

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030321.D
 Acq On : 01 Aug 2022 14:44
 Operator : JC/MD
 Sample : N3681-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11R

Quant Time: Aug 02 01:52:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

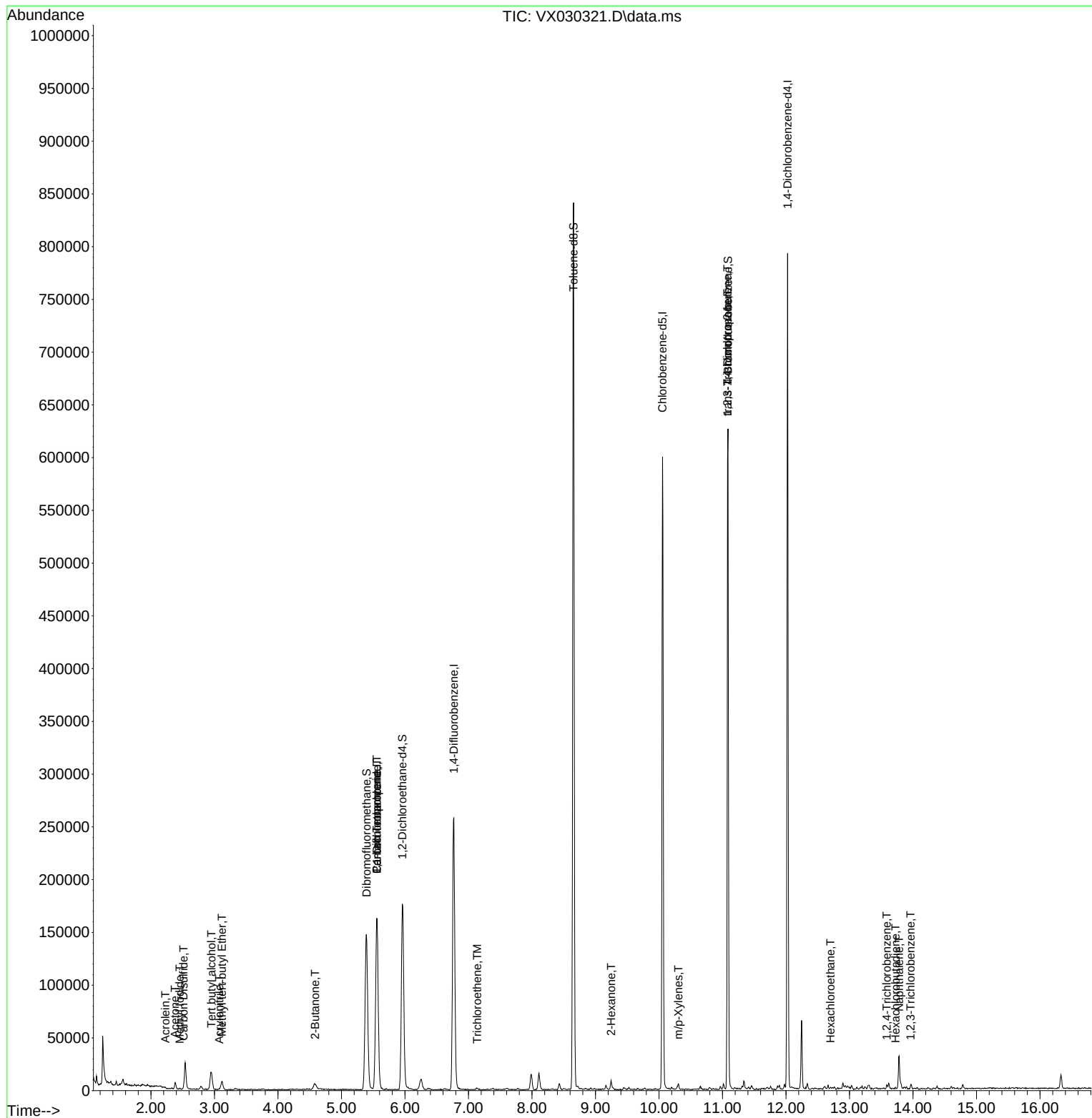
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	153748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	269904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165876	53.677	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.360%	
35) Dibromofluoromethane	5.398	113	132635	51.406	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.820%	
50) Toluene-d8	8.653	98	505887	50.629	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.260%	
62) 4-Bromofluorobenzene	11.086	95	175754	47.395	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.800%	
Target Compounds						Qvalue
5) Bromomethane	1.612	94	742	Below Cal	#	80
10) Methyl Iodide	2.453	142	1022	1.939	ug/l	95
11) Tert butyl alcohol	2.953	59	12230	16.225	ug/l #	83
13) Acrolein	2.227	56	164	0.885	ug/l #	1
15) Acrylonitrile	3.075	53	414	0.222	ug/l #	84
16) Acetone	2.380	43	6639	4.196	ug/l	99
17) Carbon Disulfide	2.514	76	2033	0.314	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	7566	0.920	ug/l #	83
20) Methylene Chloride	2.788	84	1011	Below Cal	#	88
25) 2-Butanone	4.587	43	2089	0.786	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	13042	3.512	ug/l #	45
38) Carbon Tetrachloride	5.556	117	16102	4.645	ug/l #	15
44) Trichloroethene	7.135	130	659	0.206	ug/l	78
59) 2-Hexanone	9.244	43	4857	1.176	ug/l	68
67) Ethyl Benzene	10.195	91	1036	Below Cal	#	86
68) m/p-Xylenes	10.305	106	1027	0.201	ug/l	76
76) 1,2,3-Trichloropropane	11.079	75	87356	21.644	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	87356	64.929	ug/l #	13
90) Hexachloroethane	12.701	117	838	0.479	ug/l #	16
93) 1,2,4-Trichlorobenzene	13.585	180	721	0.232	ug/l #	80
94) Hexachlorobutadiene	13.725	225	348	0.279	ug/l	82
95) Naphthalene	13.780	128	18853	1.554	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	645	0.202	ug/l #	1

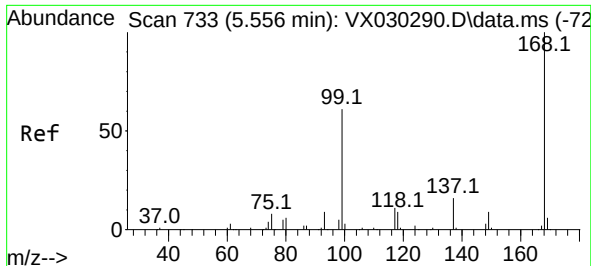
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
Data File : VX030321.D
Acq On : 01 Aug 2022 14:44
Operator : JC/MD
Sample : N3681-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-11R

Quant Time: Aug 02 01:52:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

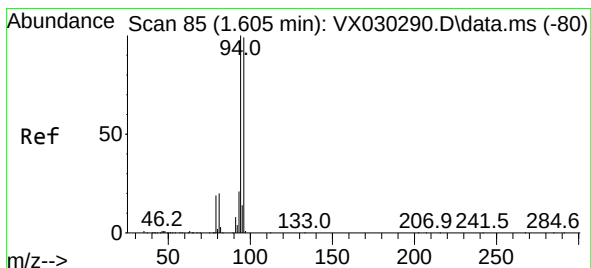
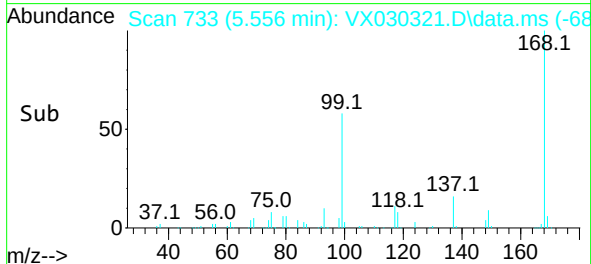
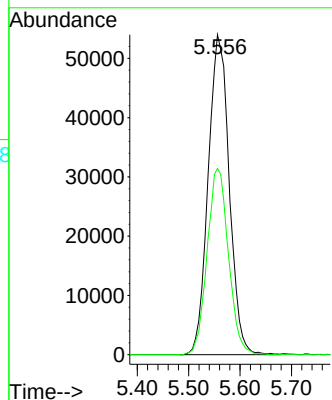
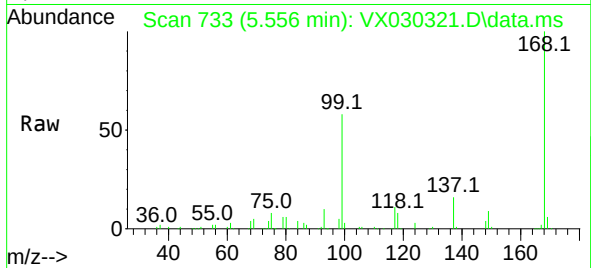




