

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029593.D
 Acq On : 19 Jun 2022 01:07
 Operator : JC/MD
 Sample : N3290-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Jun 20 01:39:06 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)

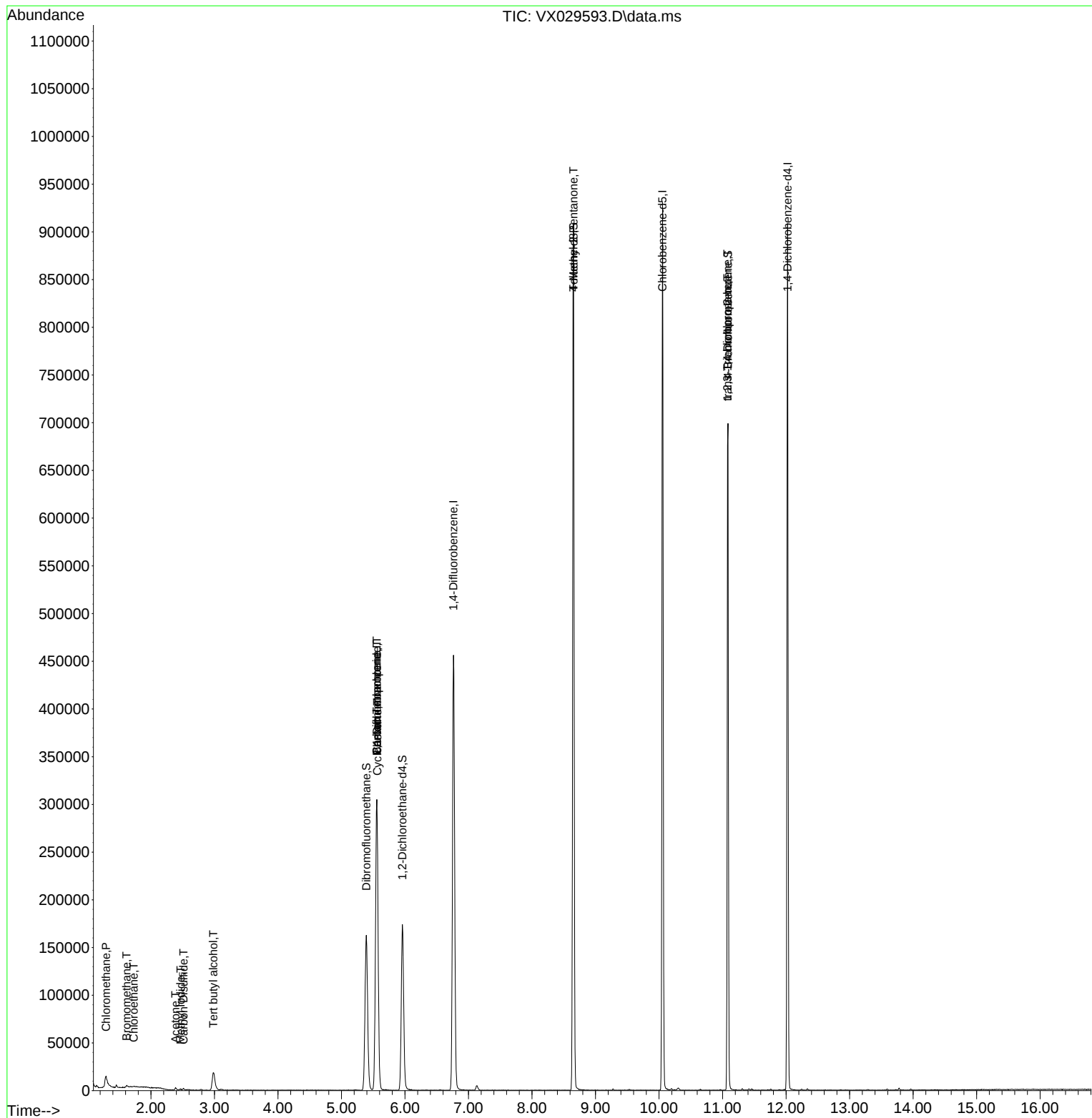
Internal Standards						
1) Pentafluorobenzene	5.556	168	290735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	488890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	425923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166164	43.176	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.360%
35) Dibromofluoromethane	5.391	113	145187	45.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.140%
50) Toluene-d8	8.653	98	556048	47.774	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.540%
62) 4-Bromofluorobenzene	11.085	95	203037	46.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.520%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1660	0.438	ug/l	92
5) Bromomethane	1.617	94	855	0.480	ug/l	82
6) Chloroethane	1.727	64	225	1.373	ug/l #	85
10) Methyl Iodide	2.465	142	1207	3.344	ug/l #	94
11) Tert butyl alcohol	2.983	59	32147	30.195	ug/l	100
16) Acetone	2.386	43	2731	1.780	ug/l #	77
17) Carbon Disulfide	2.514	76	2018	0.264	ug/l #	89
31) Cyclohexane	5.562	56	5586	1.081	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	21703	5.033	ug/l #	49
38) Carbon Tetrachloride	5.556	117	29779	7.023	ug/l #	15
44) Trichloroethene	7.129	130	2058	Below Cal		97
51) 4-Methyl-2-Pentanone	8.653	43	2270	0.512	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	97268	23.702	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	97268	78.850	ug/l #	15

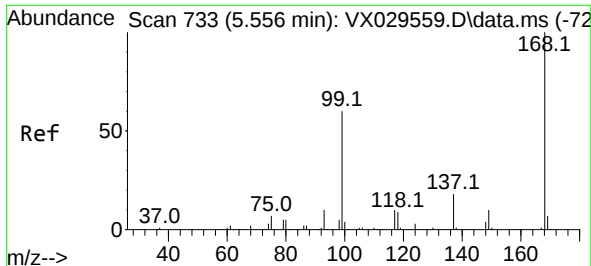
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
Data File : VX029593.D
Acq On : 19 Jun 2022 01:07
Operator : JC/MD
Sample : N3290-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-24

Quant Time: Jun 20 01:39:06 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

