

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062122\
 Data File : VX029679.D
 Acq On : 21 Jun 2022 21:59
 Operator : JC/MD
 Sample : N3286-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jun 22 01:13:52 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)

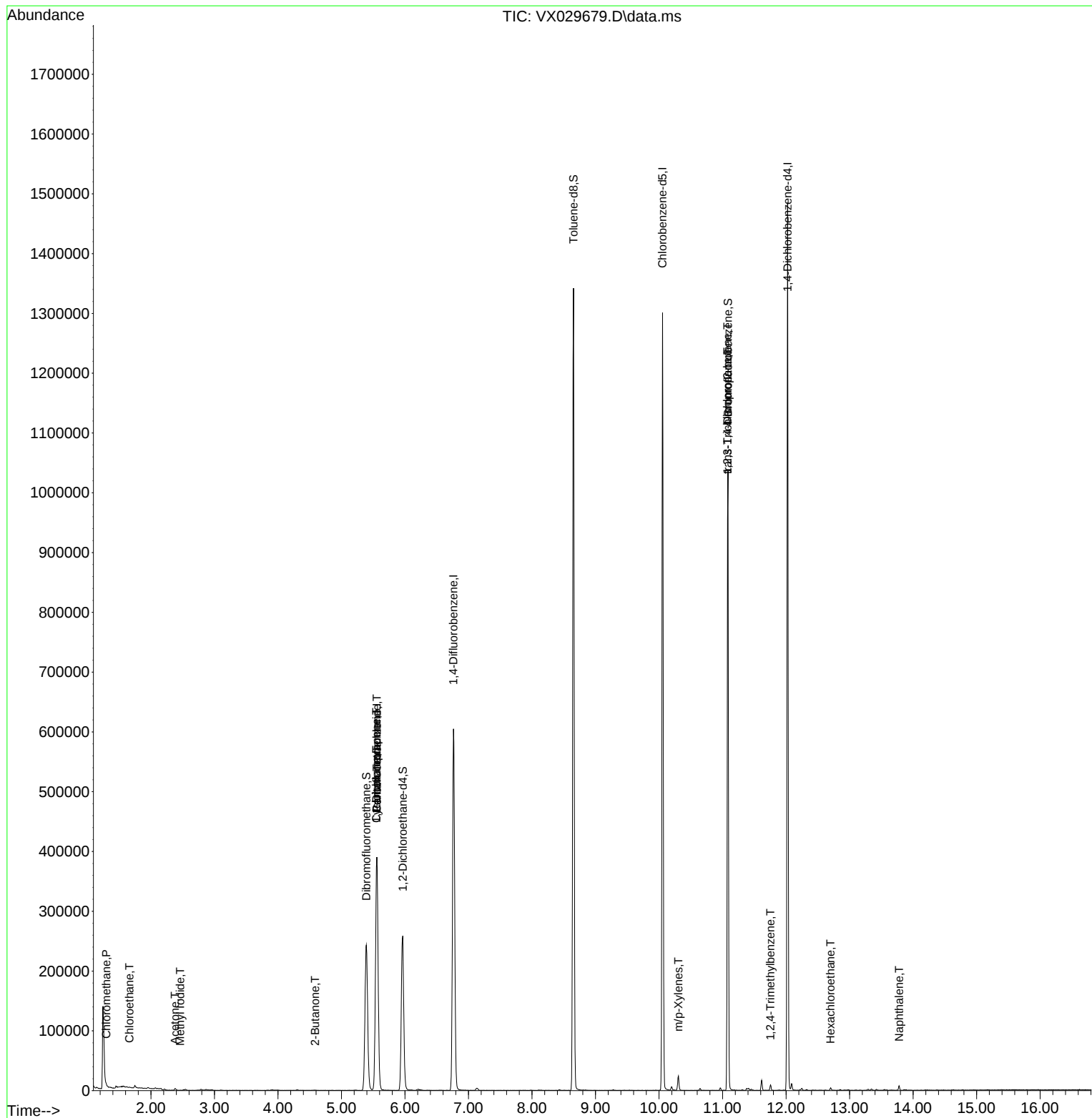
Internal Standards						
1) Pentafluorobenzene	5.556	168	376994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	653764	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	598851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	301544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	248865	49.869	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.740%
35) Dibromofluoromethane	5.391	113	222829	52.301	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.600%
50) Toluene-d8	8.653	98	816413	52.454	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.900%
62) 4-Bromofluorobenzene	11.085	95	302724	51.576	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.160%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	988	0.201	ug/l #	79
6) Chloroethane	1.660	64	545	1.442	ug/l #	43
10) Methyl Iodide	2.459	142	199	3.059	ug/l #	70
11) Tert butyl alcohol	2.959	59	938	Below Cal	#	72
16) Acetone	2.380	43	2852	1.434	ug/l	98
25) 2-Butanone	4.586	43	744	0.237	ug/l #	44
31) Cyclohexane	5.550	56	7018	1.047	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	27843	4.829	ug/l #	49
38) Carbon Tetrachloride	5.556	117	38313	6.757	ug/l #	15
44) Trichloroethene	7.135	130	1842	Below Cal		83
68) m/p-Xylenes	10.305	106	6070	0.736	ug/l	94
76) 1,2,3-Trichloropropane	11.079	75	142454	21.685	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	142454	72.142	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	4461	0.235	ug/l	99
90) Hexachloroethane	12.701	117	1851	0.671	ug/l #	10
95) Naphthalene	13.780	128	5015	0.237	ug/l	97

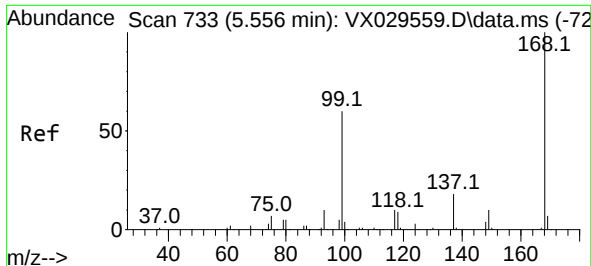
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 22 01:13:52 2022
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QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

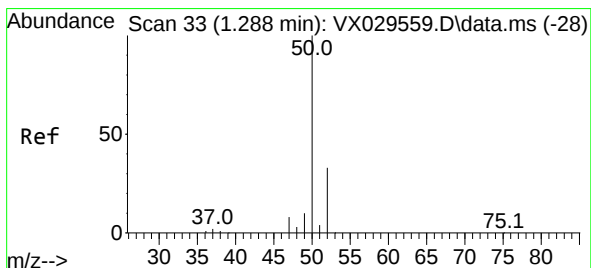
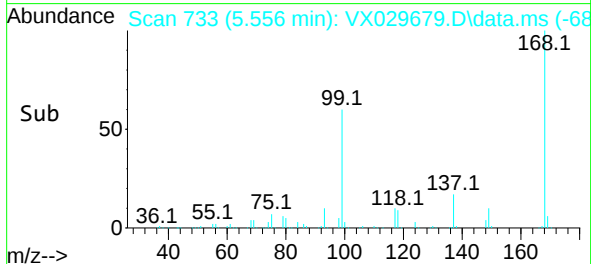
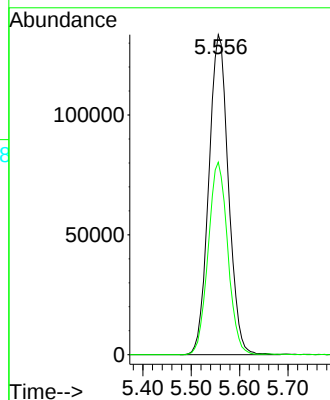
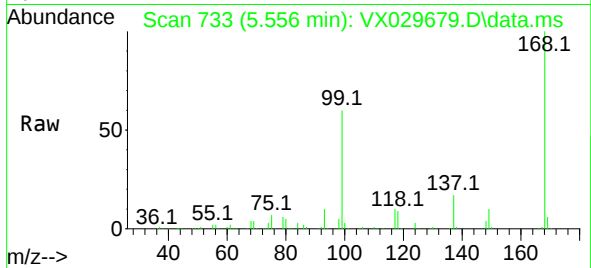