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

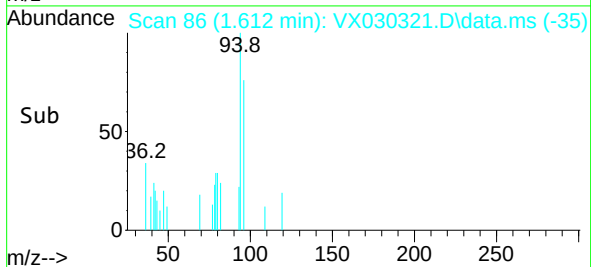
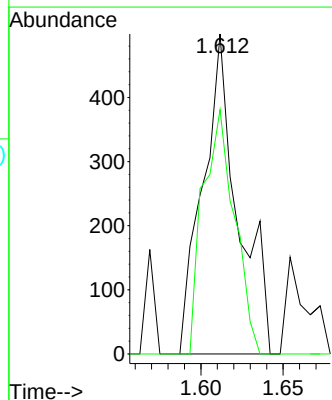
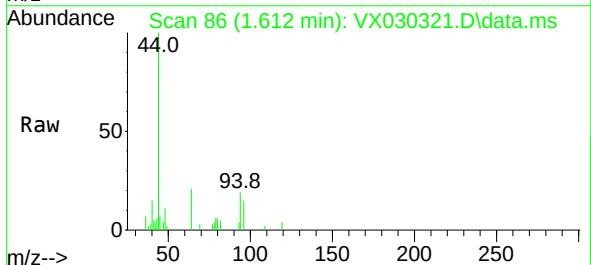
Instrument :
MSVOA_X
ClientSampleId :
MW-11R

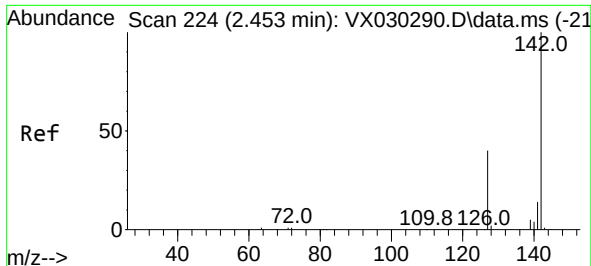
Tgt Ion:168 Resp: 153748
Ion Ratio Lower Upper
168 100
99 58.2 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

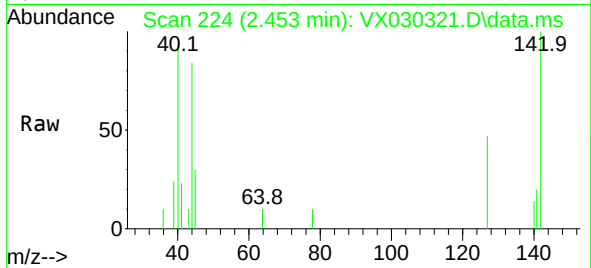
Tgt Ion: 94 Resp: 742
Ion Ratio Lower Upper
94 100
96 76.4 76.9 115.3#



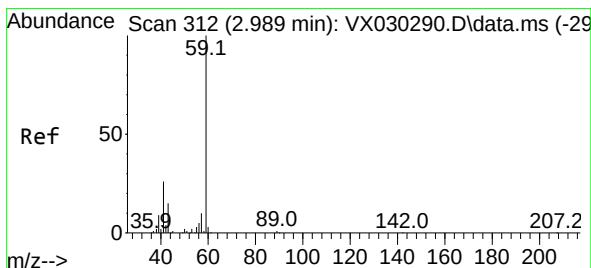
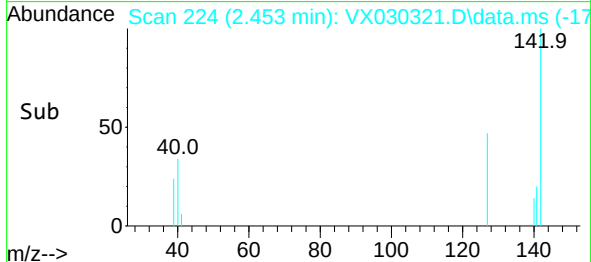
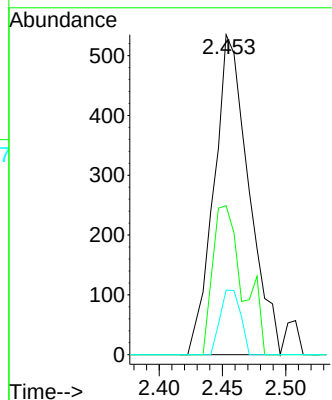


#10
Methyl Iodide
Concen: 1.939 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

Instrument :
MSVOA_X
ClientSampleId :
MW-11R

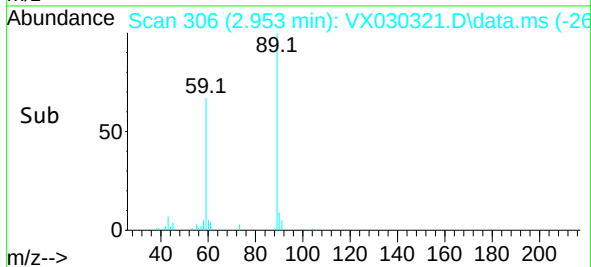
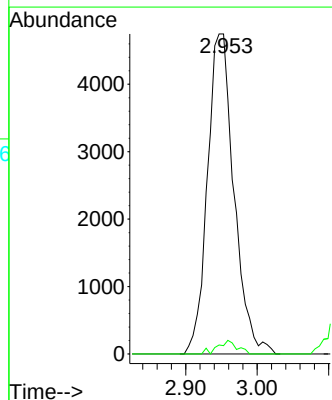
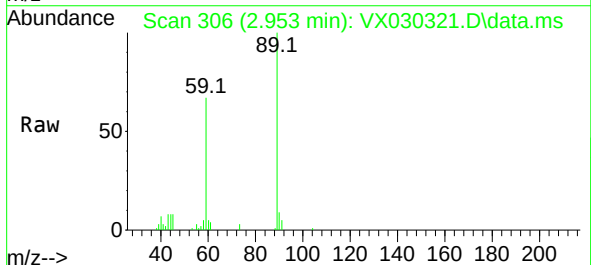


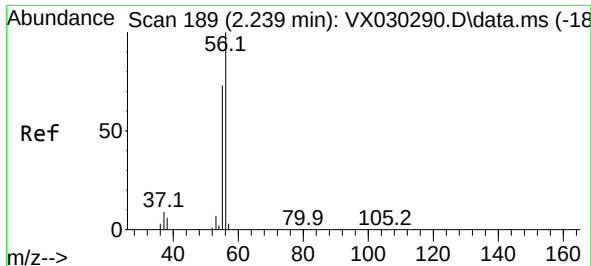
Tgt Ion:	142	Resp:	1022
Ion	Ratio	Lower	Upper
142	100		
127	40.5	30.2	45.2
141	11.7	11.3	16.9



#11
Tert butyl alcohol
Concen: 16.225 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

Tgt Ion:	59	Resp:	12230
Ion	Ratio	Lower	Upper
59	100		
57	3.1	7.4	11.2#

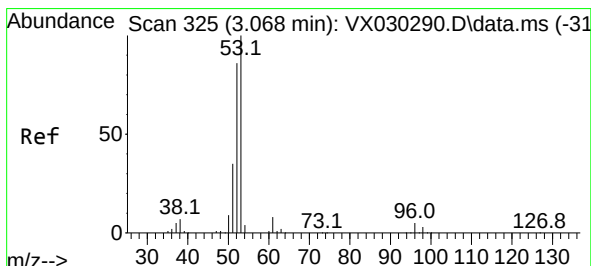
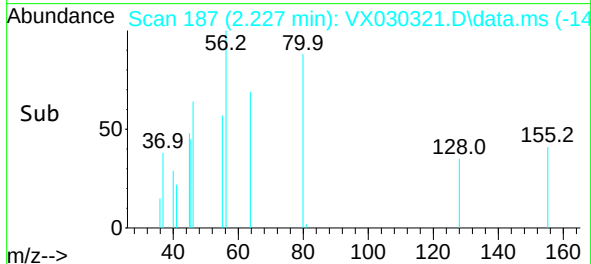
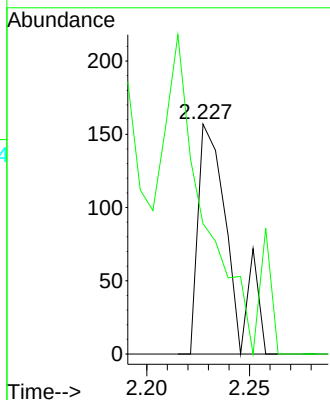
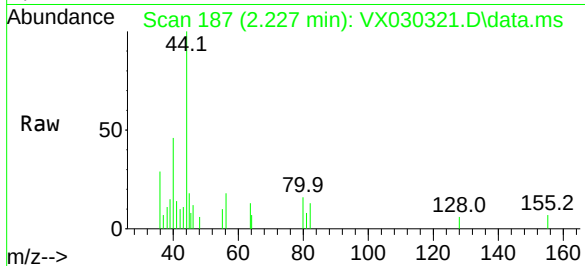




#13
Acrolein
Concen: 0.885 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

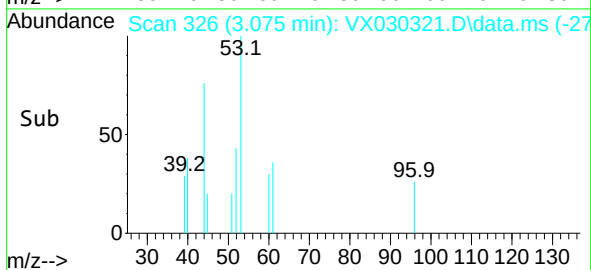
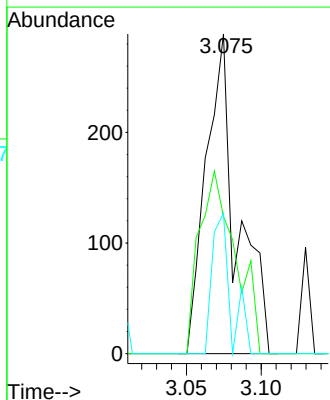
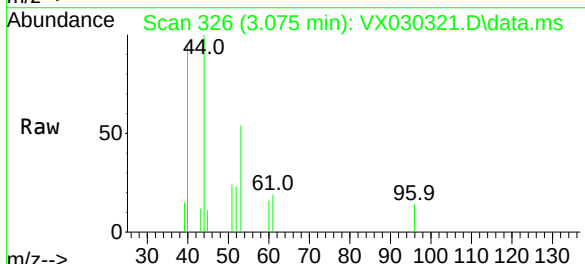
Instrument :
MSVOA_X
ClientSampleId :
MW-11R

