

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029650.D
 Acq On : 21 Jun 2022 08:51
 Operator : JC/MD
 Sample : N3354-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-57

Quant Time: Jun 21 09:51:41 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)

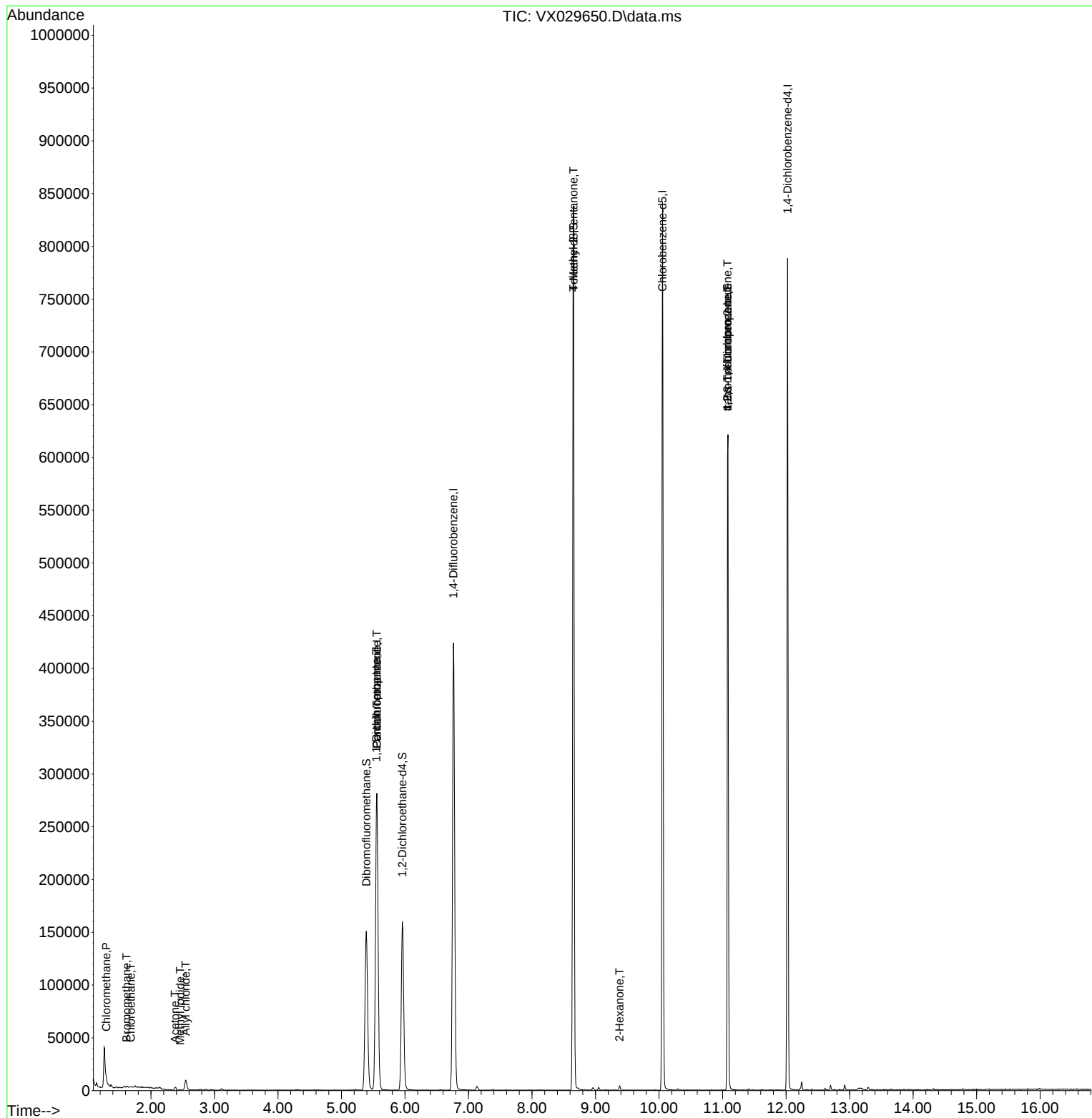
Internal Standards						
1) Pentafluorobenzene	5.556	168	270216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	391684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153318	42.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.720%
35) Dibromofluoromethane	5.391	113	135072	45.600	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.200%
50) Toluene-d8	8.653	98	514992	47.591	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.180%
62) 4-Bromofluorobenzene	11.079	95	178951	43.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1317	0.374	ug/l #	88
5) Bromomethane	1.617	94	644	0.389	ug/l #	72
6) Chloroethane	1.684	64	515	1.490	ug/l #	45
10) Methyl Iodide	2.459	142	434	3.144	ug/l #	88
11) Tert butyl alcohol	2.959	59	639	Below Cal	#	72
14) Allyl chloride	2.544	41	1126	0.255	ug/l #	55
16) Acetone	2.379	43	2955	2.073	ug/l #	88
36) 1,1-Dichloropropene	5.550	75	19839	4.949	ug/l #	49
38) Carbon Tetrachloride	5.556	117	27740	7.036	ug/l #	15
44) Trichloroethene	7.135	130	1590	Below Cal		74
51) 4-Methyl-2-Pentanone	8.653	43	1790	0.435	ug/l #	1
59) 2-Hexanone	9.378	43	2901	0.930	ug/l #	18
76) 1,2,3-Trichloropropane	11.079	75	85614	24.219	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	85614	80.572	ug/l #	15