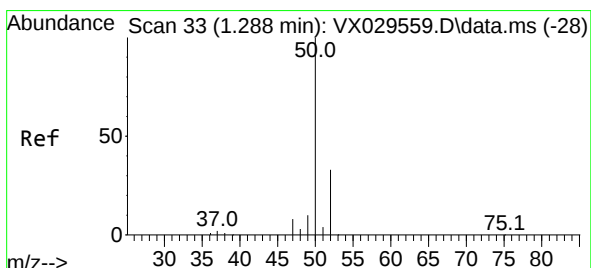
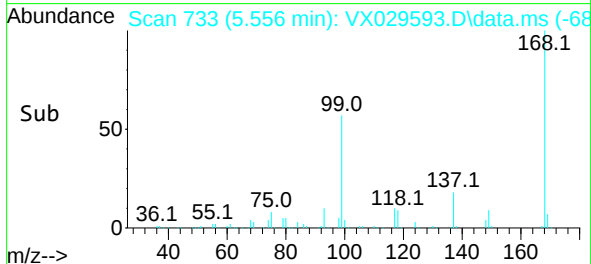
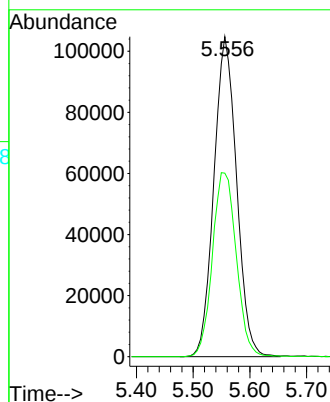
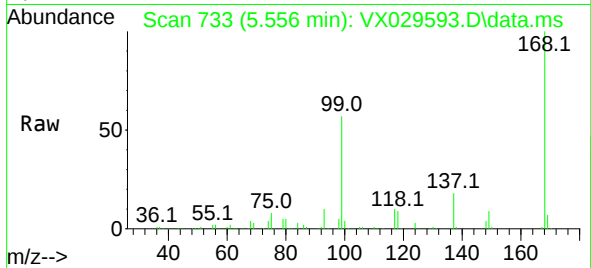




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

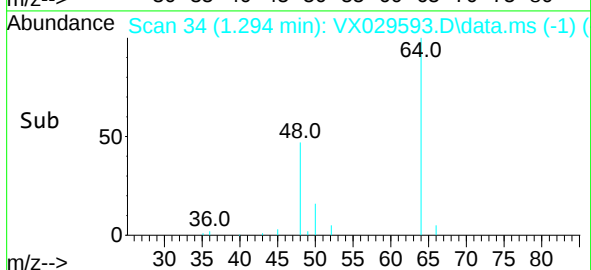
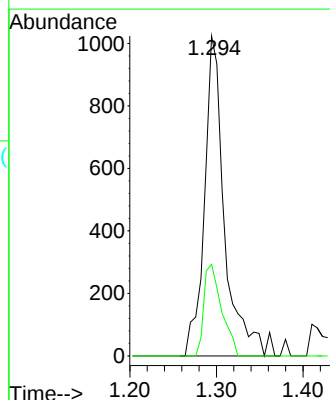
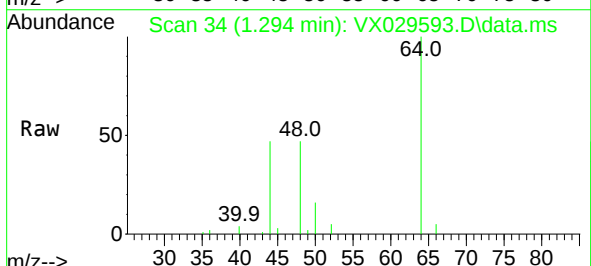
Instrument :
MSVOA_X
ClientSampleId :
MW-24

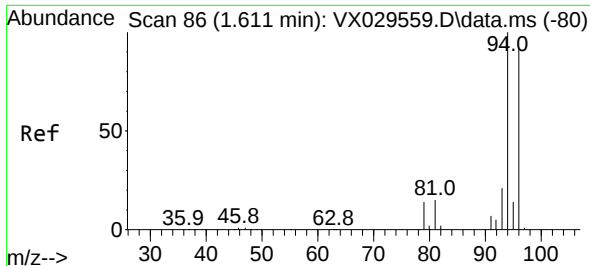
Tgt Ion:168 Resp: 290735
Ion Ratio Lower Upper
168 100
99 57.4 41.7 62.5



#3
Chloromethane
Concen: 0.438 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

Tgt Ion: 50 Resp: 1660
Ion Ratio Lower Upper
50 100
52 28.6 26.4 39.6

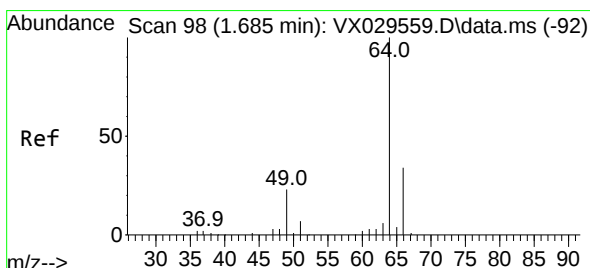
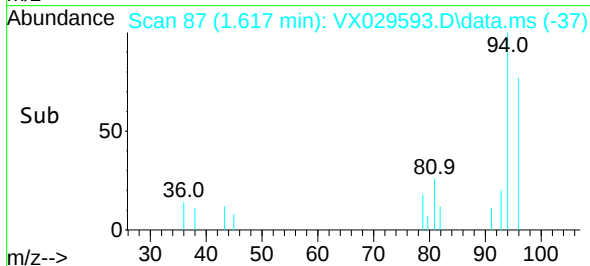
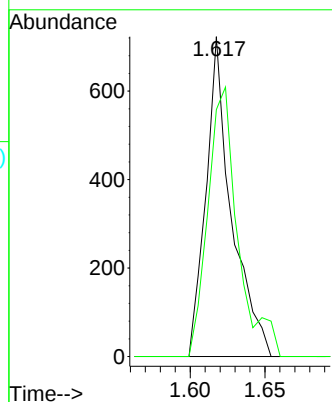
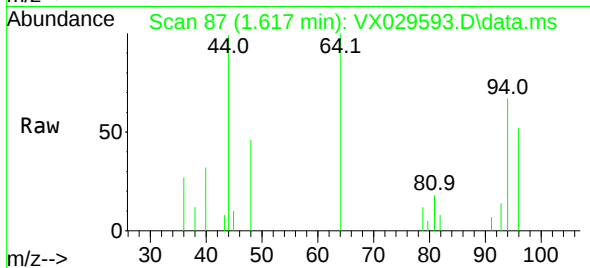




#5
Bromomethane
Concen: 0.480 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

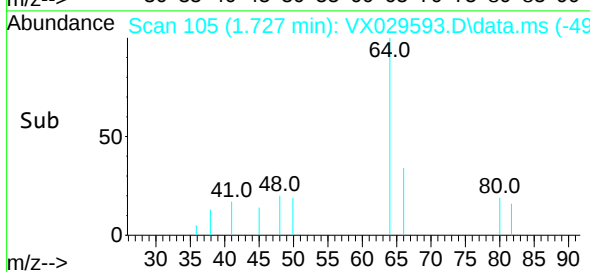
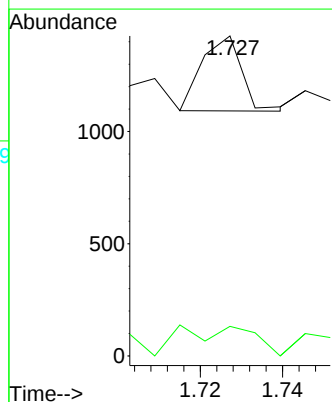
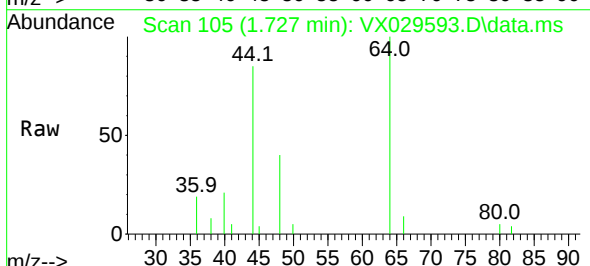
Instrument :
MSVOA_X
ClientSampleId :
MW-24