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

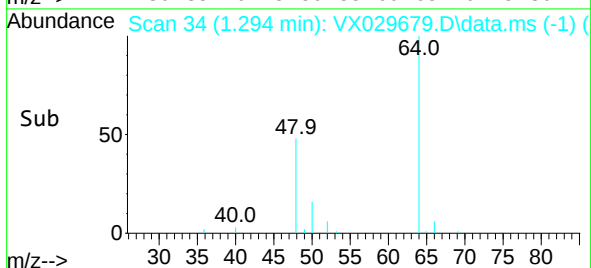
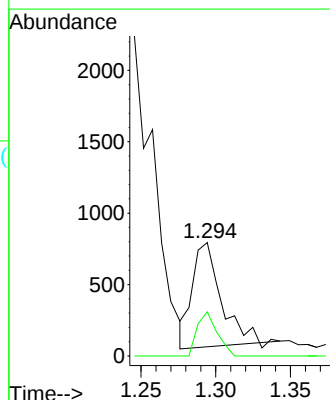
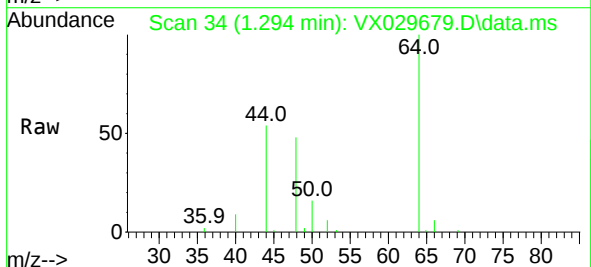
Instrument :
MSVOA_X
ClientSampleId :
MW-3

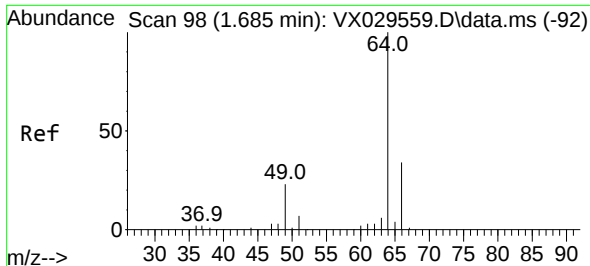
Tgt Ion:168 Resp: 376994
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

Tgt Ion: 50 Resp: 988
Ion Ratio Lower Upper
50 100
52 44.9 26.4 39.6#

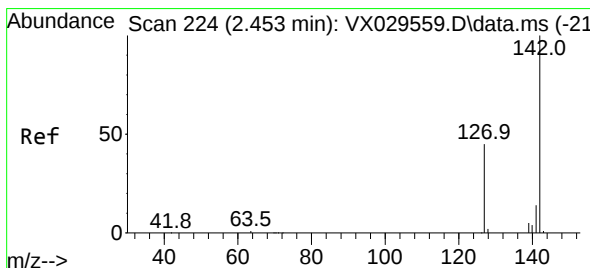
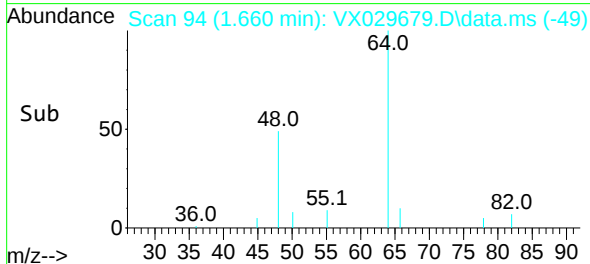
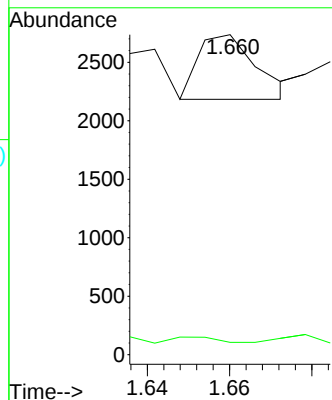
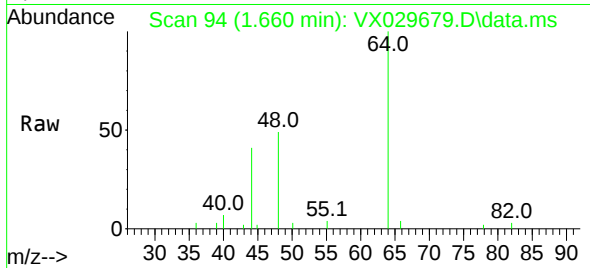




#6
Chloroethane
Concen: 1.442 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

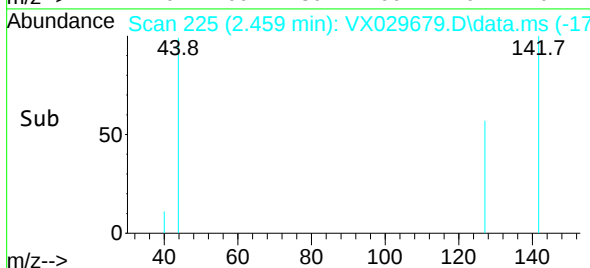
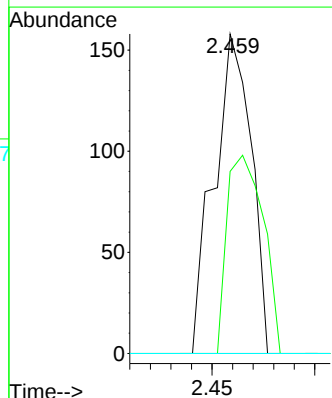
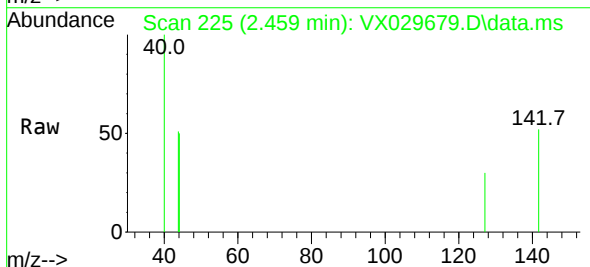
Instrument :
MSVOA_X
ClientSampleId :
MW-3

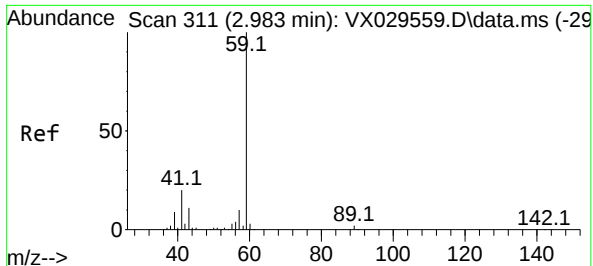
Tgt Ion: 64 Resp: 545
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 3.059 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