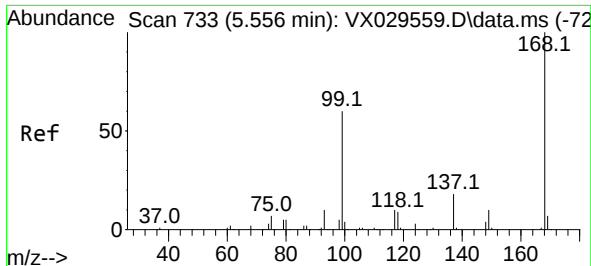
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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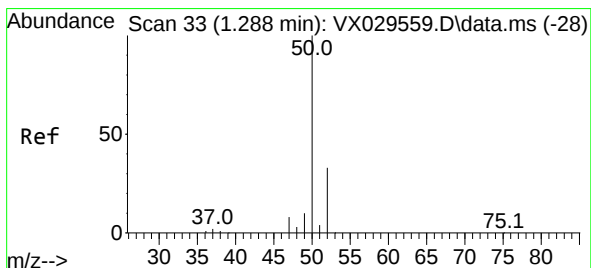
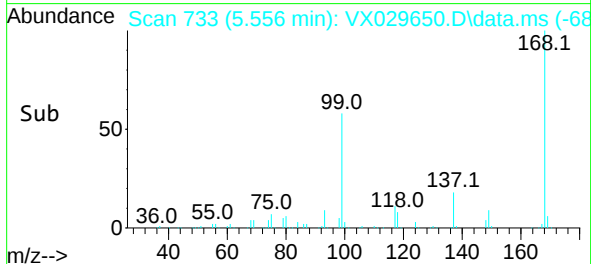
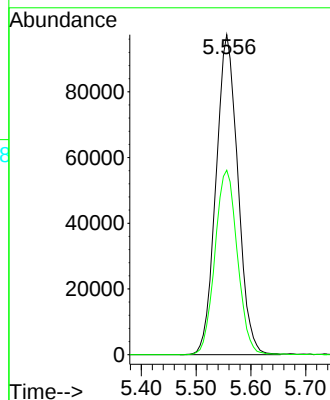
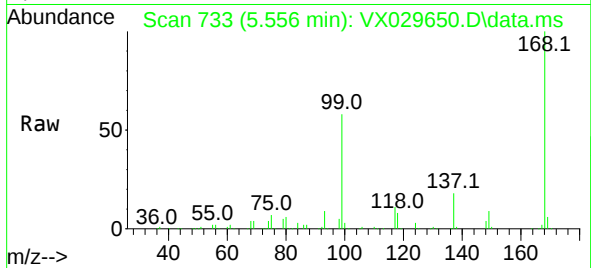




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

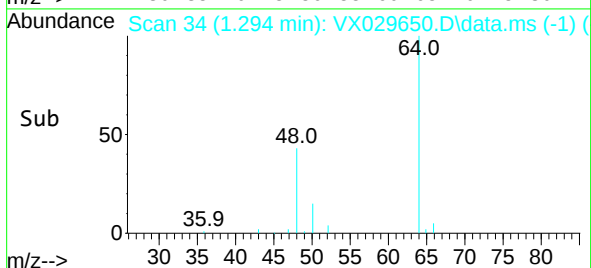
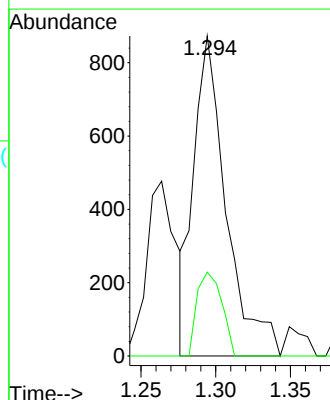
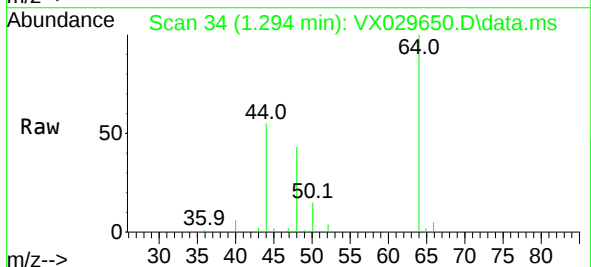
Instrument :
MSVOA_X
ClientSampleId :
MW-57