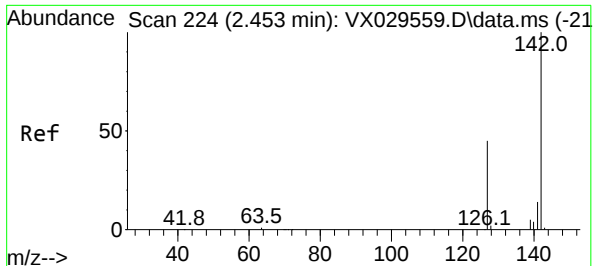
Tgt Ion: 94 Resp: 855
Ion Ratio Lower Upper
94 100
96 77.2 75.3 112.9



#6
Chloroethane
Concen: 1.373 ug/l
RT: 1.727 min Scan# 105
Delta R.T. 0.042 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

Tgt Ion: 64 Resp: 225
Ion Ratio Lower Upper
64 100
66 39.6 25.3 37.9#

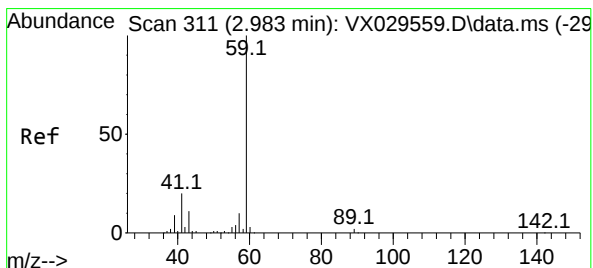
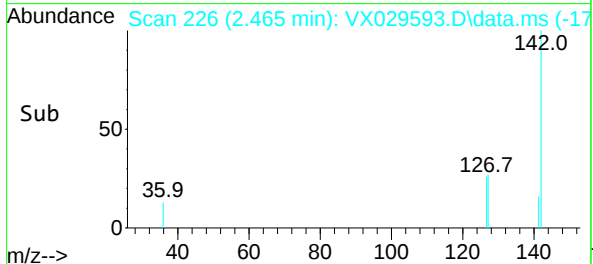
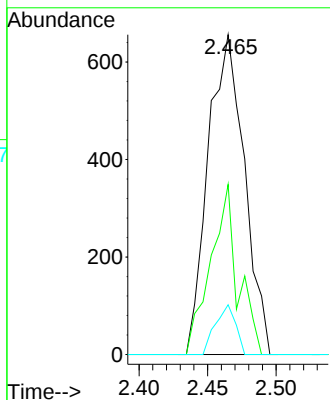
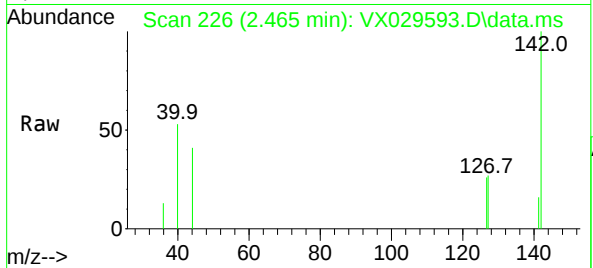




#10
Methyl Iodide
Concen: 3.344 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

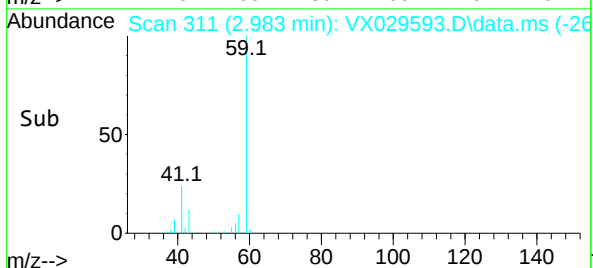
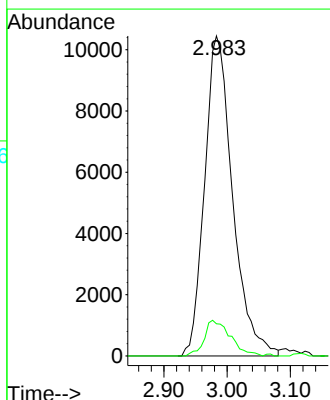
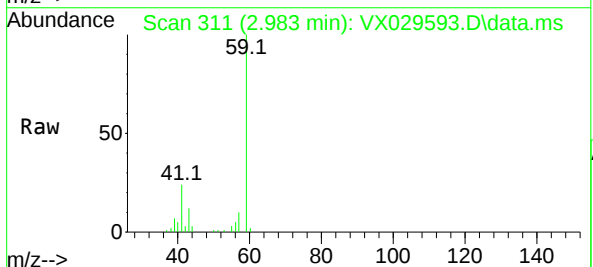
Instrument :
MSVOA_X
ClientSampleId :
MW-24

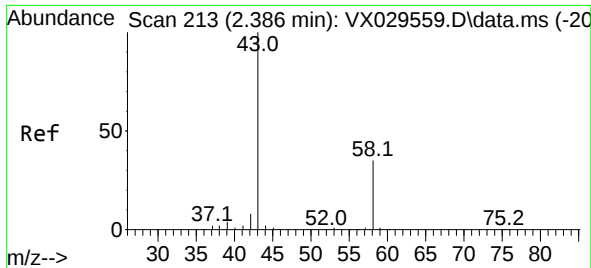
Tgt Ion:142 Resp: 1207
Ion Ratio Lower Upper
142 100
127 40.0 33.9 50.9
141 8.7 11.4 17.2#



#11
Tert butyl alcohol
Concen: 30.195 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