Tgt Ion: 142 Resp: 199
Ion Ratio Lower Upper
142 100
127 60.8 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.959 min Scan# 30

Delta R.T. -0.024 min

Lab File: VX029679.D

Acq: 21 Jun 2022 21:59

Instrument :

MSVOA_X

ClientSampleId :

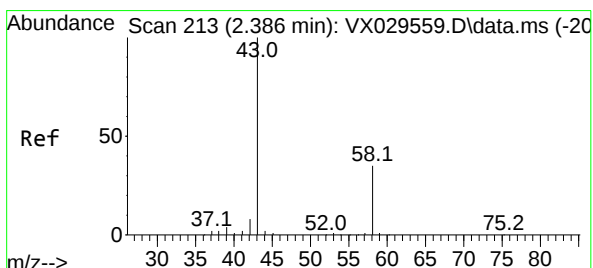
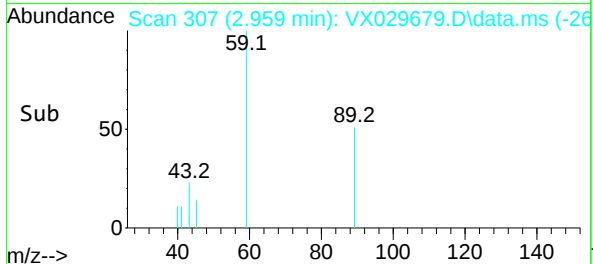
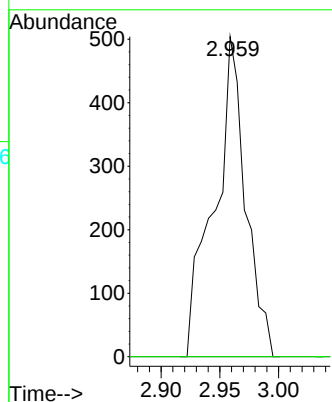
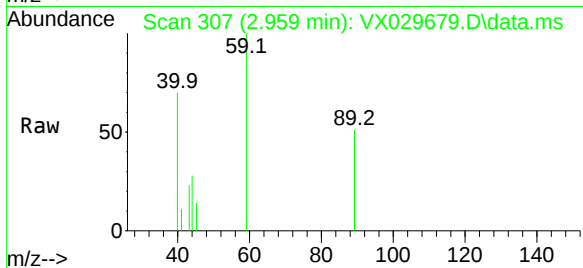
MW-3

Tgt Ion: 59 Resp: 938

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 1.434 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX029679.D

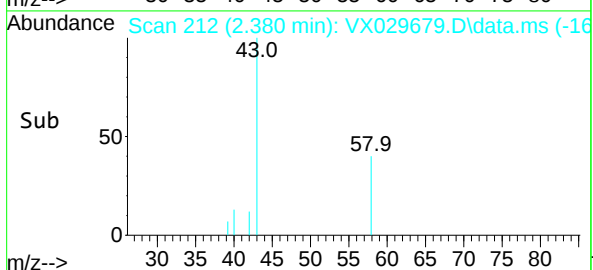
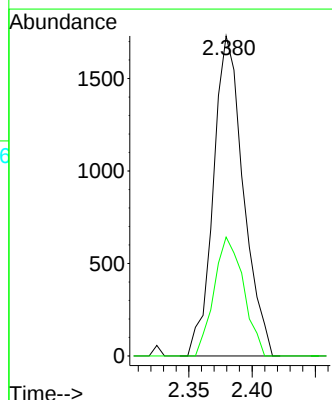
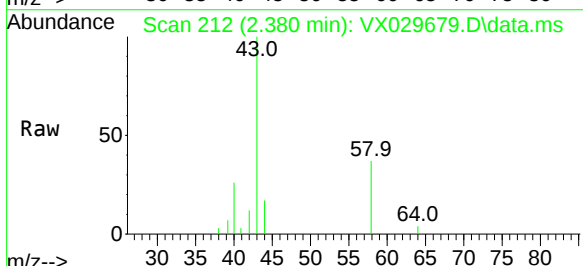
Acq: 21 Jun 2022 21:59

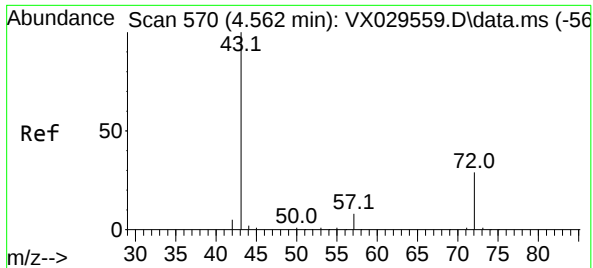
Tgt Ion: 43 Resp: 2852

Ion Ratio Lower Upper

43 100

58 37.2 28.8 43.2

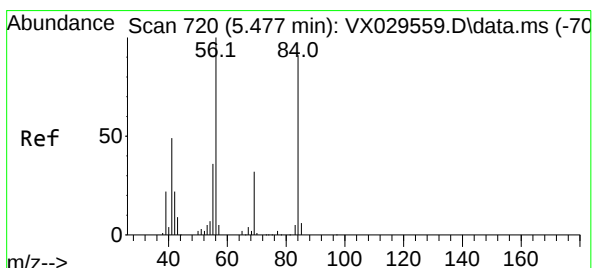
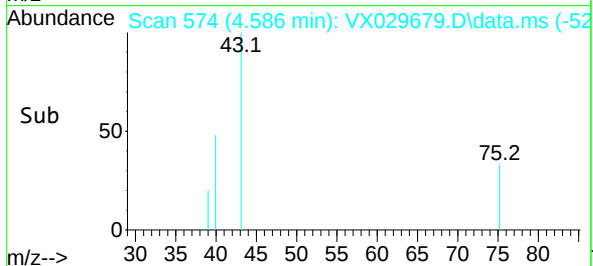
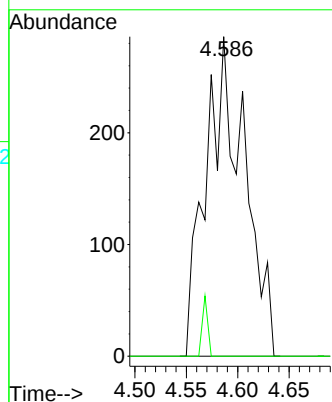
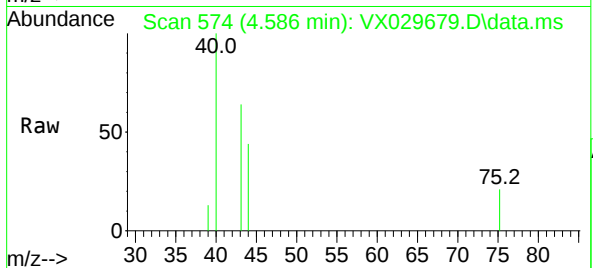




#25
2-Butanone
Concen: 0.237 ug/l
RT: 4.586 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