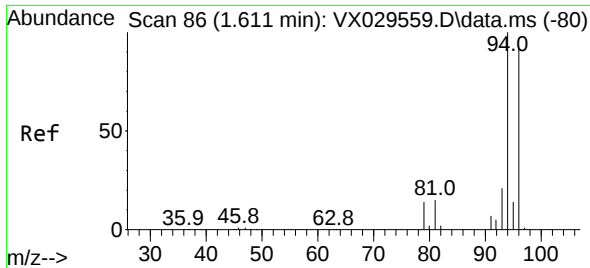
Tgt Ion:168 Resp: 270216
Ion Ratio Lower Upper
168 100
99 57.7 41.7 62.5



#3
Chloromethane
Concen: 0.374 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

Tgt Ion: 50 Resp: 1317
Ion Ratio Lower Upper
50 100
52 26.2 26.4 39.6#

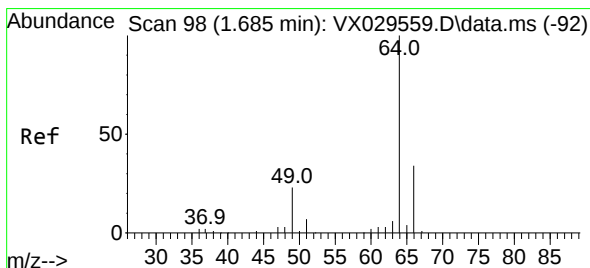
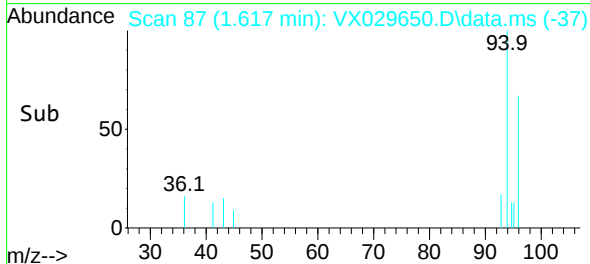
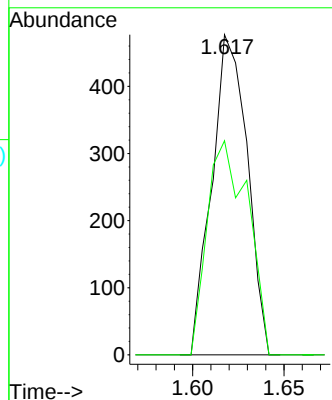
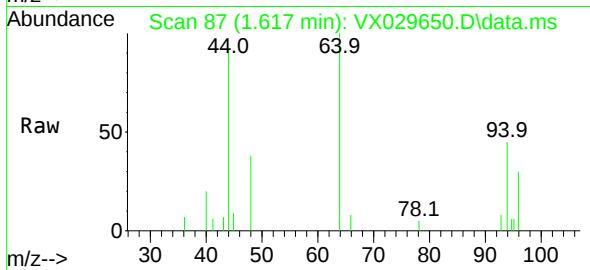




#5
Bromomethane
Concen: 0.389 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

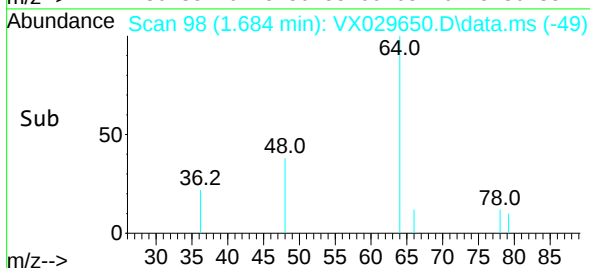
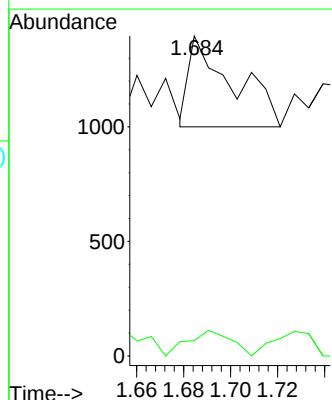
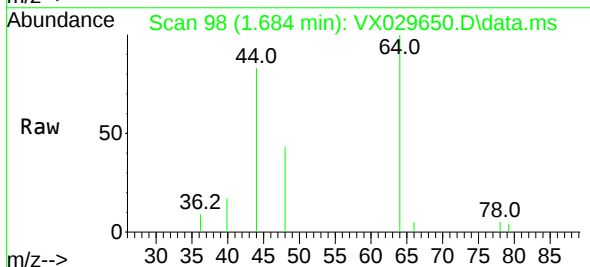
Instrument :
MSVOA_X
ClientSampleId :
MW-57

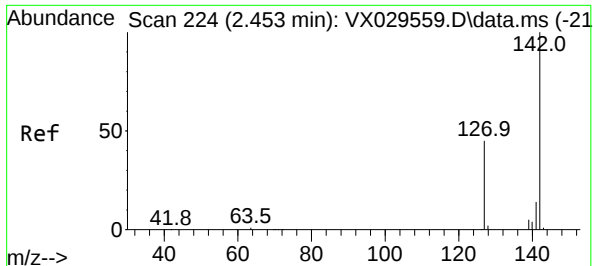
Tgt Ion: 94 Resp: 644
Ion Ratio Lower Upper
94 100
96 66.9 75.3 112.9#