Tgt Ion: 59 Resp: 32147
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

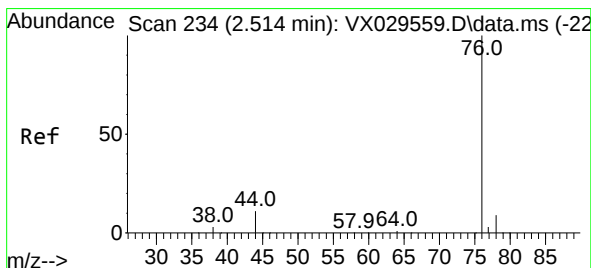
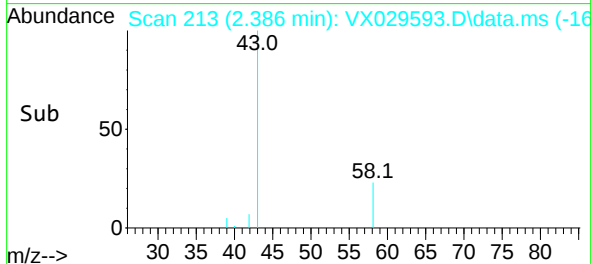
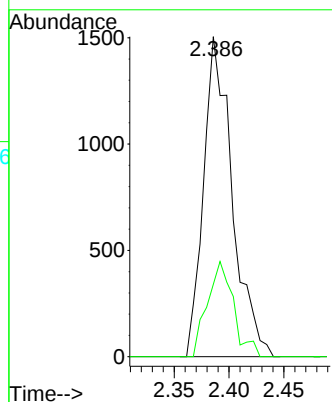
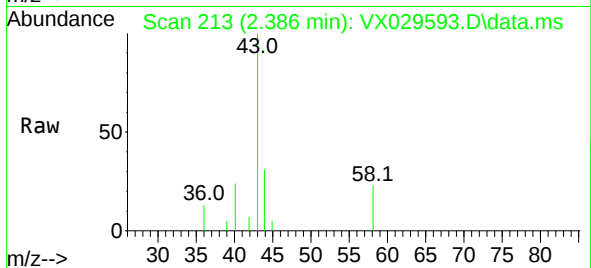




#16
Acetone
Concen: 1.780 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

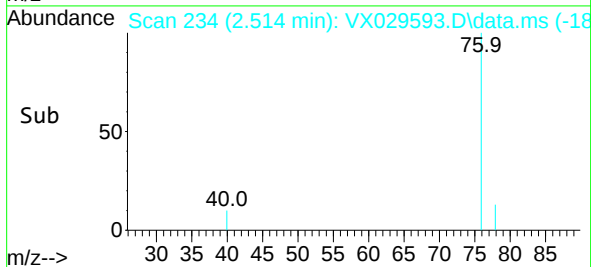
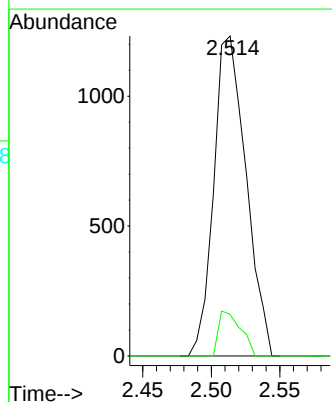
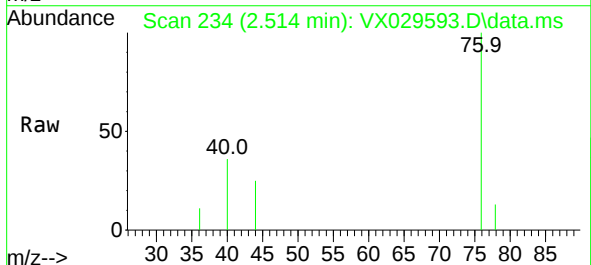
Instrument :
MSVOA_X
ClientSampleId :
MW-24

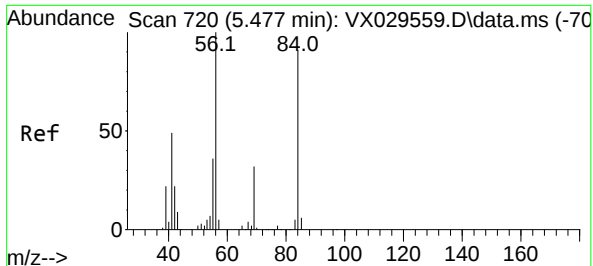
Tgt Ion: 43 Resp: 2731
Ion Ratio Lower Upper
43 100
58 22.6 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.264 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

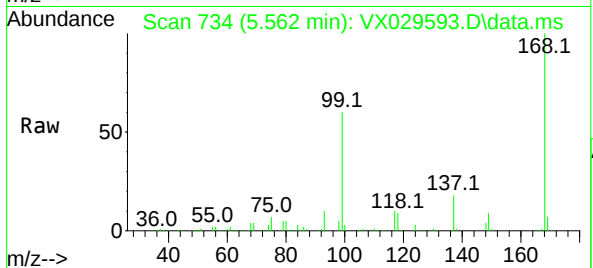
Tgt Ion: 76 Resp: 2018
Ion Ratio Lower Upper
76 100
78 13.0 7.2 10.8#



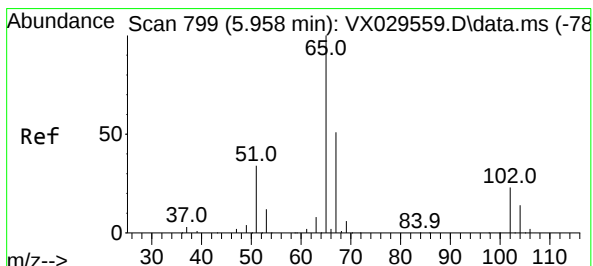
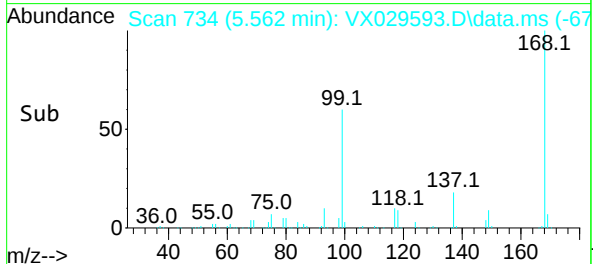
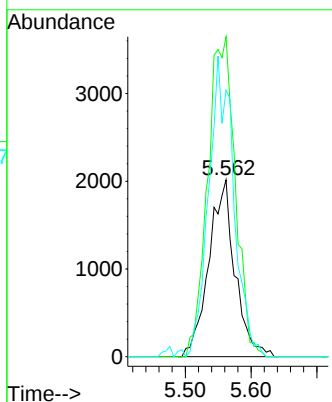


#31
Cyclohexane
Concen: 1.081 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