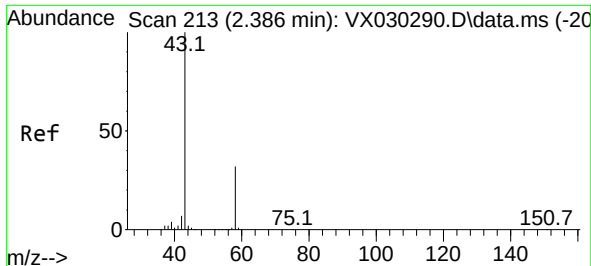
Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 173.2 56.6 84.8#



#15
Acrylonitrile
Concen: 0.222 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.007 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

Tgt Ion: 53 Resp: 414
Ion Ratio Lower Upper
53 100
52 67.1 65.4 98.0
51 26.3 27.7 41.5#

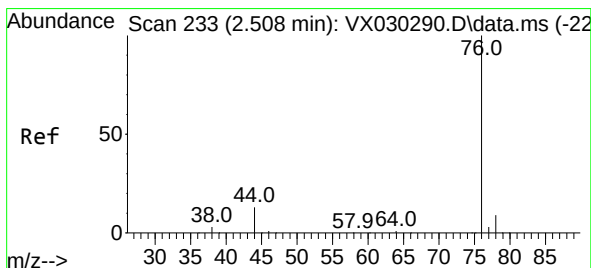
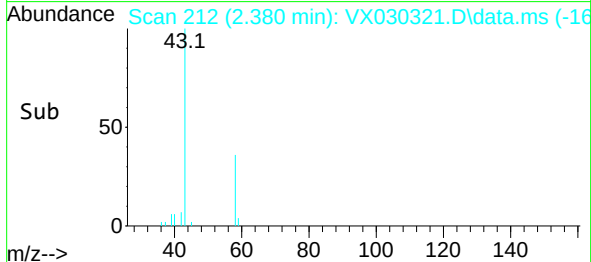
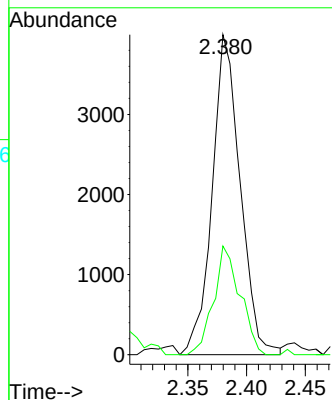
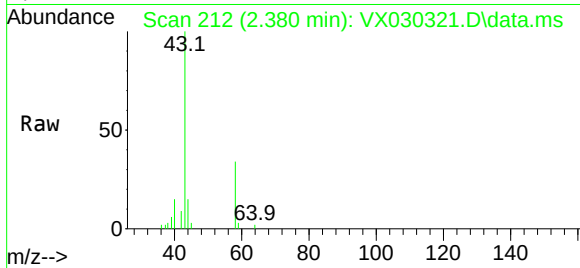




#16
Acetone
Concen: 4.196 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

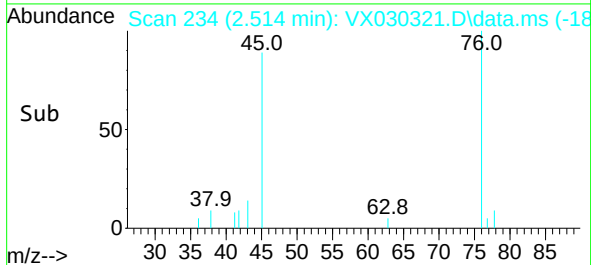
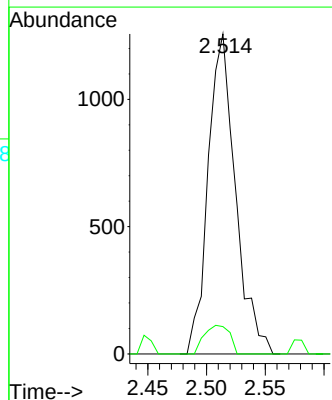
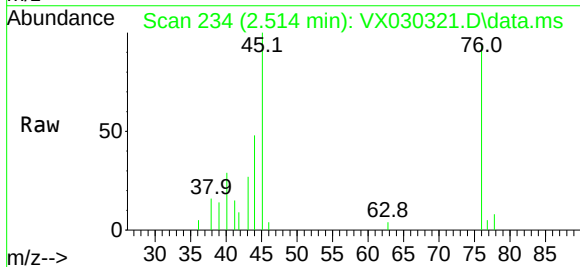
Instrument :
MSVOA_X
ClientSampleId :
MW-11R

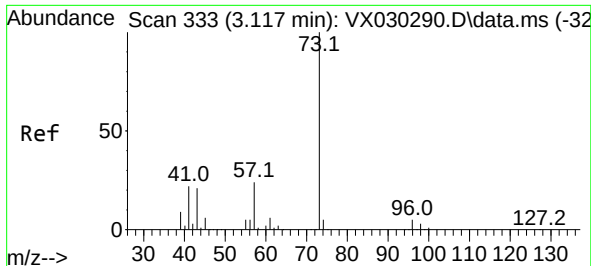
Tgt Ion: 43 Resp: 6639
Ion Ratio Lower Upper
43 100
58 33.9 27.7 41.5



#17
Carbon Disulfide
Concen: 0.314 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

Tgt Ion: 76 Resp: 2033
Ion Ratio Lower Upper
76 100
78 8.5 7.8 11.6

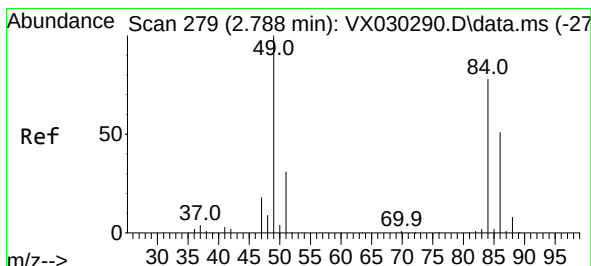
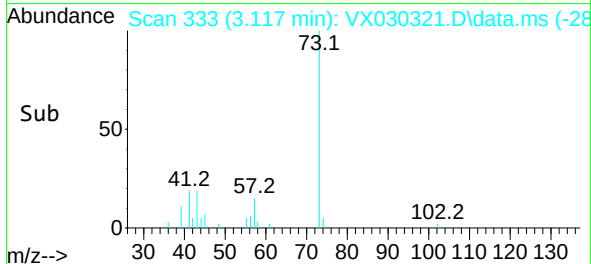
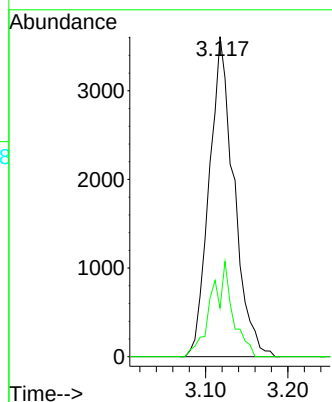
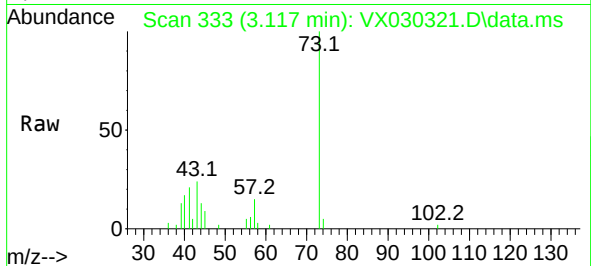




#19
Methyl tert-butyl Ether
Concen: 0.920 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

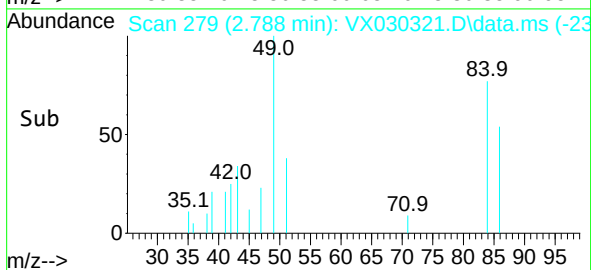
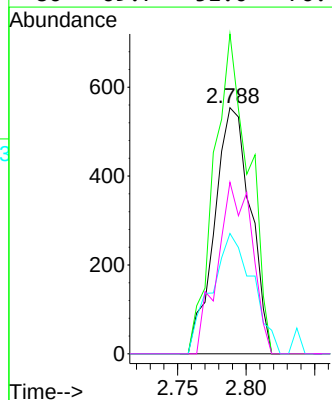
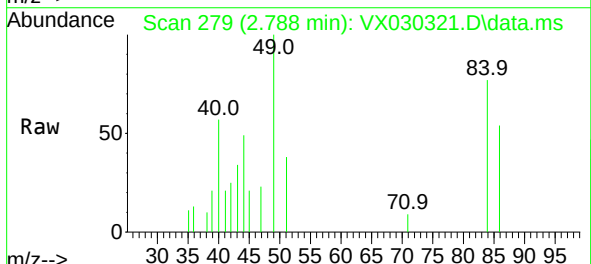
Instrument :
MSVOA_X
ClientSampleId :
MW-11R