#6
Chloroethane
Concen: 1.490 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

Tgt Ion: 64 Resp: 515
Ion Ratio Lower Upper
64 100
66 1.3 25.3 37.9#

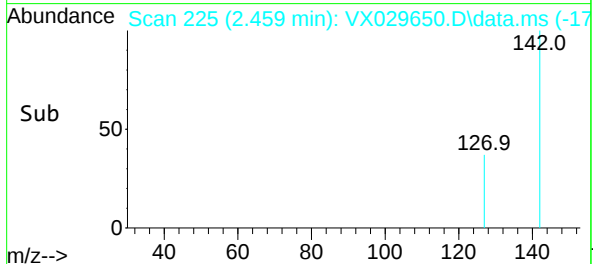
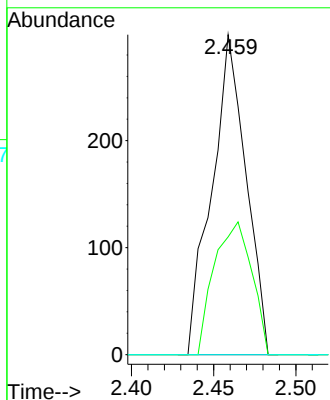
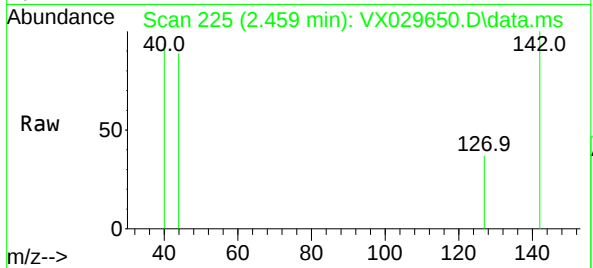




#10
Methyl Iodide
Concen: 3.144 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

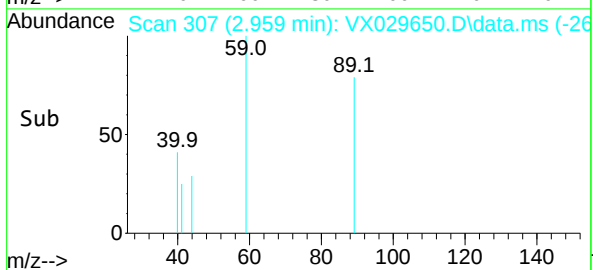
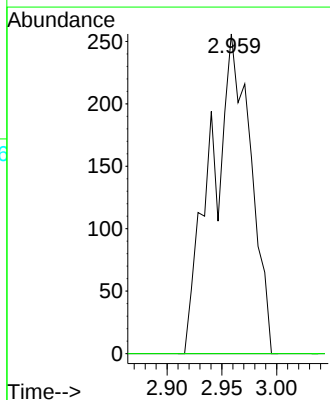
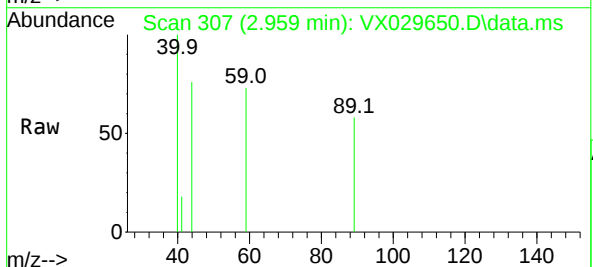
Instrument :
MSVOA_X
ClientSampleId :
MW-57

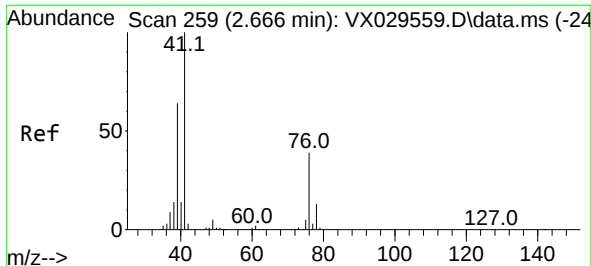
Tgt Ion:142 Resp: 434
Ion Ratio Lower Upper
142 100
127 45.4 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