Instrument :
MSVOA_X
ClientSampleId :
MW-24

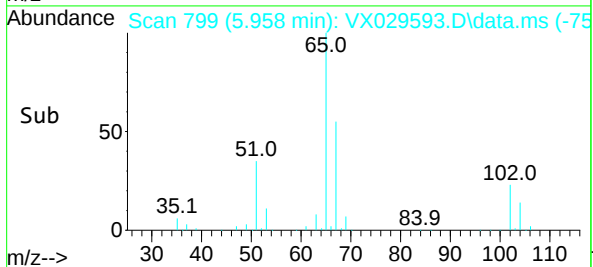
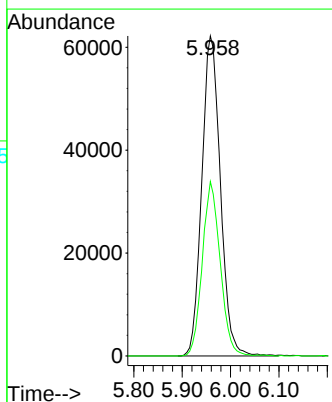
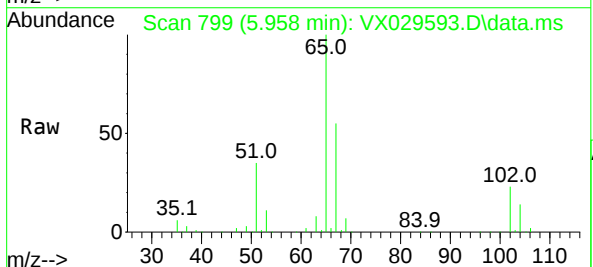


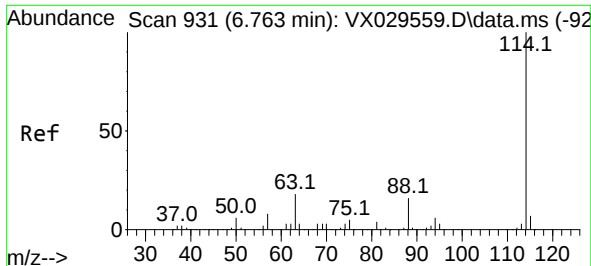
Tgt Ion: 56 Resp: 5586
Ion Ratio Lower Upper
56 100
69 181.0 26.7 40.1#
84 150.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 43.176 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

Tgt Ion: 65 Resp: 166164
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4

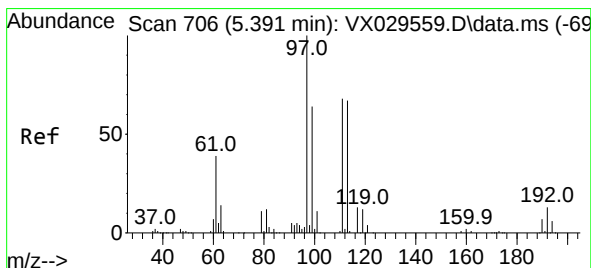
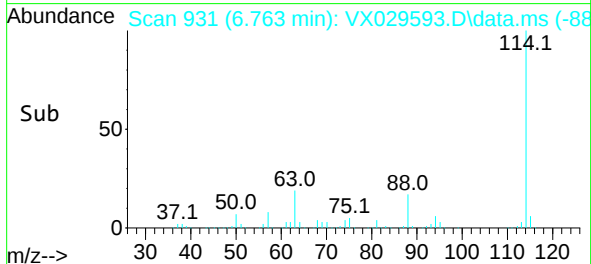
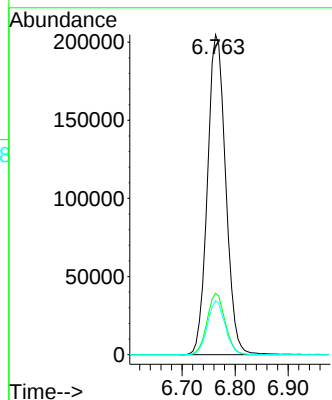
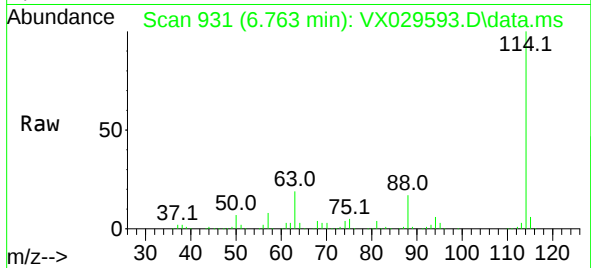




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

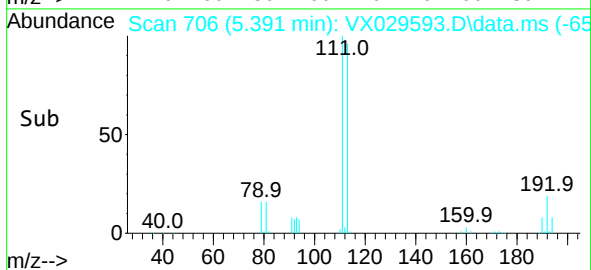
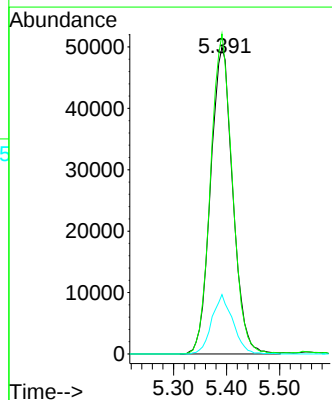
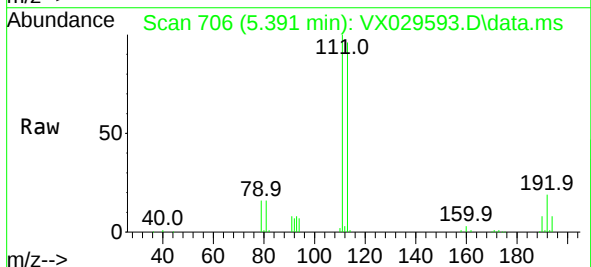
Instrument :
MSVOA_X
ClientSampleId :
MW-24

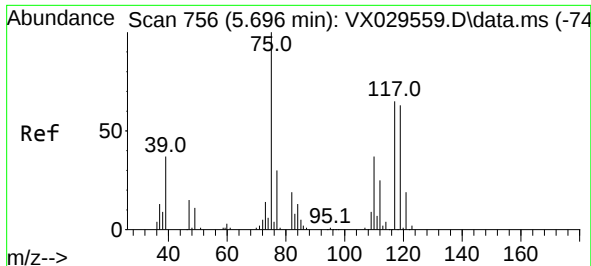
Tgt Ion:114 Resp: 488890
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.570 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

Tgt Ion:113 Resp: 145187
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 18.5 16.9 25.3