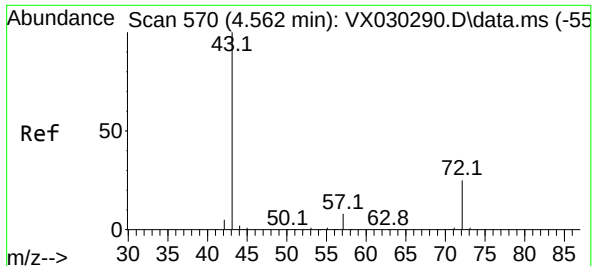
Tgt Ion: 73 Resp: 7566
Ion Ratio Lower Upper
73 100
57 15.2 19.0 28.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

Tgt Ion: 84 Resp: 1011
Ion Ratio Lower Upper
84 100
49 130.0 93.8 140.6
51 48.9 29.4 44.0#
86 69.7 51.0 76.4





#25

2-Butanone

Concen: 0.786 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.019 min

Lab File: VX030321.D

Acq: 01 Aug 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

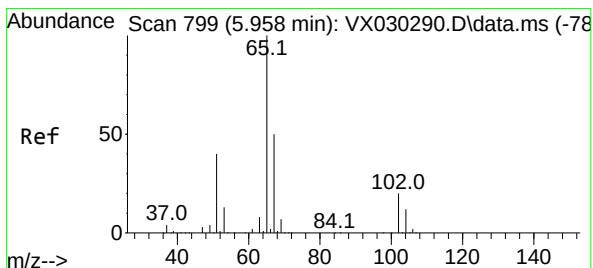
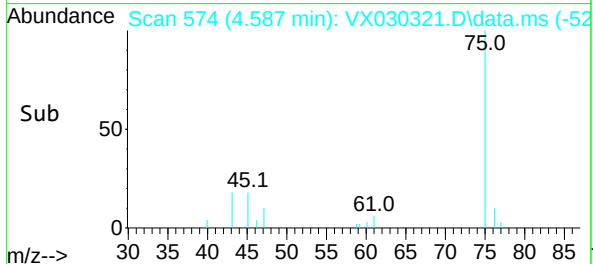
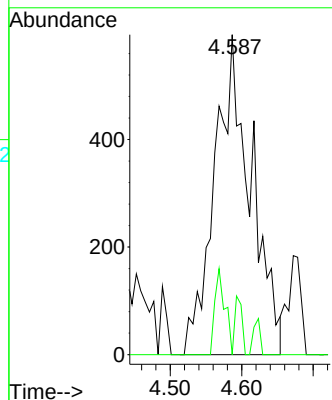
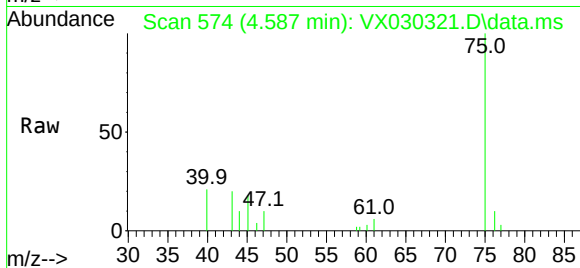
MW-11R

Tgt Ion: 43 Resp: 2089

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 53.677 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030321.D

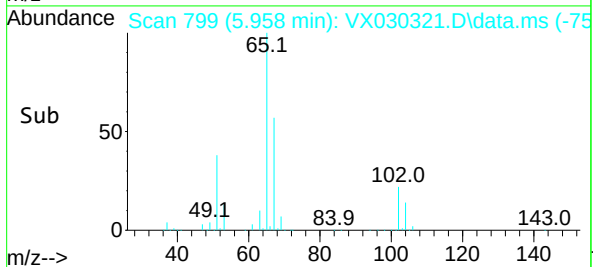
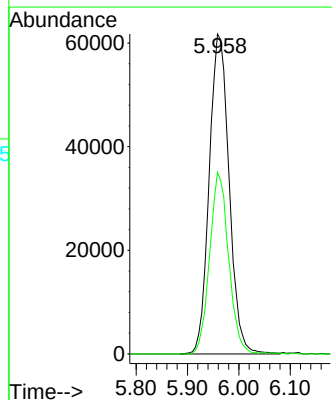
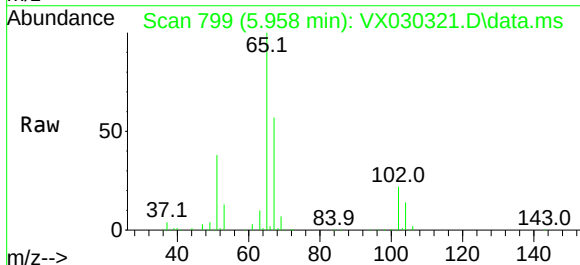
Acq: 01 Aug 2022 14:44

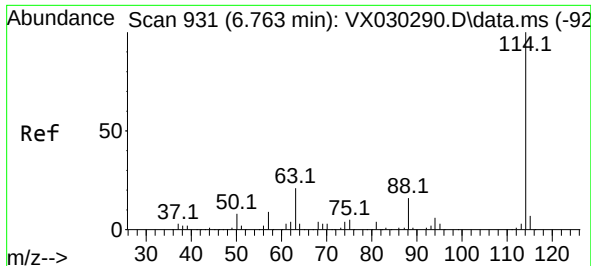
Tgt Ion: 65 Resp: 165876

Ion Ratio Lower Upper

65 100

67 54.0 0.0 109.6

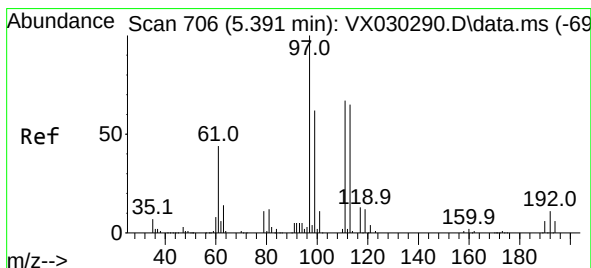
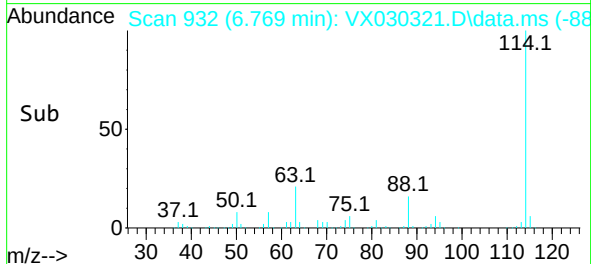
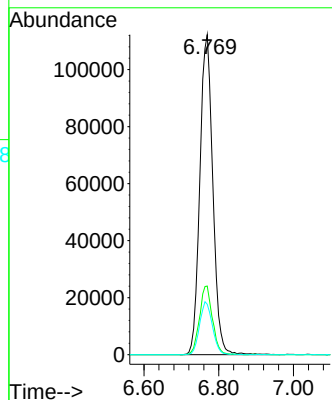
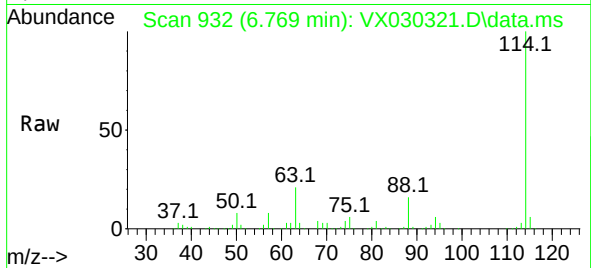




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

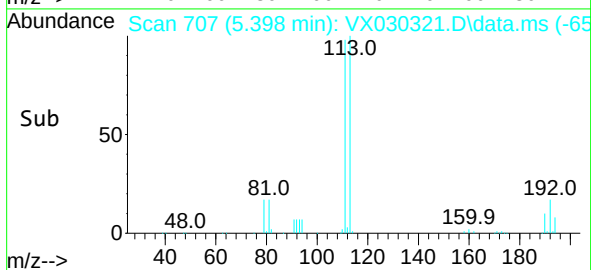
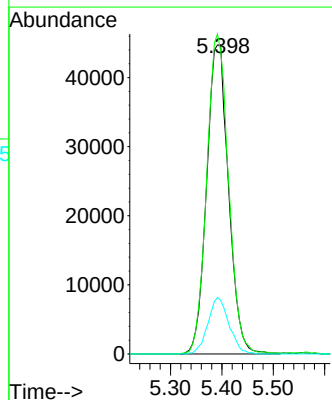
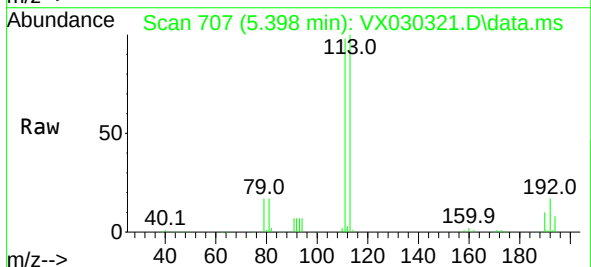
Instrument :
MSVOA_X
ClientSampleId :
MW-11R