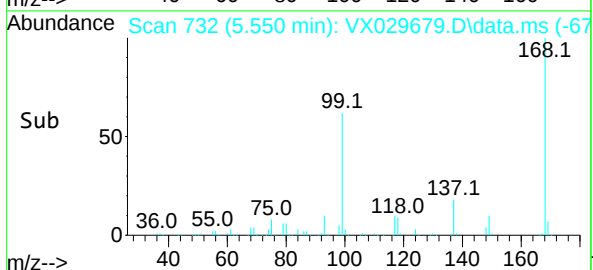
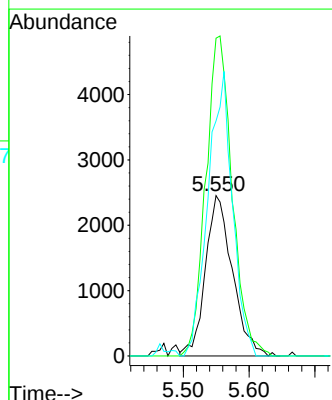
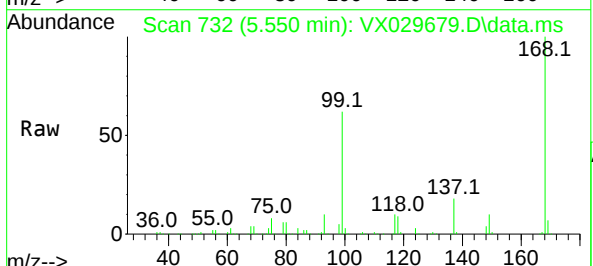
Instrument :
MSVOA_X
ClientSampleId :
MW-3

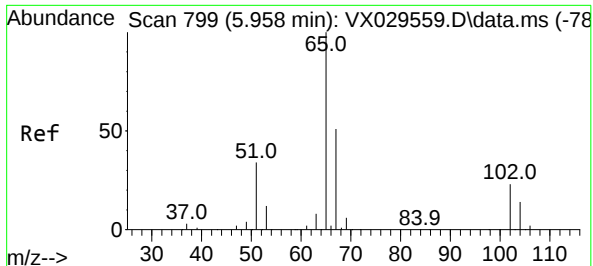
Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
72 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.047 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

Tgt Ion: 56 Resp: 7018
Ion Ratio Lower Upper
56 100
69 198.2 26.7 40.1#
84 146.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 49.869 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029679.D

Acq: 21 Jun 2022 21:59

Instrument :

MSVOA_X

ClientSampleId :

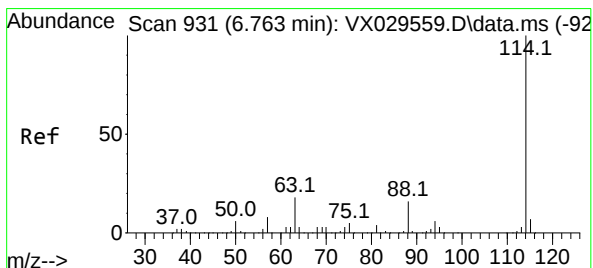
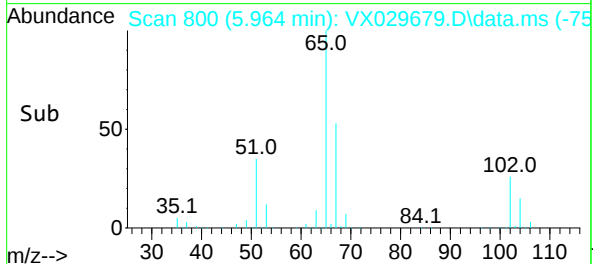
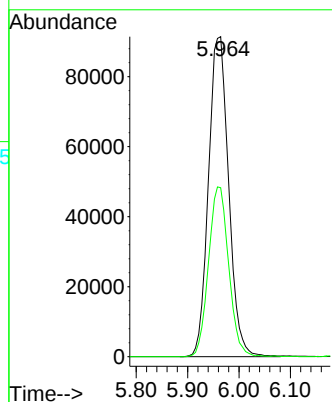
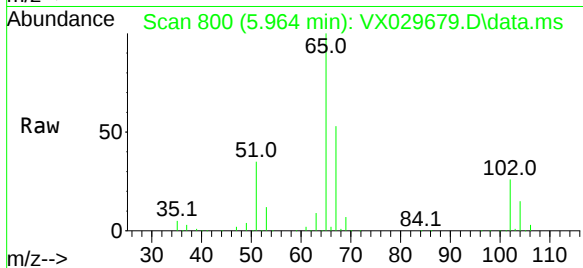
MW-3

Tgt Ion: 65 Resp: 248865

Ion Ratio Lower Upper

65 100

67 53.1 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: VX029679.D

Acq: 21 Jun 2022 21:59

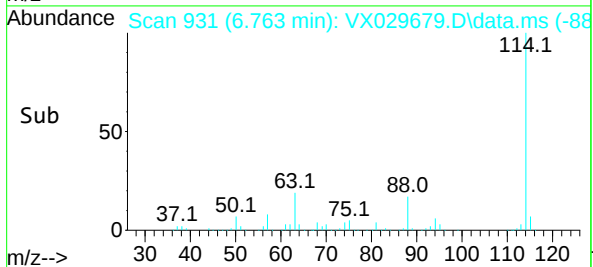
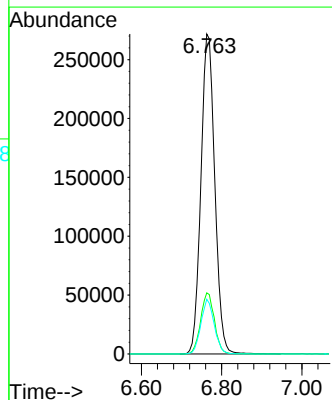
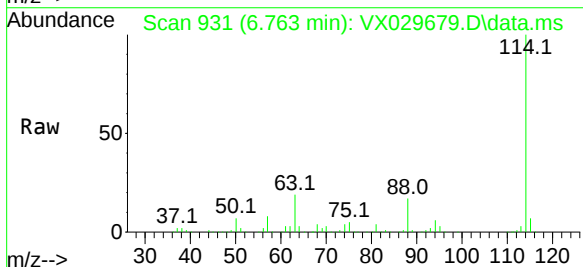
Tgt Ion: 114 Resp: 653764

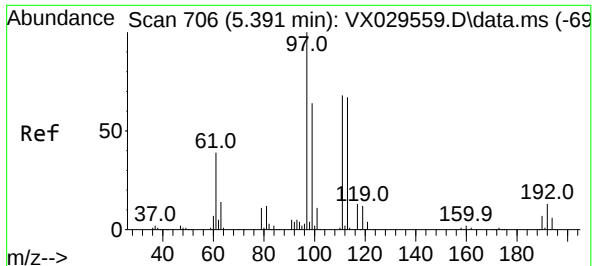
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 17.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.301 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029679.D

Acq: 21 Jun 2022 21:59

Instrument :

MSVOA_X

ClientSampleId :