Tgt Ion: 59 Resp: 639
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

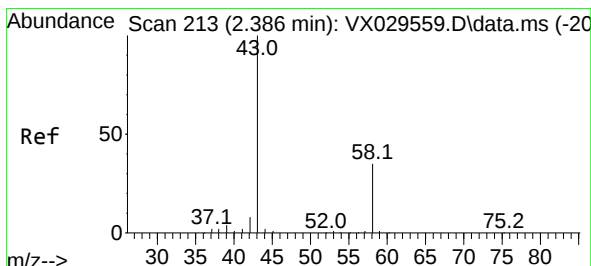
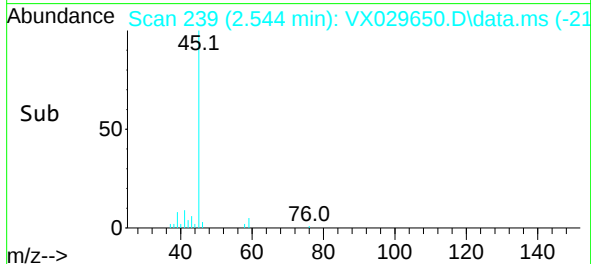
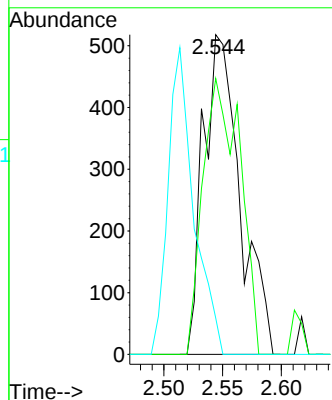
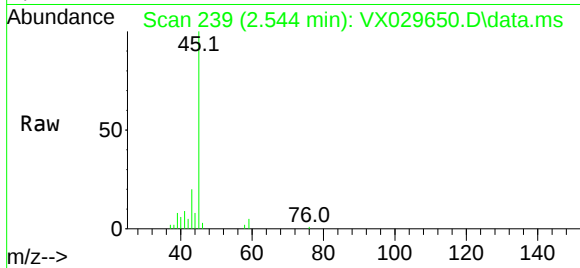




#14
 Allyl chloride
 Concen: 0.255 ug/l
 RT: 2.544 min Scan# 212
 Delta R.T. -0.122 min
 Lab File: VX029650.D
 Acq: 21 Jun 2022 08:51

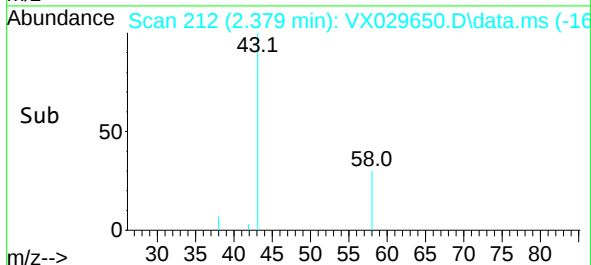
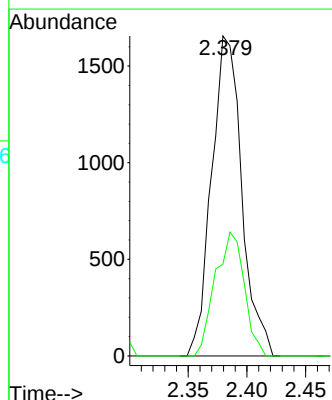
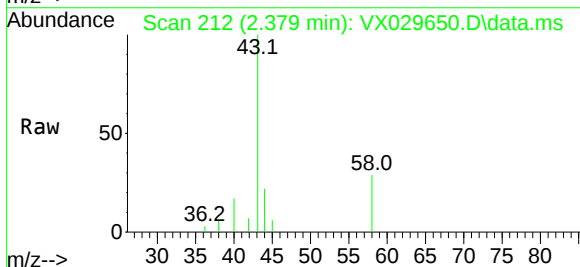
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-57

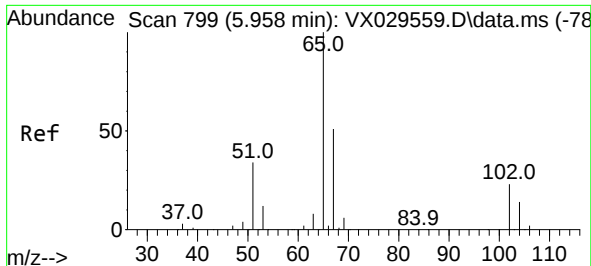
Tgt Ion: 41 Resp: 1126
 Ion Ratio Lower Upper
 41 100
 39 87.6 50.4 75.6#
 76 0.0 32.7 49.1#



#16
 Acetone
 Concen: 2.073 ug/l
 RT: 2.379 min Scan# 212
 Delta R.T. -0.007 min
 Lab File: VX029650.D
 Acq: 21 Jun 2022 08:51

Tgt Ion: 43 Resp: 2955
 Ion Ratio Lower Upper
 43 100
 58 28.7 28.8 43.2#





#33

1,2-Dichloroethane-d4

Concen: 42.863 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029650.D

Acq: 21 Jun 2022 08:51

Instrument :

MSVOA_X

ClientSampleId :

