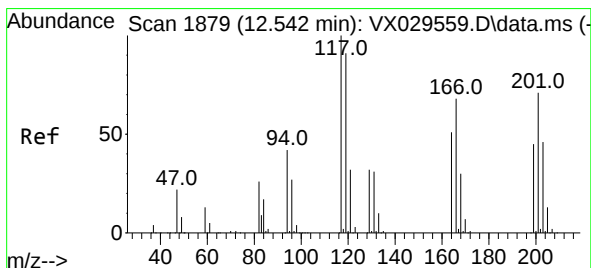
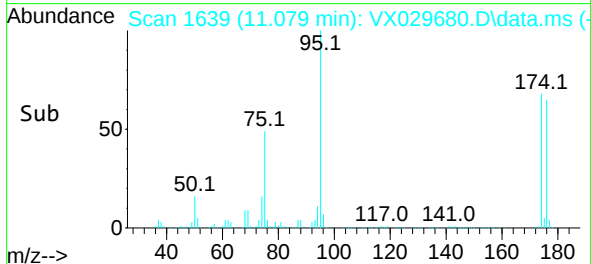
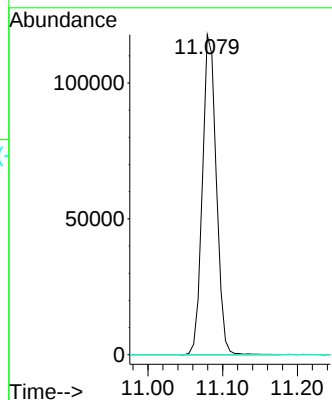
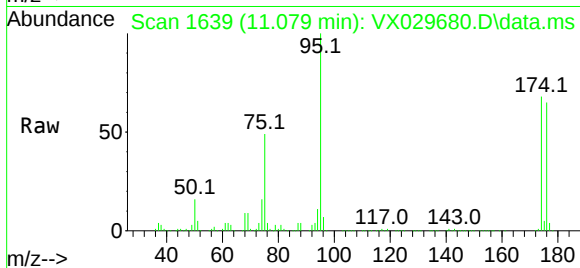




#81
trans-1,4-Dichloro-2-butene
Concen: 71.512 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

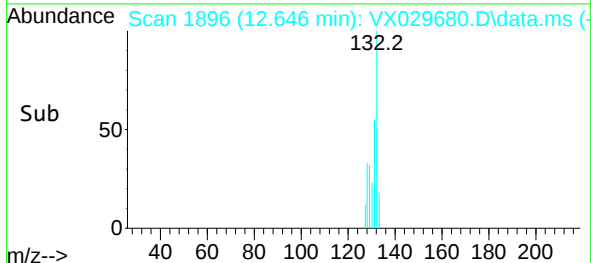
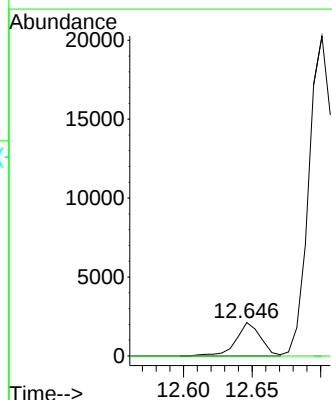
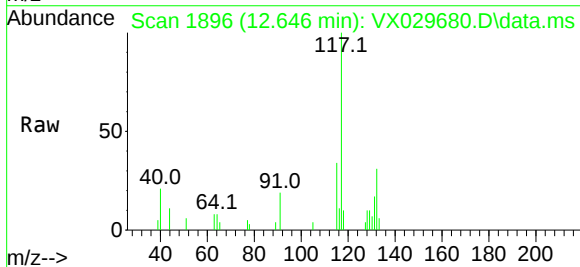
Instrument :
MSVOA_X
ClientSampleId :
MW-6S

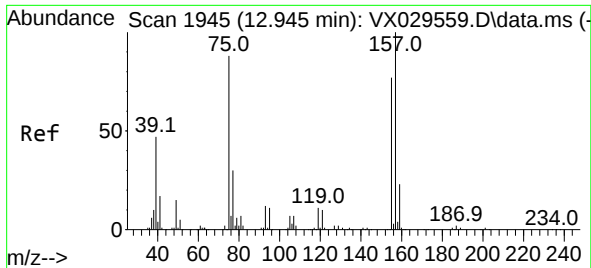
Tgt Ion: 75 Resp: 152390
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 0.889 ug/l
RT: 12.646 min Scan# 1896
Delta R.T. 0.104 min
Lab File: VX029680.D
Acq: 21 Jun 2022 22:23

Tgt Ion:117 Resp: 2646
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.284 ug/l
 RT: 12.701 min Scan# 1945
 Delta R.T. -0.244 min
 Lab File: VX029680.D
 Acq: 21 Jun 2022 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6S

Tgt Ion: 75 Resp: 496
 Ion Ratio Lower Upper
 75 100
 155 0.0 47.0 141.2#
 157 0.0 57.9 173.6#