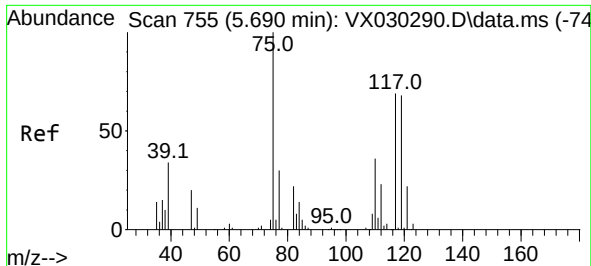
Tgt Ion:114 Resp: 269904
Ion Ratio Lower Upper
114 100
63 21.5 0.0 38.4
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.406 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

Tgt Ion:113 Resp: 132635
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 17.5 14.8 22.2

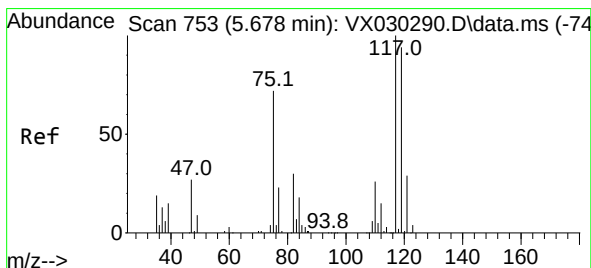
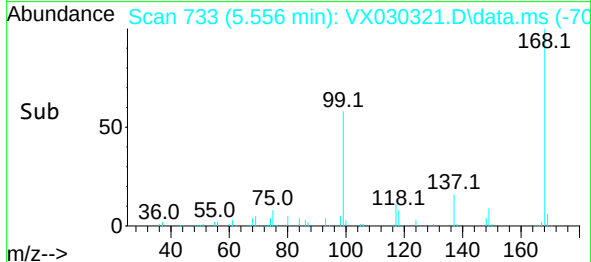
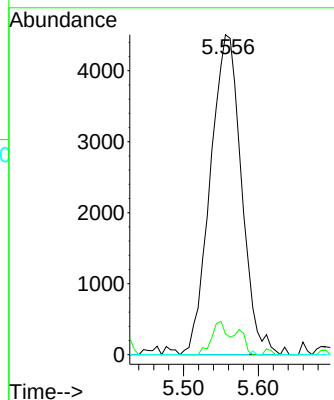
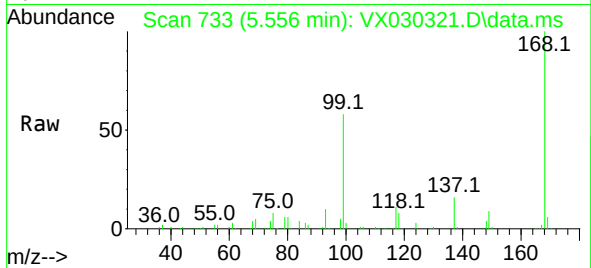




#36
1,1-Dichloropropene
Concen: 3.512 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

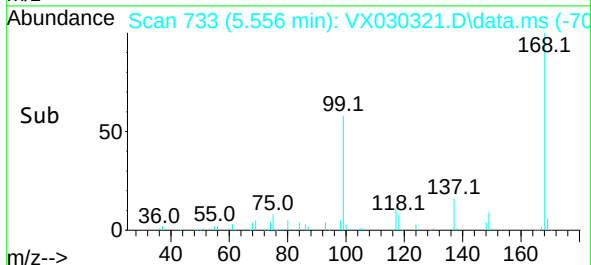
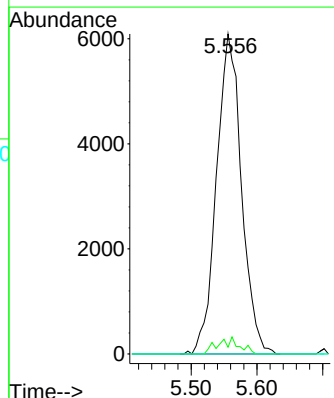
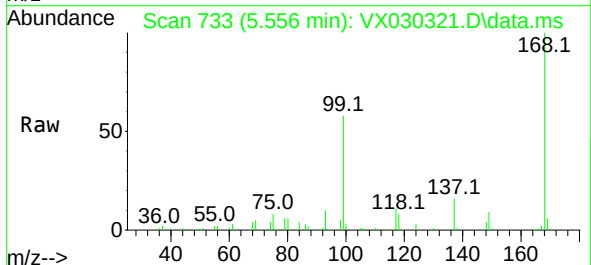
Instrument :
MSVOA_X
ClientSampleId :
MW-11R

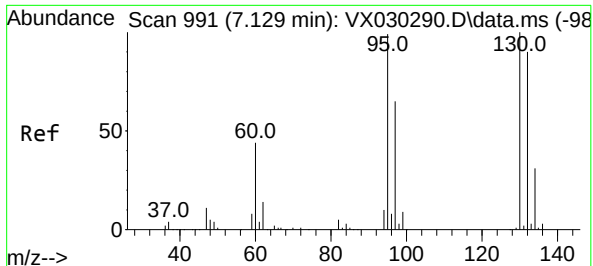
Tgt Ion: 75 Resp: 13042
Ion Ratio Lower Upper
75 100
110 5.2 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.645 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

Tgt Ion: 117 Resp: 16102
Ion Ratio Lower Upper
117 100
119 2.1 74.1 111.1#
121 0.0 25.8 38.8#

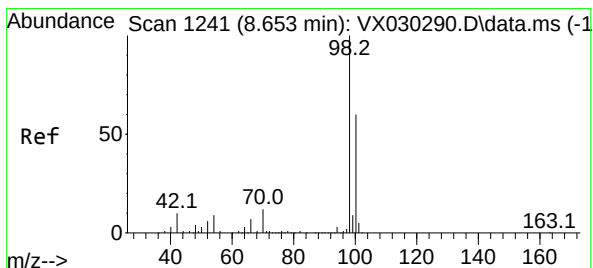
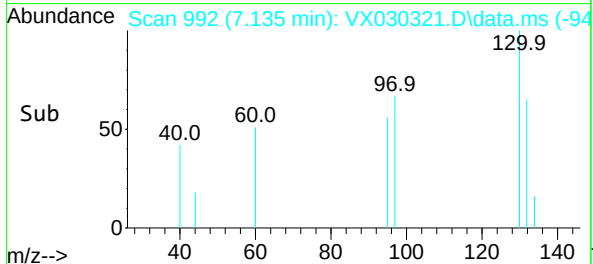
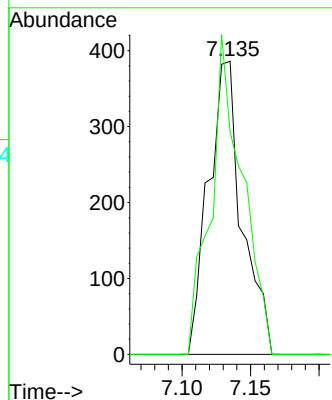
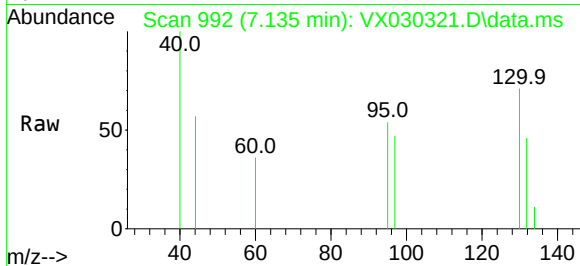




#44
Trichloroethene
Concen: 0.206 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

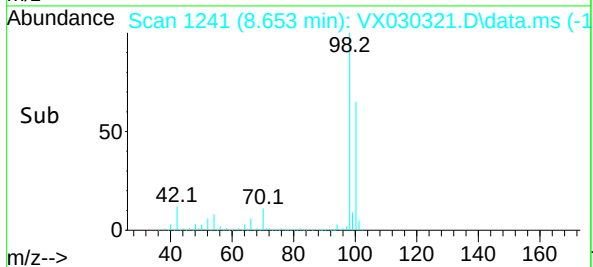
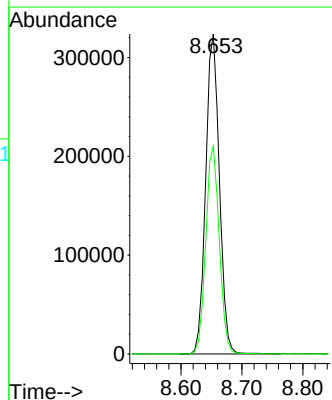
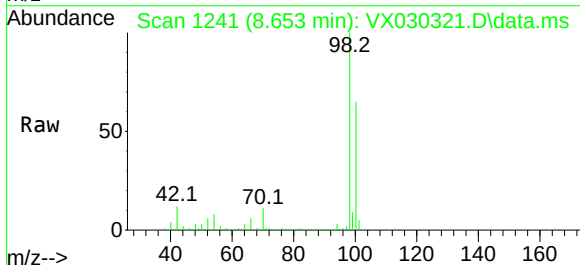
Instrument :
MSVOA_X
ClientSampleId :
MW-11R

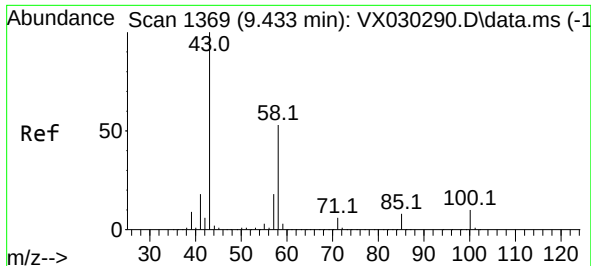
Tgt Ion:130 Resp: 659
Ion Ratio Lower Upper
130 100
95 75.9 0.0 194.8



#50
Toluene-d8
Concen: 50.629 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