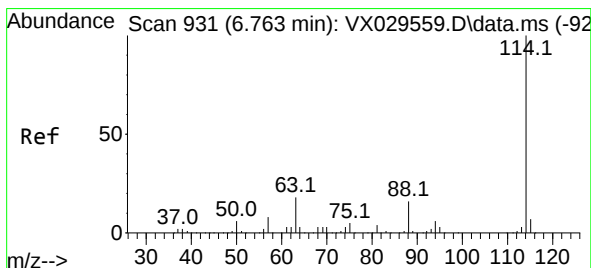
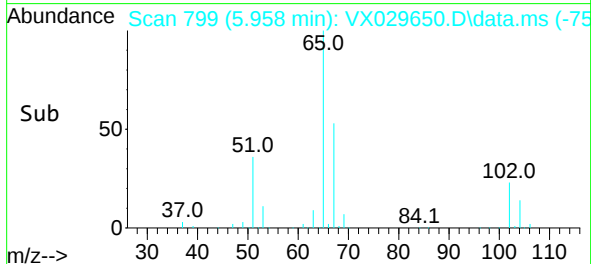
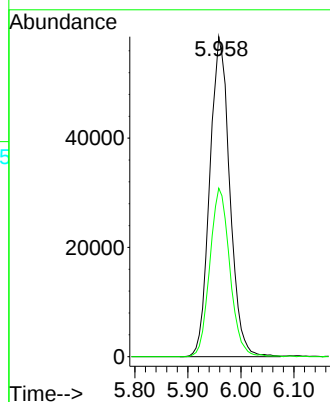
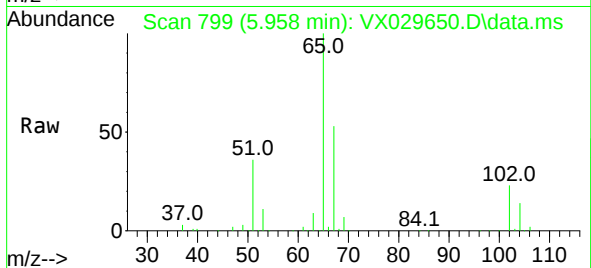
MW-57

Tgt Ion: 65 Resp: 153318

Ion Ratio Lower Upper

65 100

67 52.7 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: VX029650.D

Acq: 21 Jun 2022 08:51

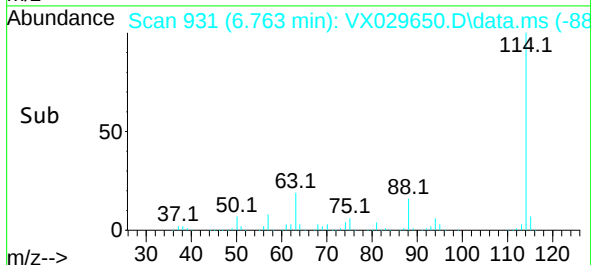
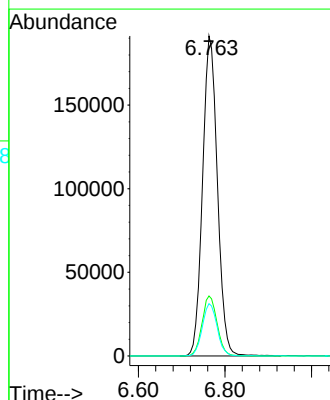
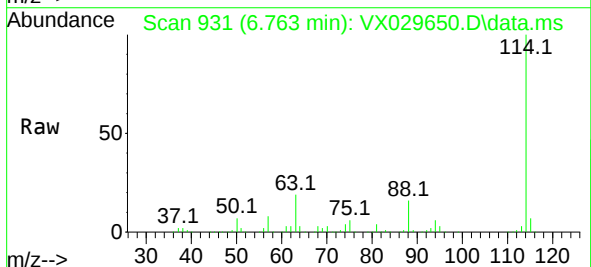
Tgt Ion: 114 Resp: 454533

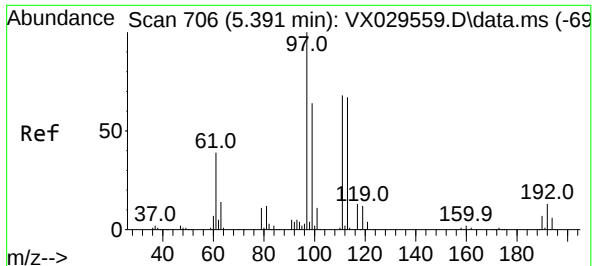
Ion Ratio Lower Upper

114 100

63 18.8 0.0 36.8

88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.600 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029650.D

Acq: 21 Jun 2022 08:51

Instrument :

MSVOA_X

ClientSampleId :