MW-3

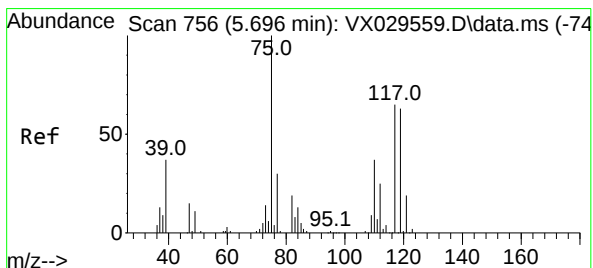
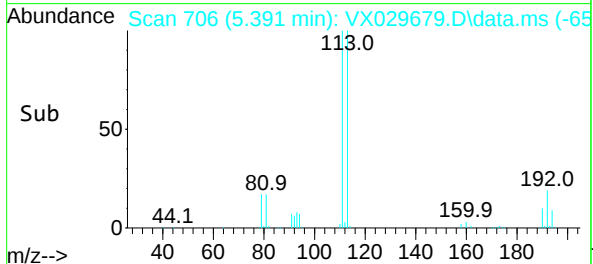
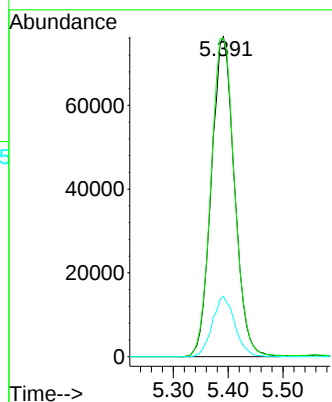
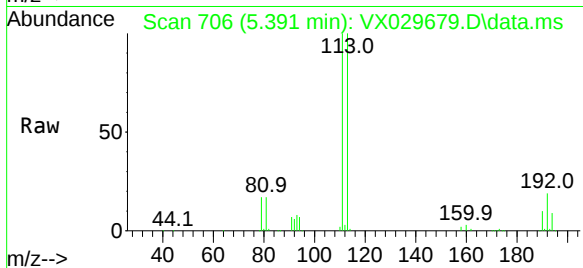
Tgt Ion:113 Resp: 222829

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 18.5 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.829 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029679.D

Acq: 21 Jun 2022 21:59

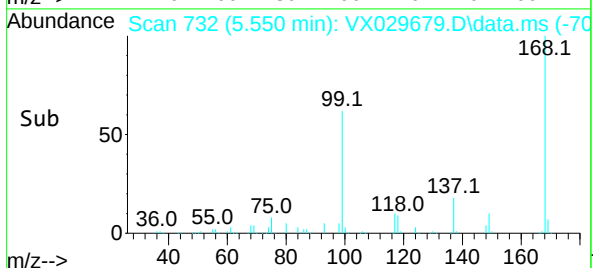
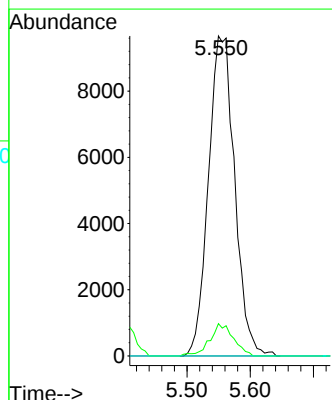
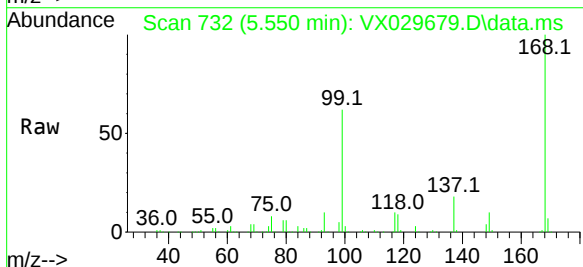
Tgt Ion: 75 Resp: 27843

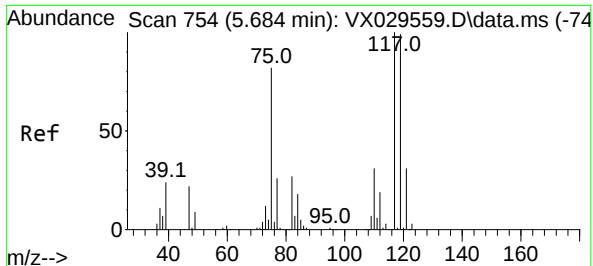
Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

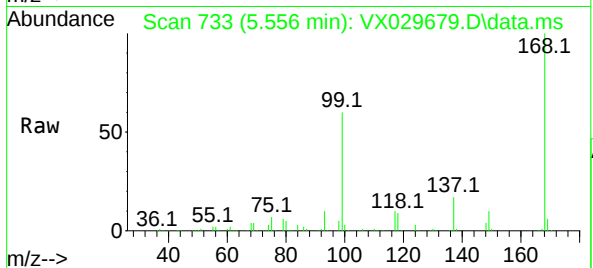
77 0.0 24.8 37.2#



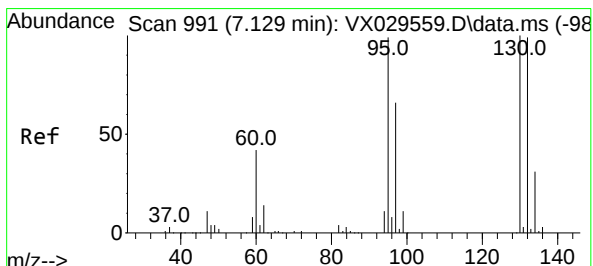
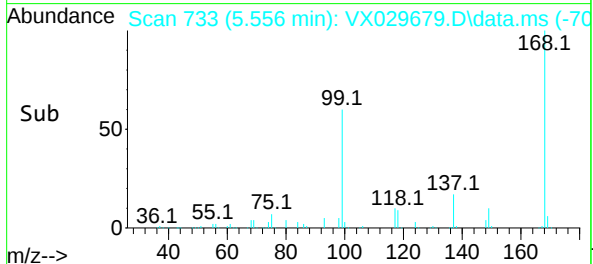
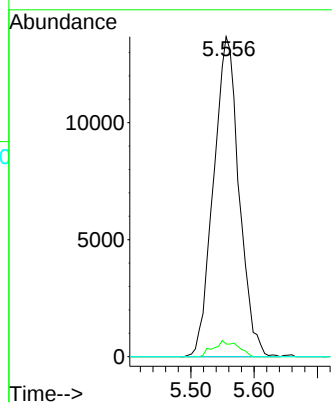


#38
Carbon Tetrachloride
Concen: 6.757 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

Instrument :
MSVOA_X
ClientSampleId :
MW-3

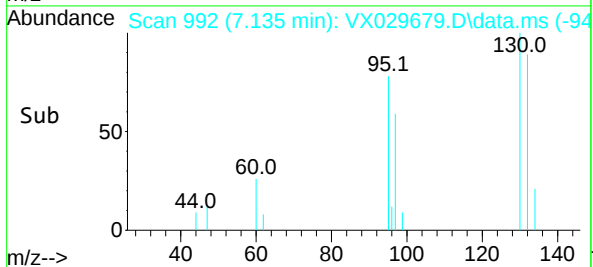
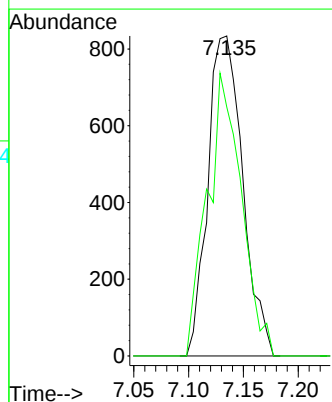
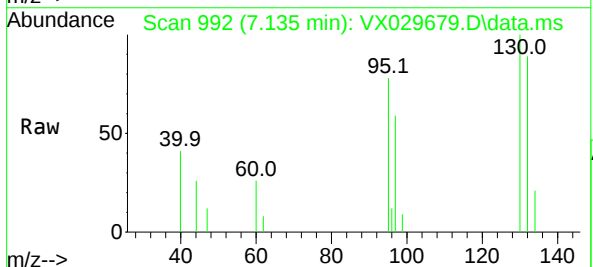