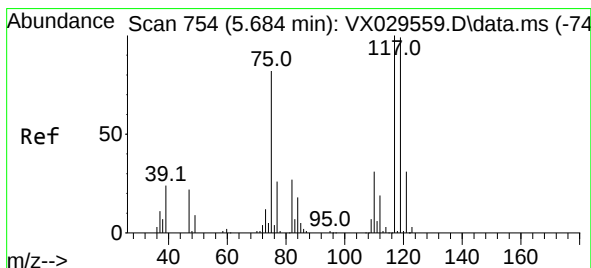
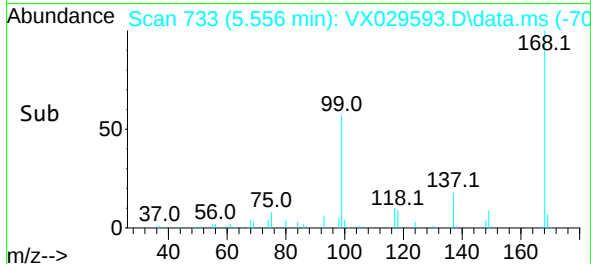
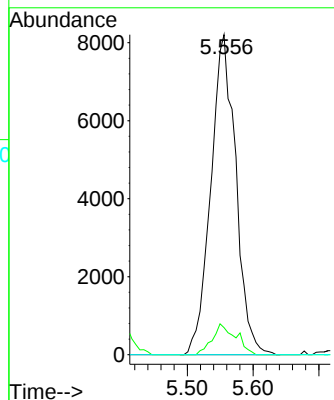
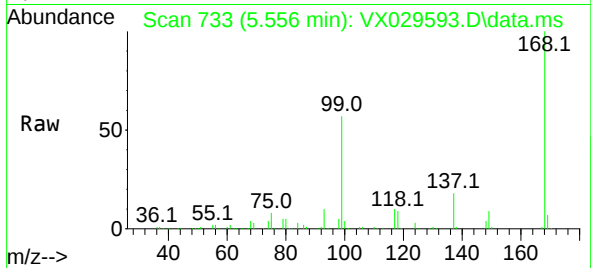




#36
 1,1-Dichloropropene
 Concen: 5.033 ug/l
 RT: 5.556 min Scan# 713
 Delta R.T. -0.140 min
 Lab File: VX029593.D
 Acq: 19 Jun 2022 01:07

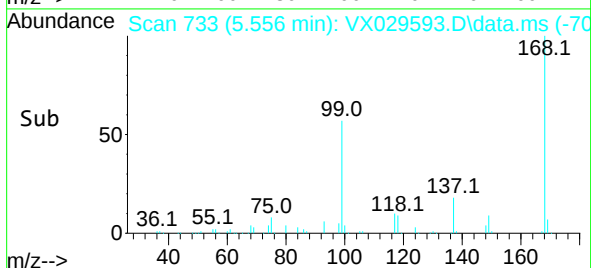
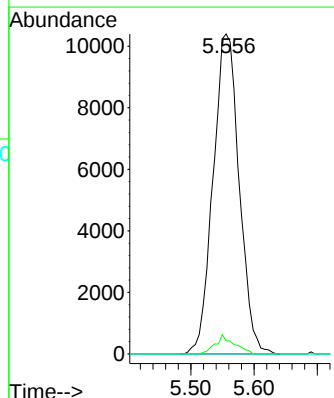
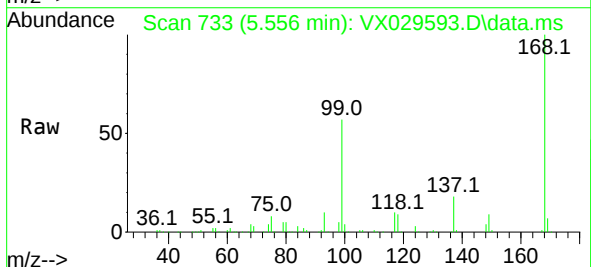
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

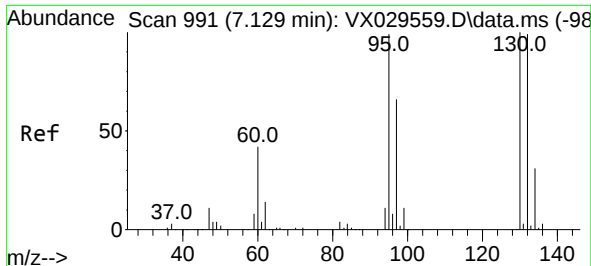
Tgt Ion: 75 Resp: 21703
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.3 54.8#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 7.023 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.128 min
 Lab File: VX029593.D
 Acq: 19 Jun 2022 01:07

Tgt Ion: 117 Resp: 29779
 Ion Ratio Lower Upper
 117 100
 119 4.1 77.3 115.9#
 121 0.0 24.2 36.2#

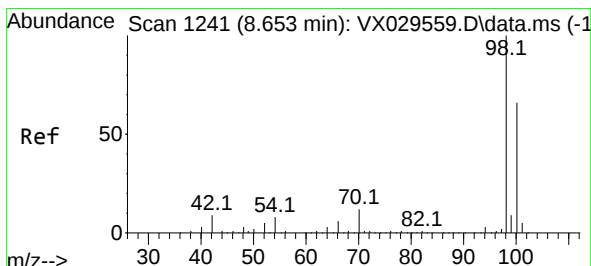
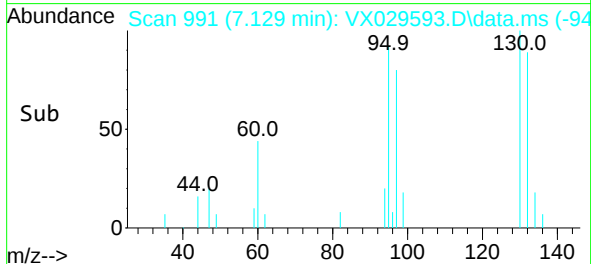
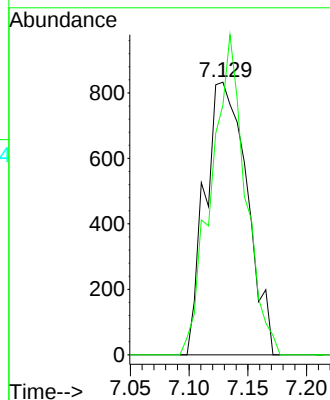
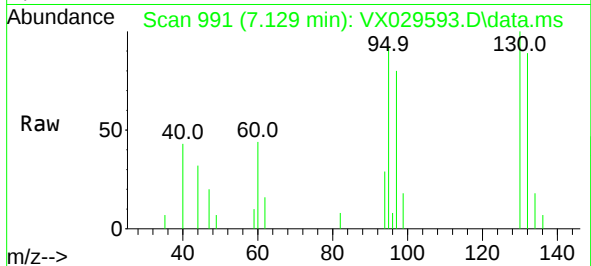