MW-57

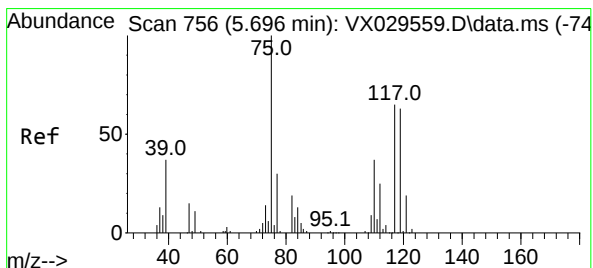
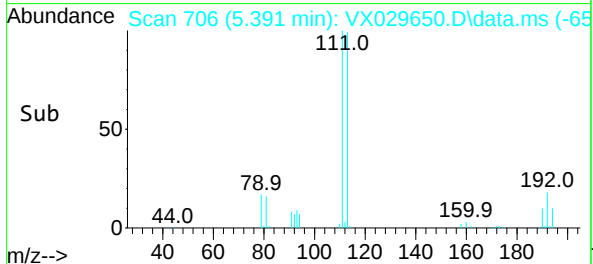
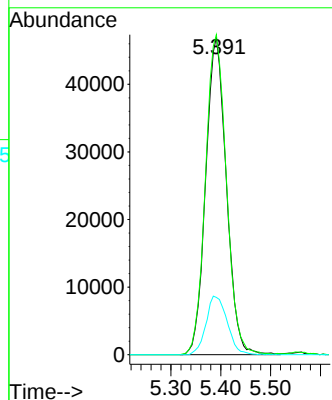
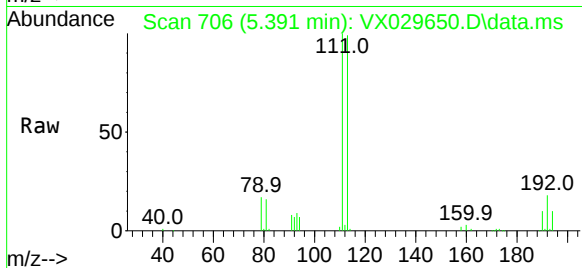
Tgt Ion:113 Resp: 135072

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 18.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.949 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029650.D

Acq: 21 Jun 2022 08:51

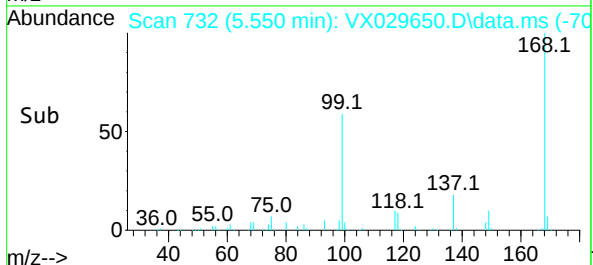
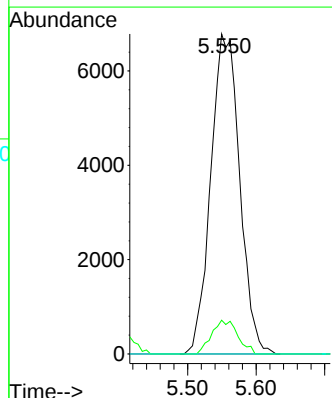
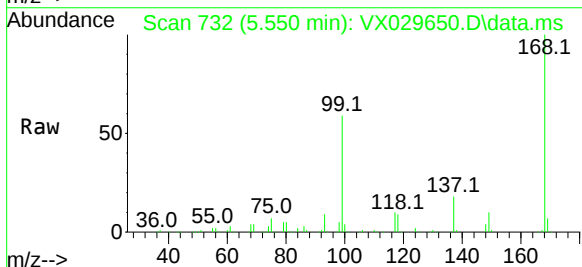
Tgt Ion: 75 Resp: 19839

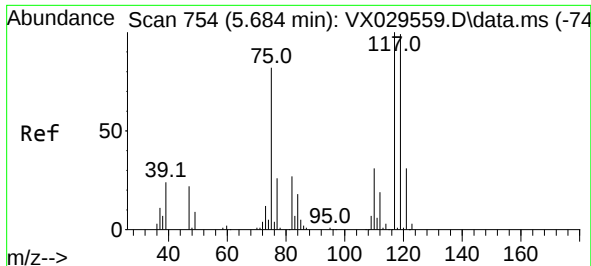
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

77 0.0 24.8 37.2#

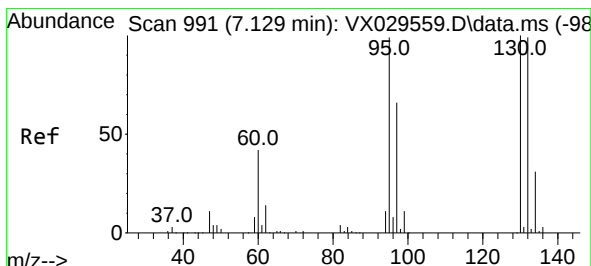
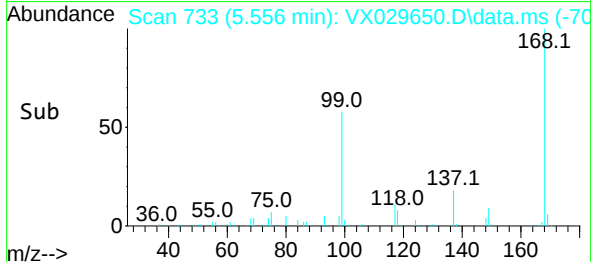
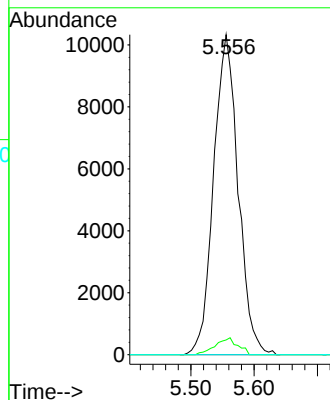
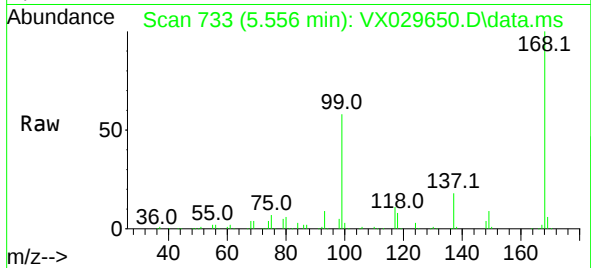