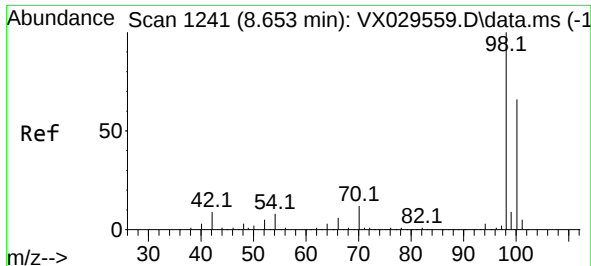
Tgt Ion:117 Resp: 38313
Ion Ratio Lower Upper
117 100
119 4.0 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

Tgt Ion:130 Resp: 1842
Ion Ratio Lower Upper
130 100
95 77.8 0.0 188.8

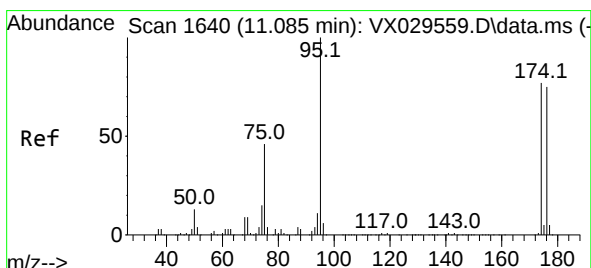
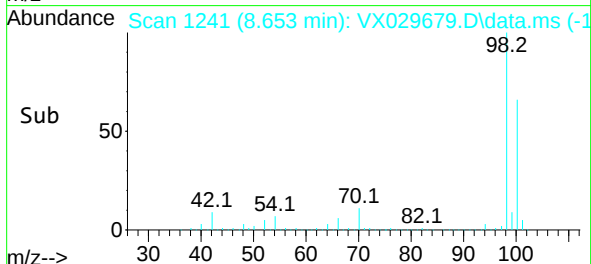
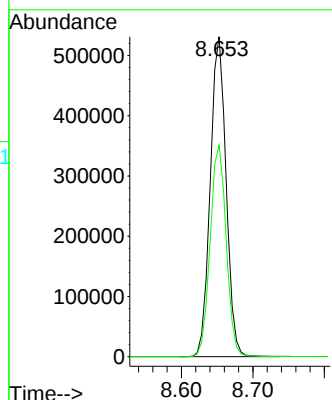
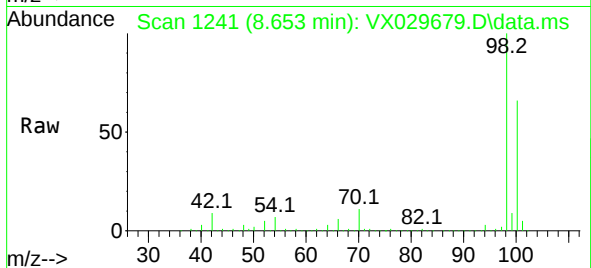




#50
Toluene-d8
Concen: 52.454 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

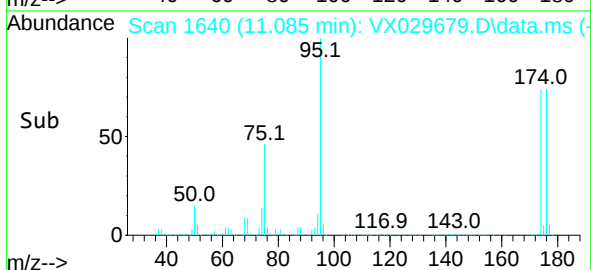
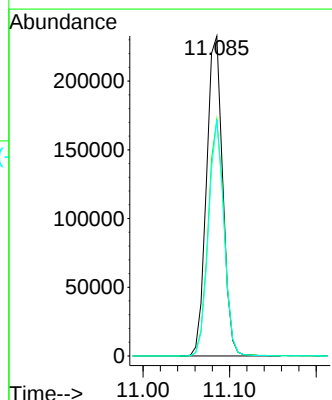
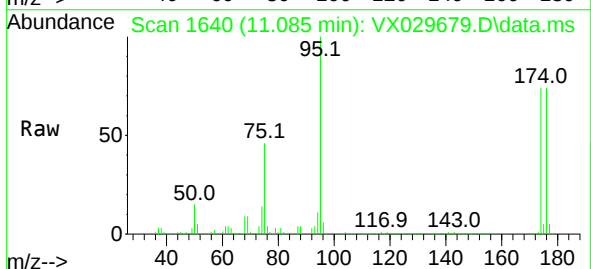
Instrument :
MSVOA_X
ClientSampleId :
MW-3

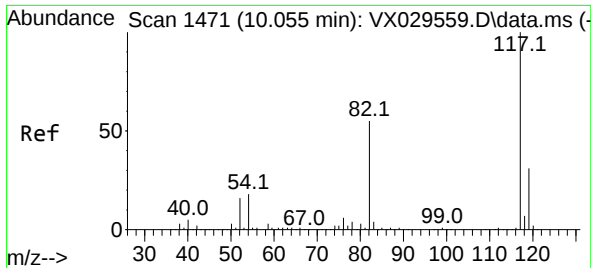
Tgt Ion: 98 Resp: 816413
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.576 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

Tgt Ion: 95 Resp: 302724
Ion Ratio Lower Upper
95 100
174 72.6 0.0 163.0
176 70.2 0.0 155.0

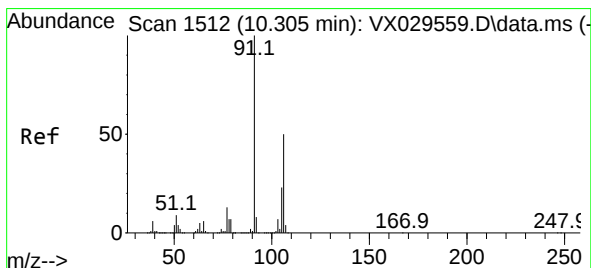
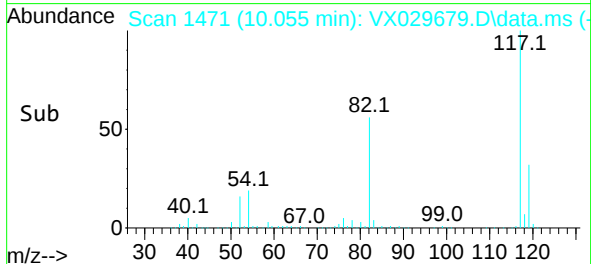
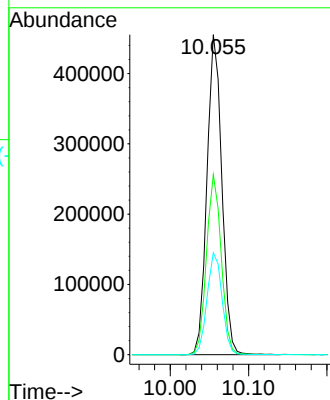
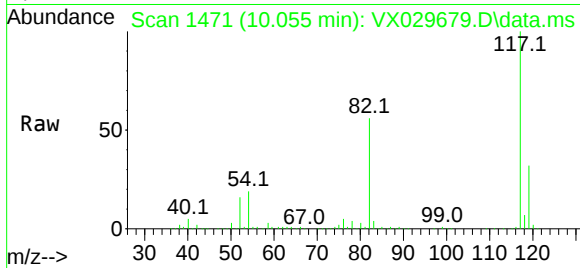