#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

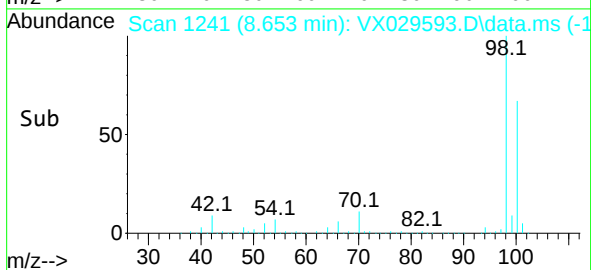
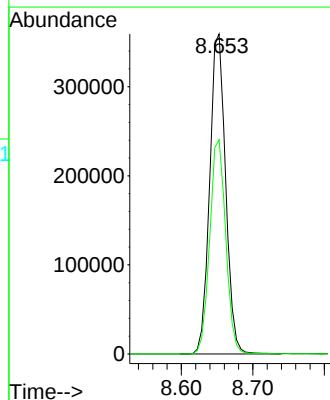
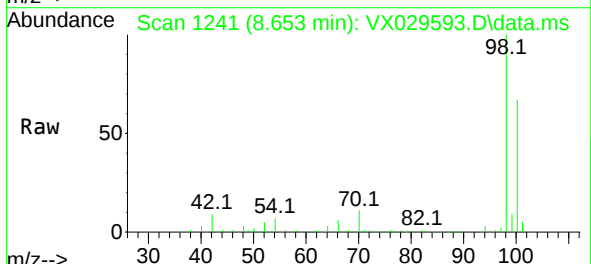
Instrument :
MSVOA_X
ClientSampleId :
MW-24

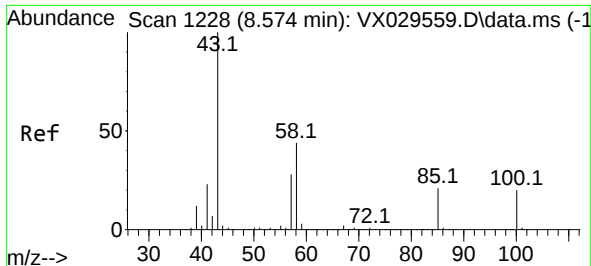
Tgt Ion:130 Resp: 2058
Ion Ratio Lower Upper
130 100
95 91.6 0.0 188.8



#50
Toluene-d8
Concen: 47.774 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

Tgt Ion: 98 Resp: 556048
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.512 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.079 min

Lab File: VX029593.D

Acq: 19 Jun 2022 01:07

Instrument :

MSVOA_X

ClientSampleId :

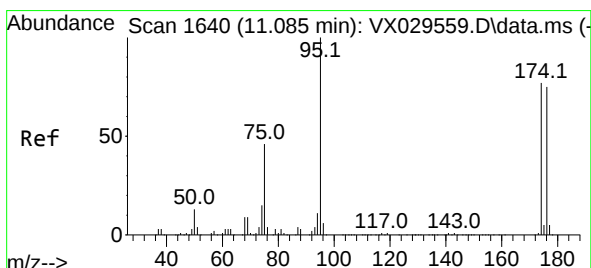
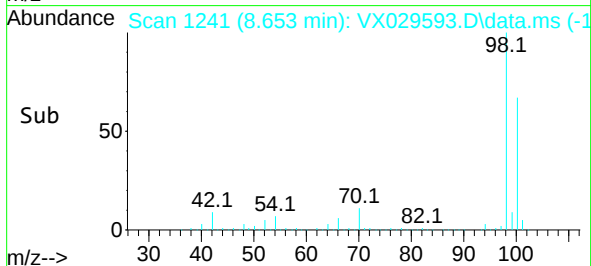
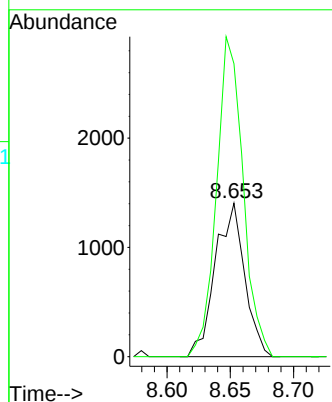
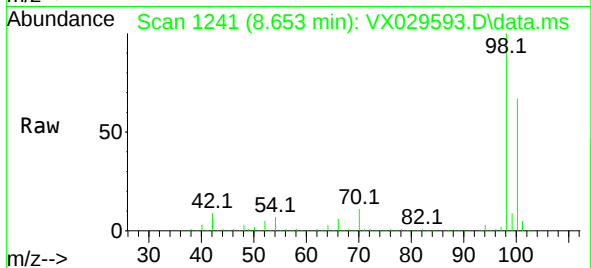
MW-24

Tgt Ion: 43 Resp: 2270

Ion Ratio Lower Upper

43 100

58 188.1 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 46.258 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX029593.D

Acq: 19 Jun 2022 01:07

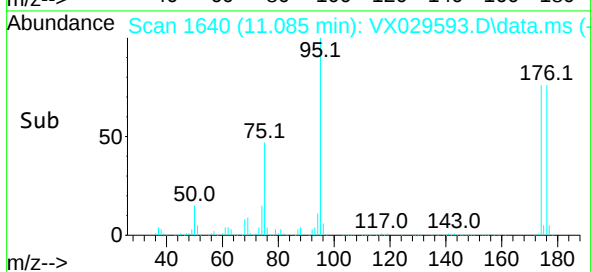
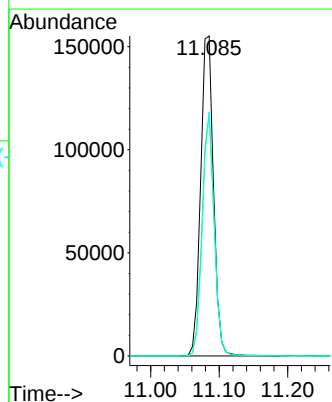
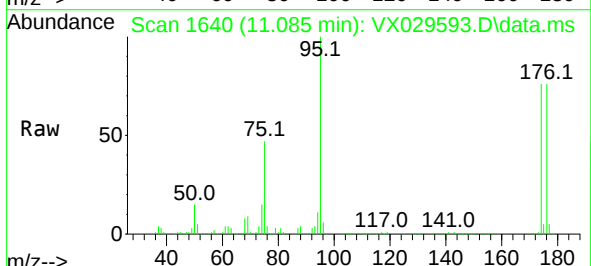
Tgt Ion: 95 Resp: 203037