Tgt Ion: 98 Resp: 505887
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5





#59

2-Hexanone

Concen: 1.176 ug/l

RT: 9.244 min Scan# 11

Delta R.T. -0.189 min

Lab File: VX030321.D

Acq: 01 Aug 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

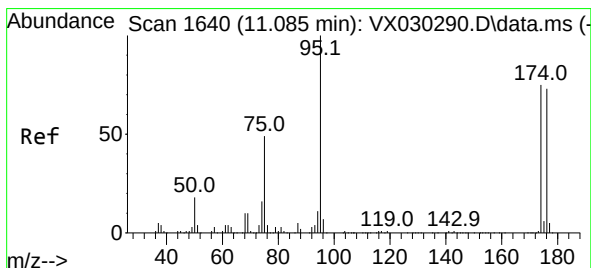
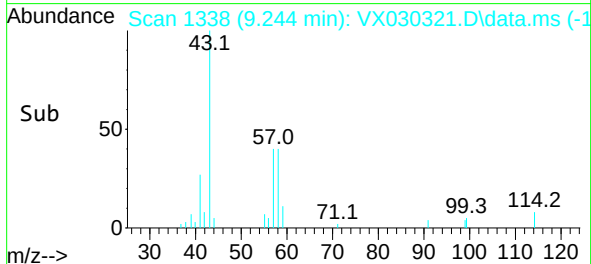
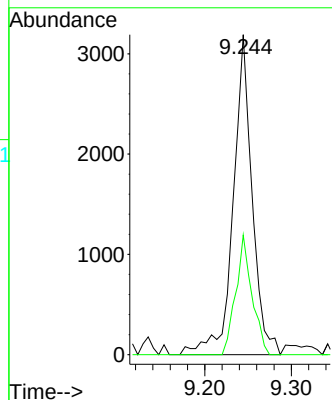
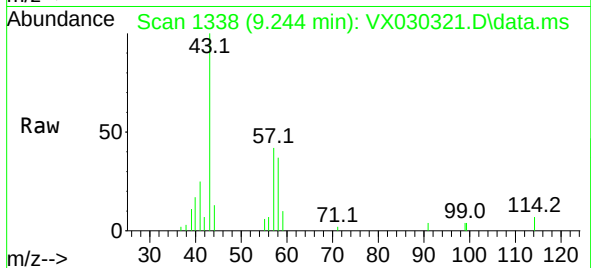
MW-11R

Tgt Ion: 43 Resp: 4857

Ion Ratio Lower Upper

43 100

58 31.9 27.6 82.8



#62

4-Bromofluorobenzene

Concen: 47.395 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. 0.001 min

Lab File: VX030321.D

Acq: 01 Aug 2022 14:44

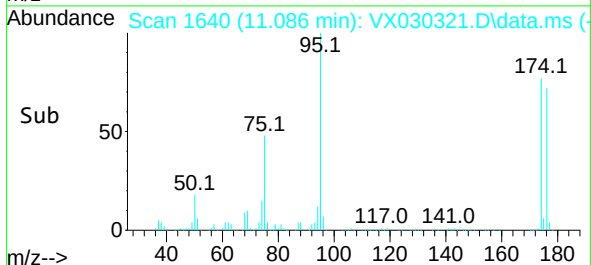
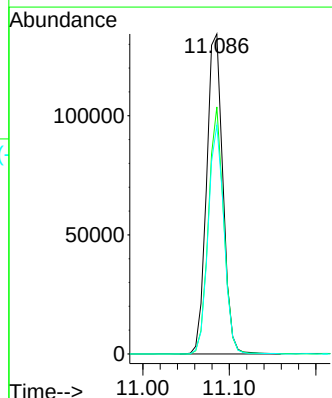
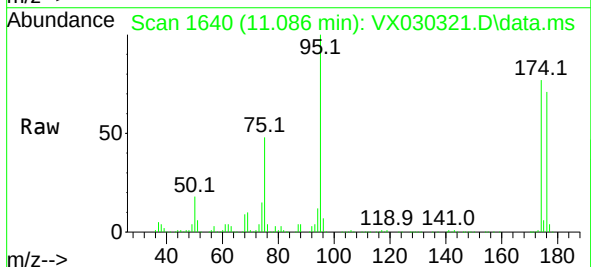
Tgt Ion: 95 Resp: 175754

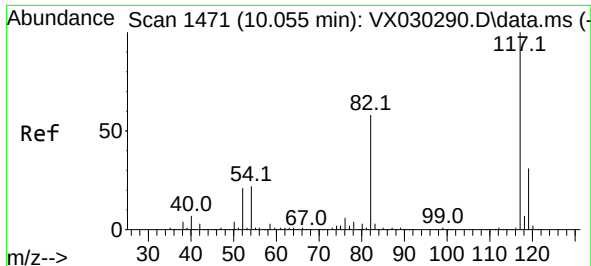
Ion Ratio Lower Upper

95 100

174 72.2 0.0 149.0

176 69.0 0.0 146.0

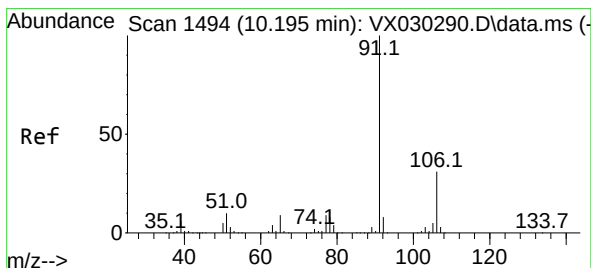
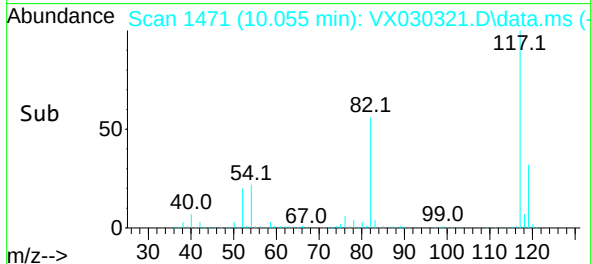
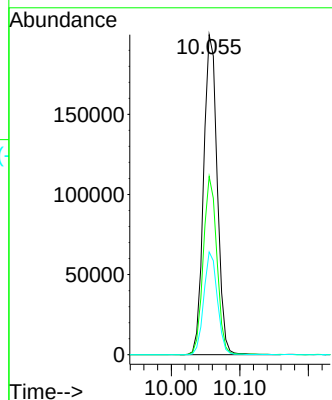
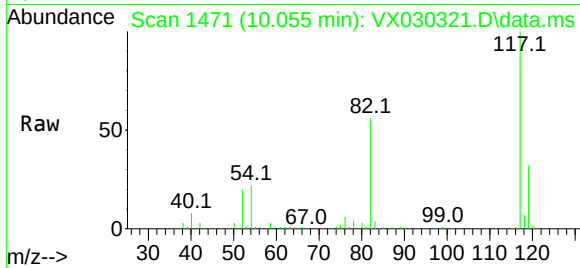




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

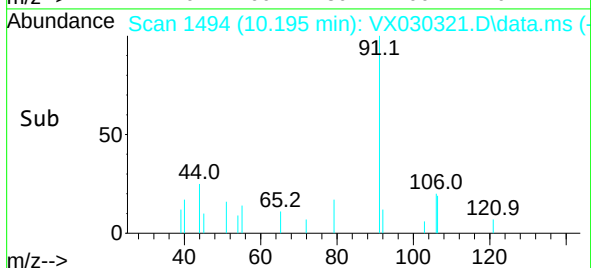
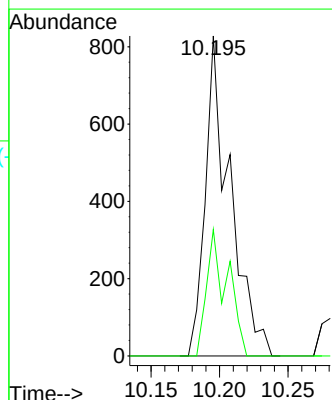
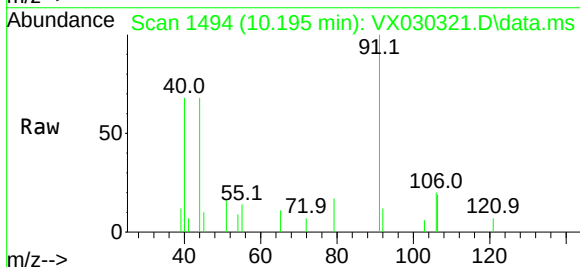
Instrument :
MSVOA_X
ClientSampleId :
MW-11R

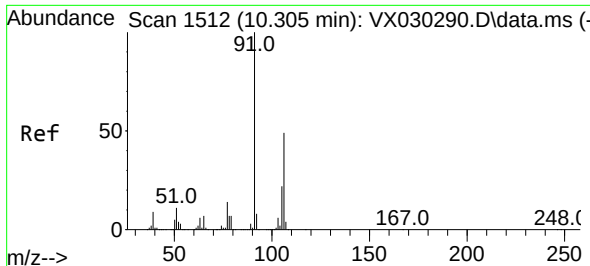
Tgt Ion:117 Resp: 276978
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