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

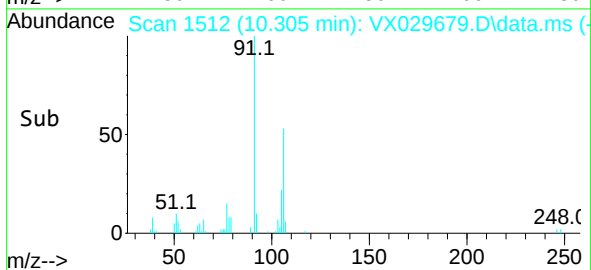
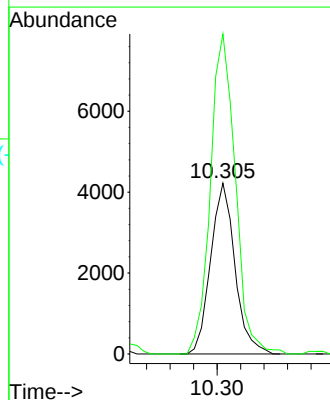
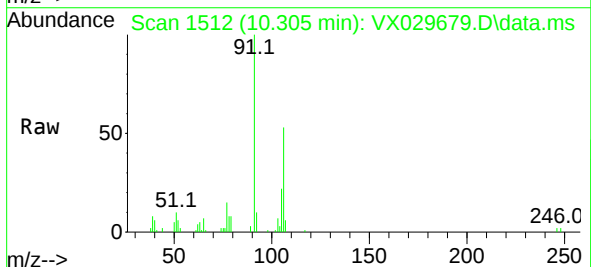
Instrument :
MSVOA_X
ClientSampleId :
MW-3

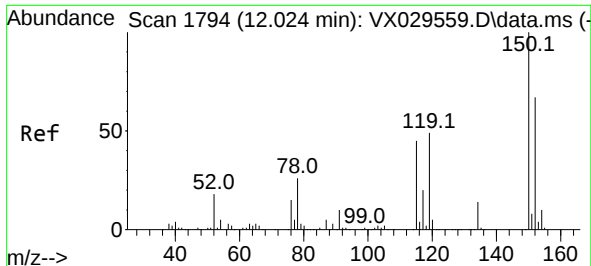
Tgt Ion:117 Resp: 598851
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 31.8 24.8 37.2



#68
m/p-Xylenes
Concen: 0.736 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

Tgt Ion:106 Resp: 6070
Ion Ratio Lower Upper
106 100
91 191.9 160.4 240.6

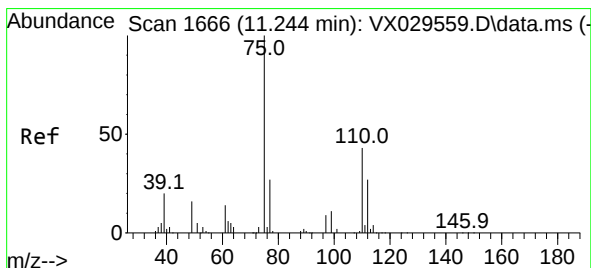
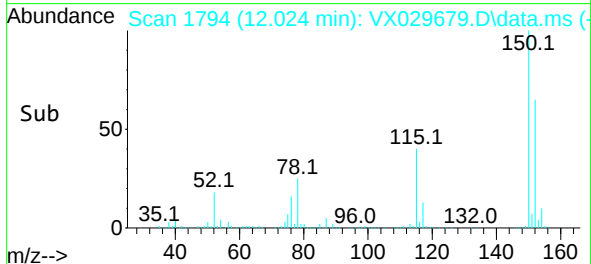
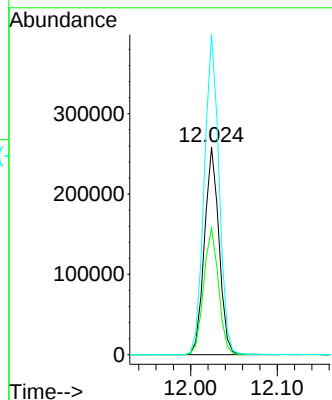
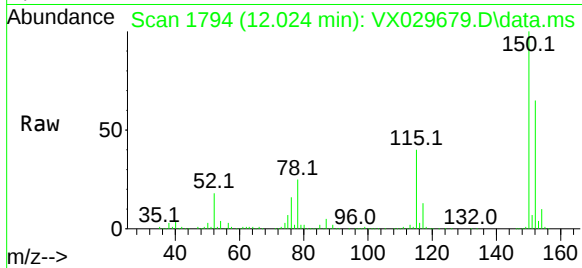




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029679.D
 Acq: 21 Jun 2022 21:59

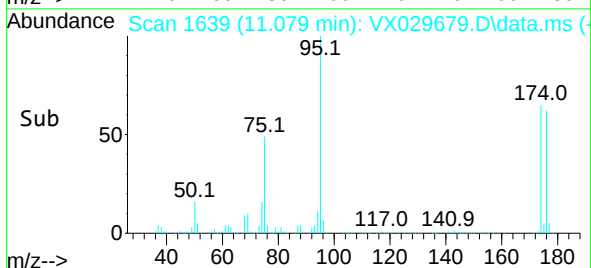
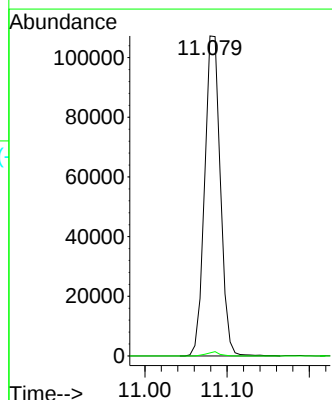
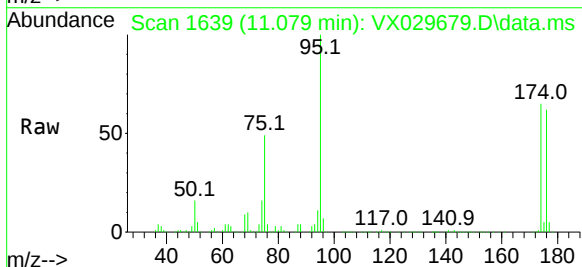
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

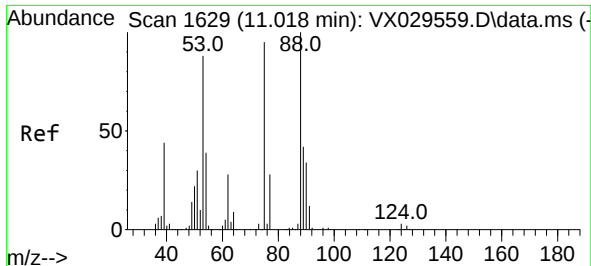
Tgt Ion:152 Resp: 301544
 Ion Ratio Lower Upper
 152 100
 115 62.0 37.5 112.7
 150 156.7 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 21.685 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029679.D
 Acq: 21 Jun 2022 21:59