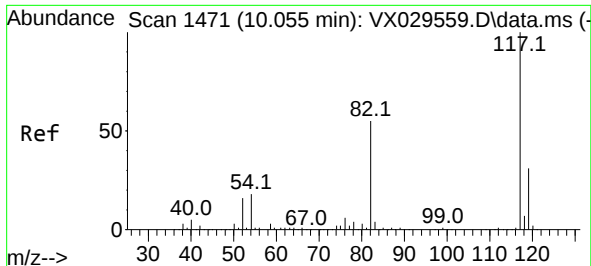
Ion Ratio Lower Upper

95 100

174 71.5 0.0 163.0

176 70.1 0.0 155.0

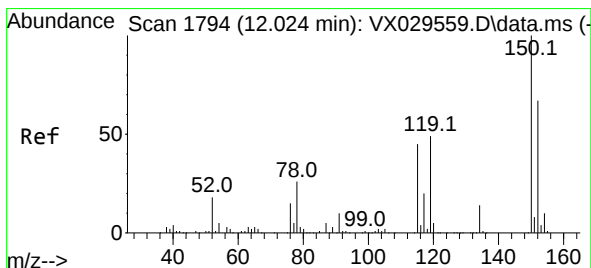
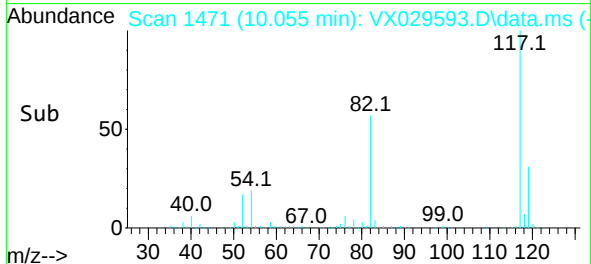
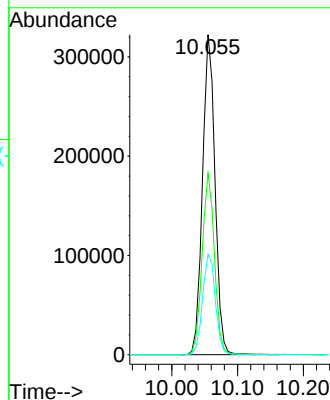
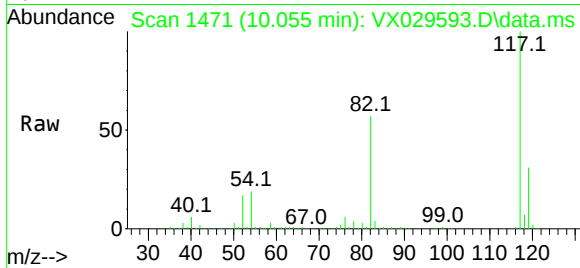




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

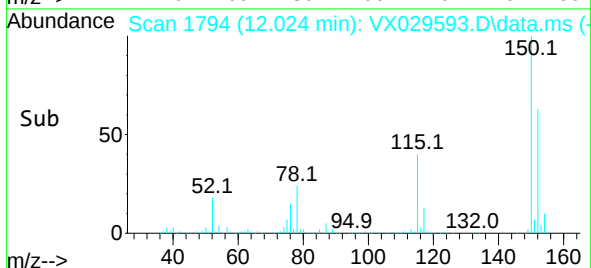
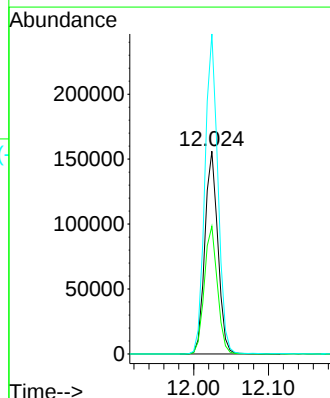
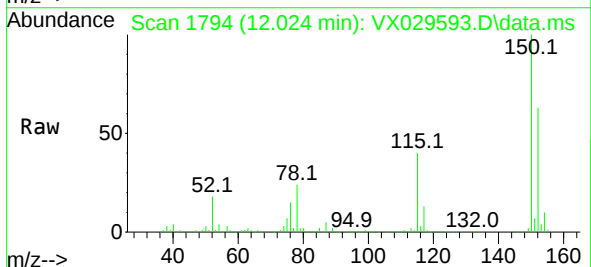
Instrument :
MSVOA_X
ClientSampleId :
MW-24

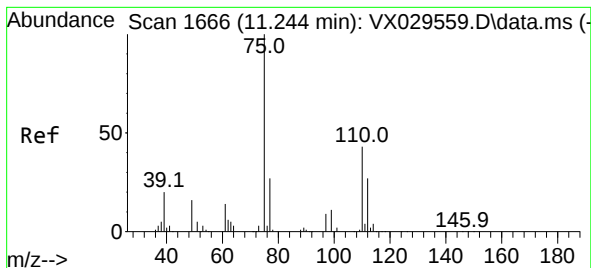
Tgt Ion:117 Resp: 425923
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 31.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029593.D
Acq: 19 Jun 2022 01:07

Tgt Ion:152 Resp: 188378
Ion Ratio Lower Upper
152 100
115 63.4 37.5 112.7
150 157.7 0.0 338.2





#76

1,2,3-Trichloropropane

Concen: 23.702 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.165 min

Lab File: VX029593.D

Acq: 19 Jun 2022 01:07

Instrument :

MSVOA_X

ClientSampleId :

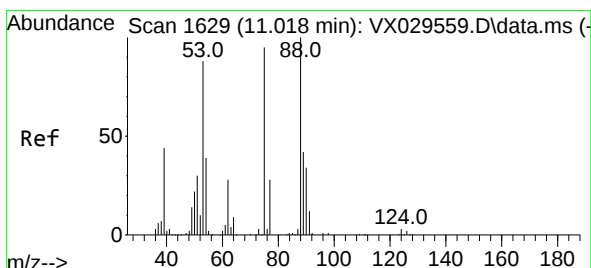
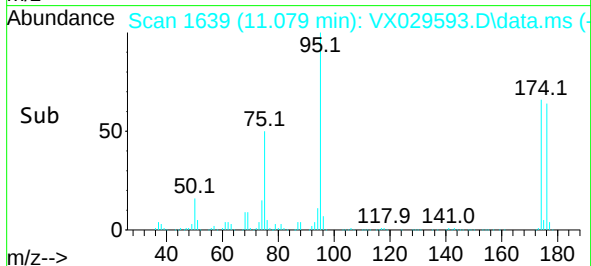
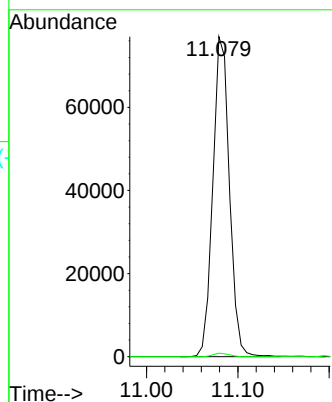
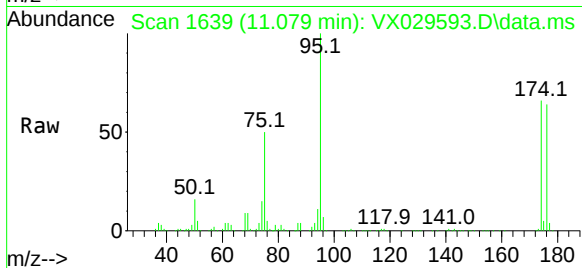
MW-24

Tgt Ion: 75 Resp: 97268

Ion Ratio Lower Upper

75 100

77 1.0 19.4 58.2#



#81

trans-1,4-Dichloro-2-butene

Concen: 78.850 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX029593.D

Acq: 19 Jun 2022 01:07

Tgt Ion: 75 Resp: 97268

Ion Ratio Lower Upper

75 100

53 0.0 69.0 103.4#

89 0.0 37.0 55.6#