Tgt Ion: 91 Resp: 1036
Ion Ratio Lower Upper
91 100
106 39.5 25.5 38.3#

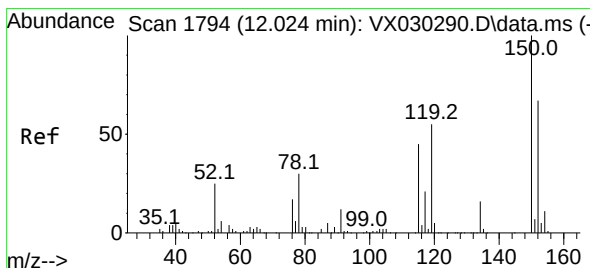
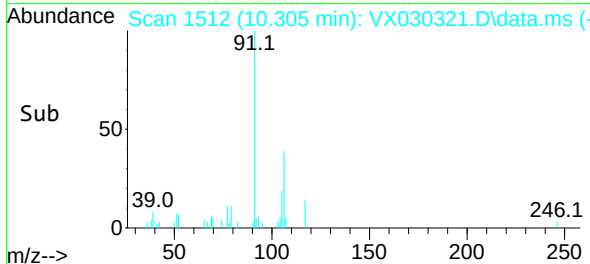
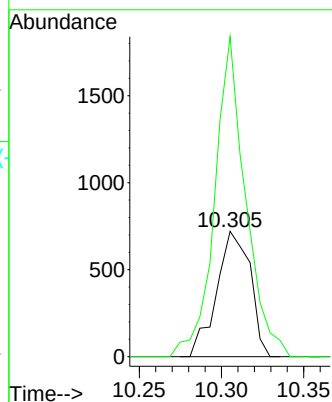
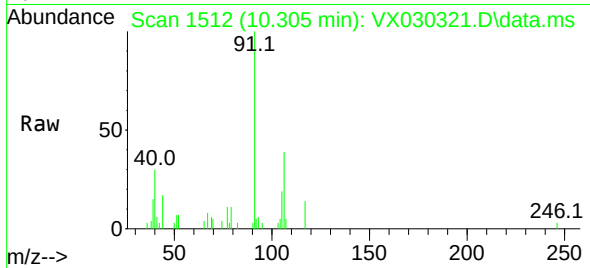




#68
m/p-Xylenes
Concen: 0.201 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

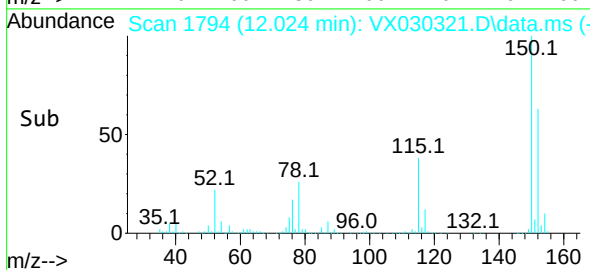
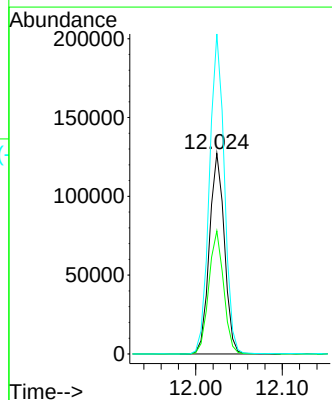
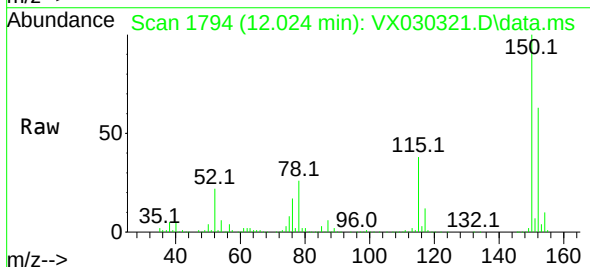
Instrument :
MSVOA_X
ClientSampleId :
MW-11R

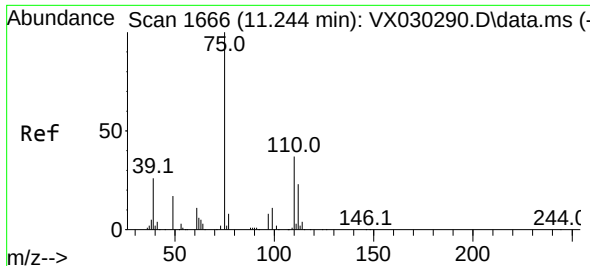
Tgt Ion:106 Resp: 1027
Ion Ratio Lower Upper
106 100
91 234.1 158.2 237.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

Tgt Ion:152 Resp: 153118
Ion Ratio Lower Upper
152 100
115 60.7 40.5 121.5
150 158.5 0.0 347.0

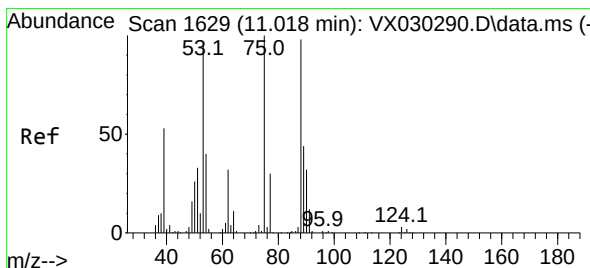
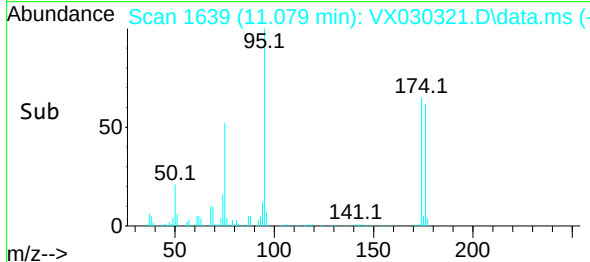
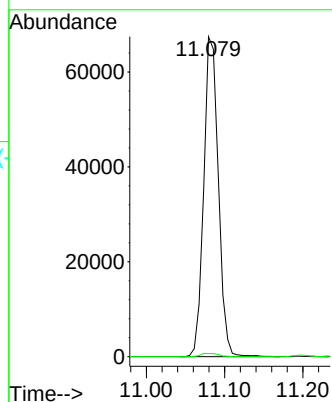
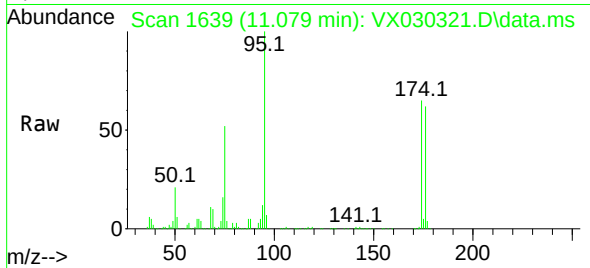




#76
1,2,3-Trichloropropane
Concen: 21.644 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

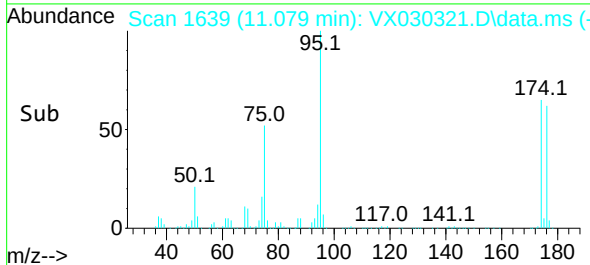
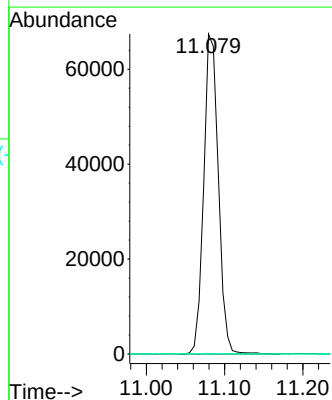
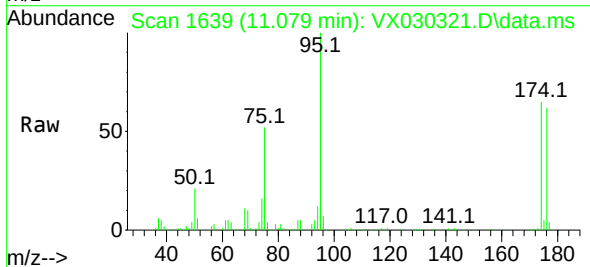
Instrument :
MSVOA_X
ClientSampleId :
MW-11R

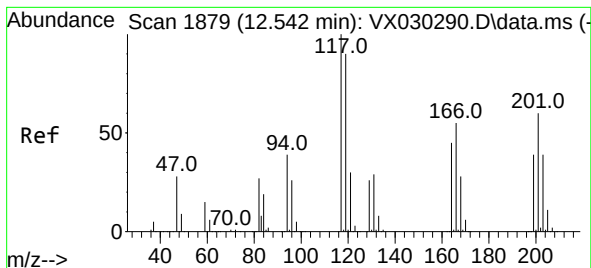
Tgt Ion: 75 Resp: 87356
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