Tgt Ion: 75 Resp: 142454
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#

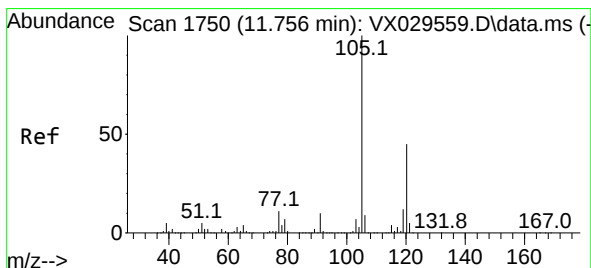
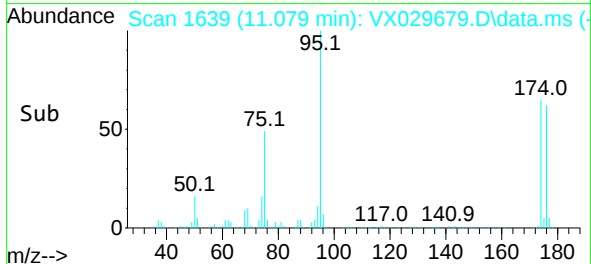
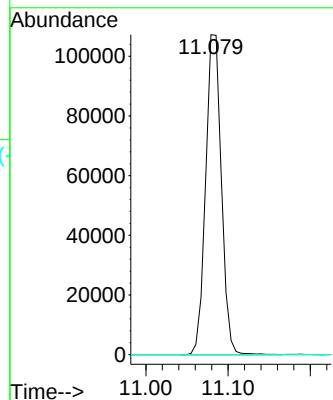
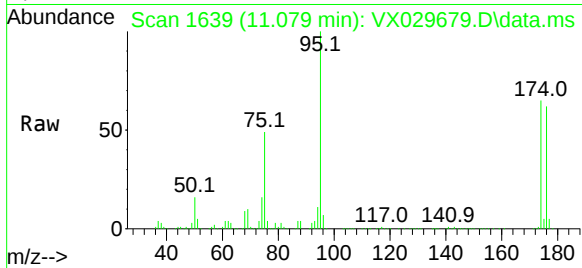




#81
trans-1,4-Dichloro-2-butene
Concen: 72.142 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

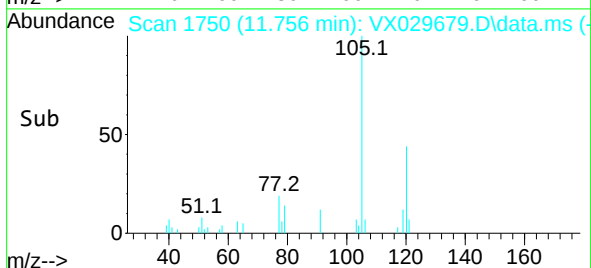
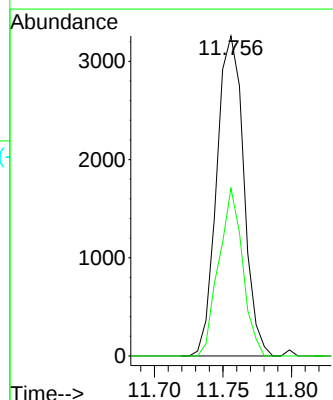
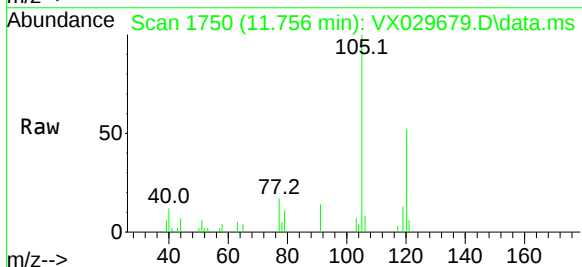
Instrument :
MSVOA_X
ClientSampleId :
MW-3

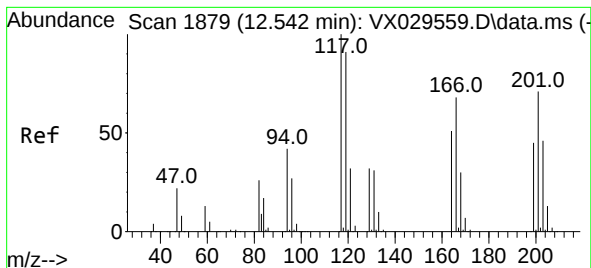
Tgt Ion: 75 Resp: 142454
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.235 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029679.D
Acq: 21 Jun 2022 21:59

Tgt Ion: 105 Resp: 4461
Ion Ratio Lower Upper
105 100
120 46.1 22.6 67.8





#90

Hexachloroethane

Concen: 0.671 ug/l

RT: 12.701 min Scan# 1905

Delta R.T. 0.159 min

Lab File: VX029679.D

Acq: 21 Jun 2022 21:59

Instrument :

MSVOA_X

ClientSampleId :

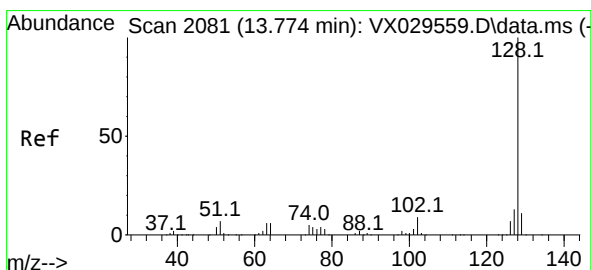
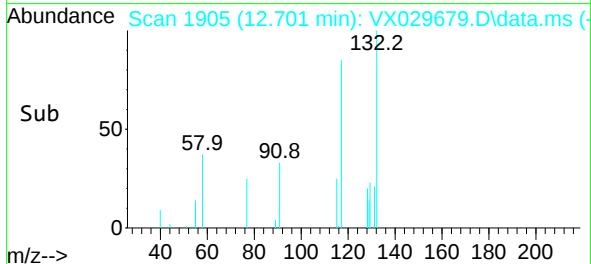
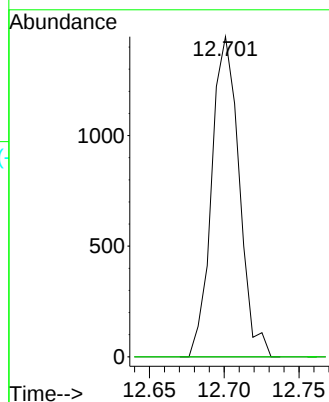
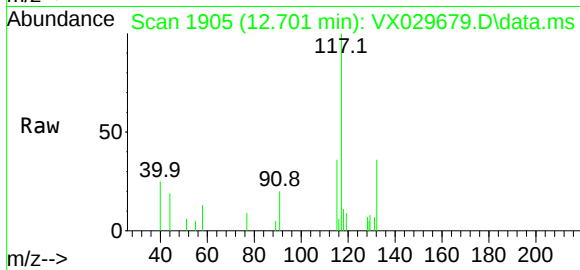
MW-3

Tgt Ion:117 Resp: 1851

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#



#95

Naphthalene

Concen: 0.237 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX029679.D

Acq: 21 Jun 2022 21:59

Tgt Ion:128 Resp: 5015

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 12.1 8.7 13.1