Tgt Ion: 75 Resp: 87356
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#





#90

Hexachloroethane

Concen: 0.479 ug/l

RT: 12.701 min Scan# 1905

Delta R.T. 0.159 min

Lab File: VX030321.D

Acq: 01 Aug 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

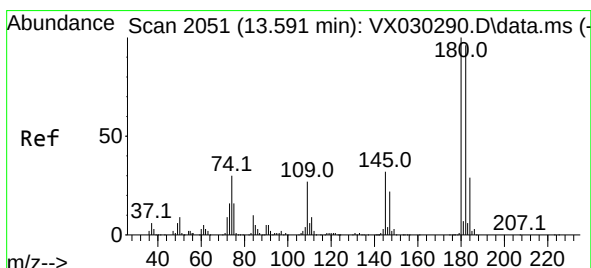
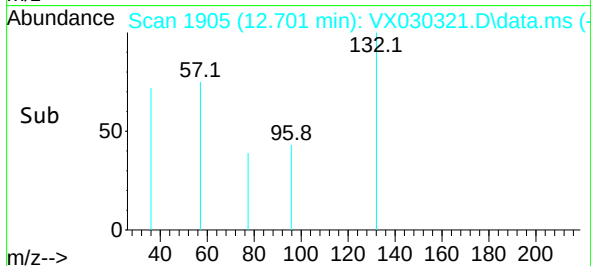
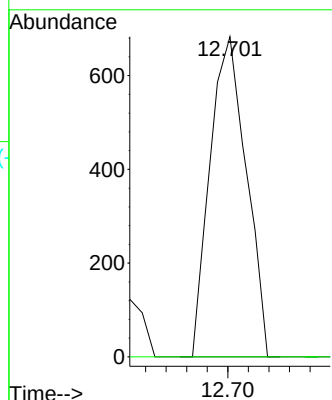
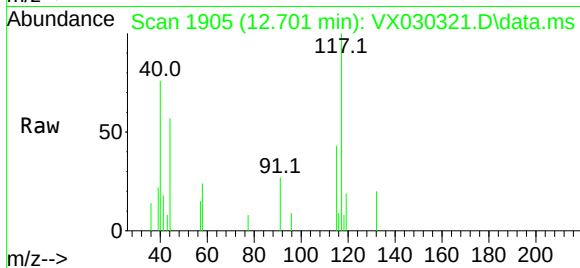
MW-11R

Tgt Ion:117 Resp: 838

Ion Ratio Lower Upper

117 100

201 0.0 34.2 102.5#



#93

1,2,4-Trichlorobenzene

Concen: 0.232 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX030321.D

Acq: 01 Aug 2022 14:44

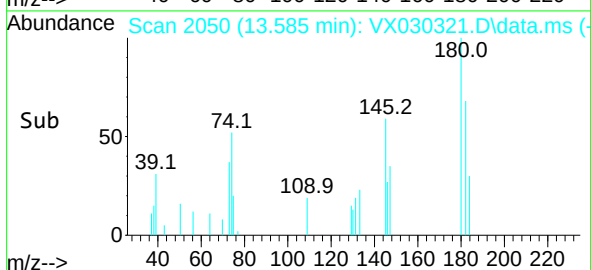
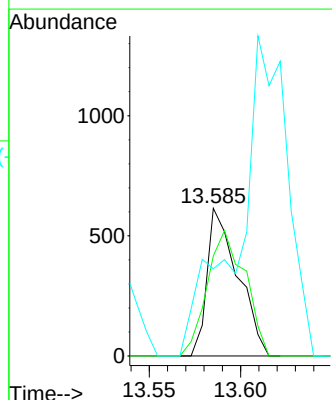
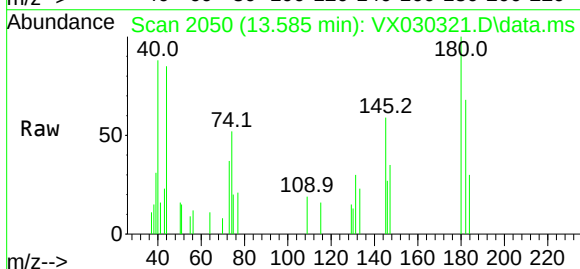
Tgt Ion:180 Resp: 721

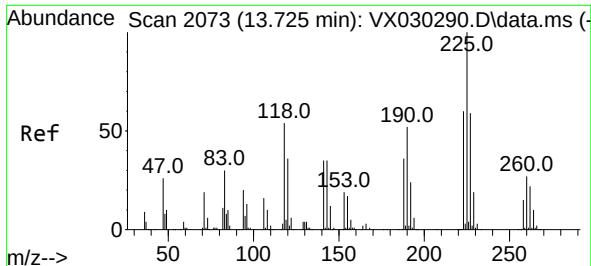
Ion Ratio Lower Upper

180 100

182 104.2 48.2 144.6

145 0.0 15.9 47.6#

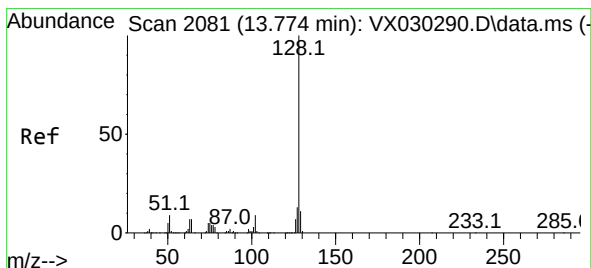
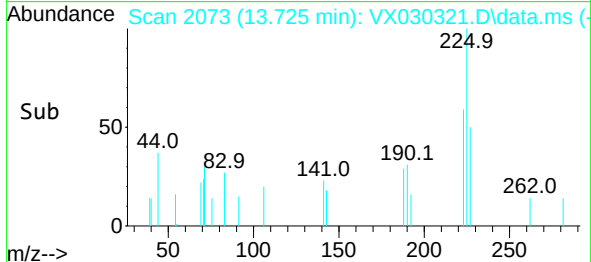
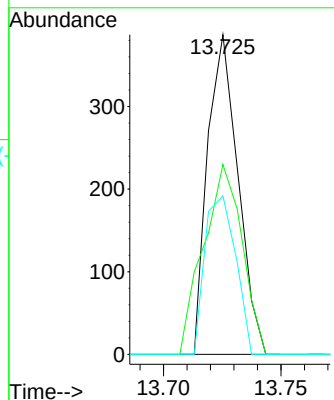
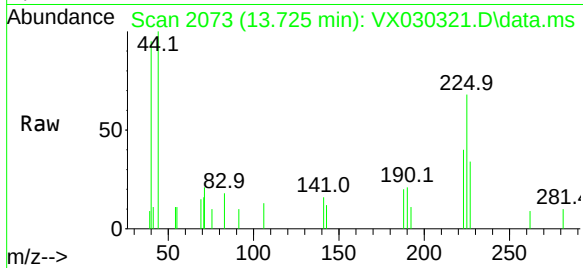




#94
Hexachlorobutadiene
Concen: 0.279 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

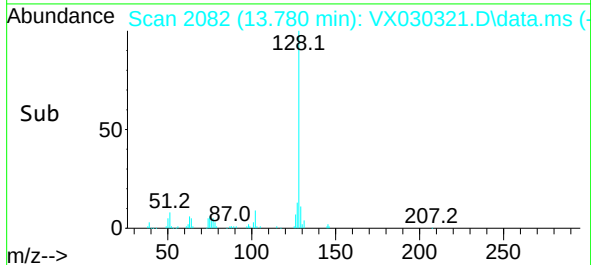
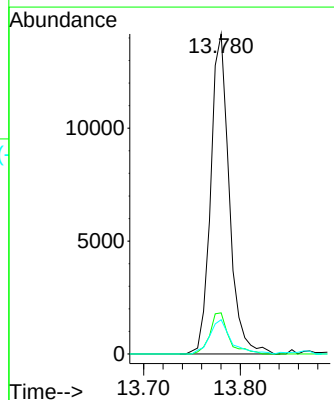
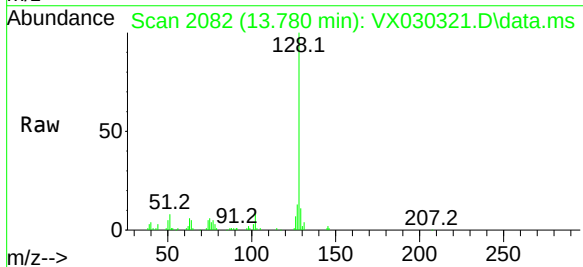
Instrument :
MSVOA_X
ClientSampleId :
MW-11R

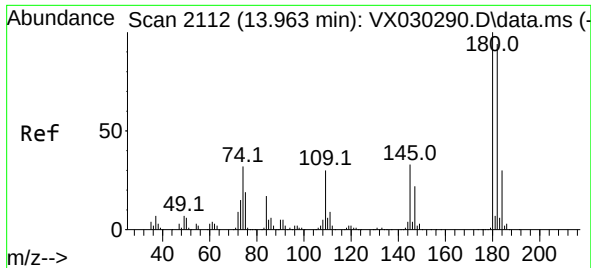
Tgt Ion:225	Resp:	348
Ion	Ratio	Lower Upper
225	100	
223	75.6	30.6 91.6
227	50.3	31.9 95.9



#95
Naphthalene
Concen: 1.554 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX030321.D
Acq: 01 Aug 2022 14:44

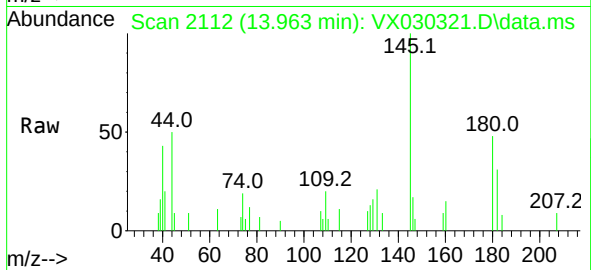
Tgt Ion:128	Resp:	18853
Ion	Ratio	Lower Upper
128	100	
127	13.0	10.2 15.2
129	12.3	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.202 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.001 min
 Lab File: VX030321.D
 Acq: 01 Aug 2022 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11R



Tgt Ion:180 Resp: 645
 Ion Ratio Lower Upper
 180 100
 182 72.9 47.0 141.0
 145 242.9 17.0 50.9#