#38
Carbon Tetrachloride
Concen: 7.036 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

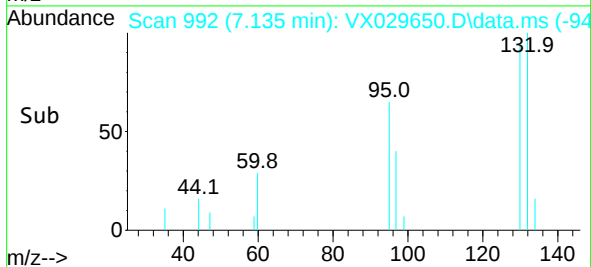
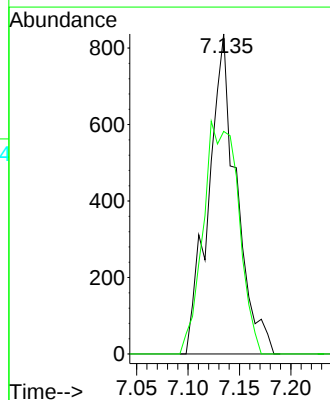
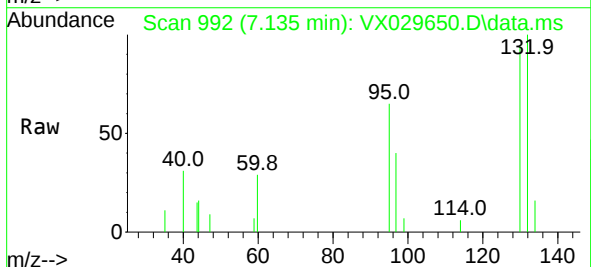
Instrument :
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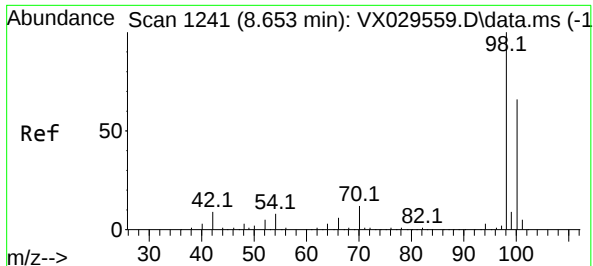
Tgt Ion:117 Resp: 27740
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

Tgt Ion:130 Resp: 1590
Ion Ratio Lower Upper
130 100
95 69.5 0.0 188.8

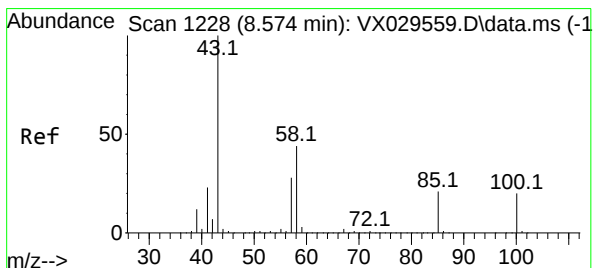
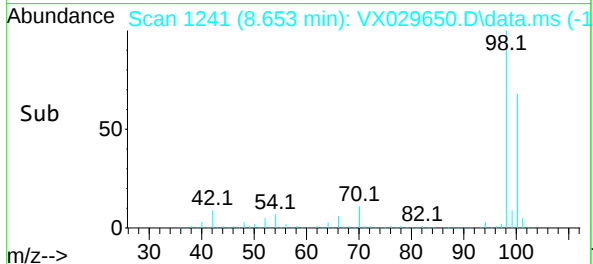
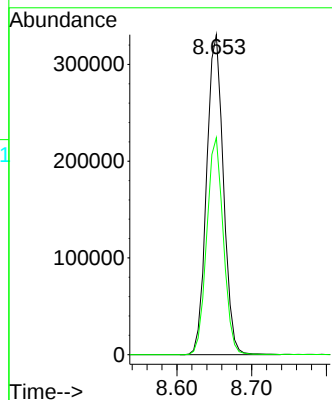
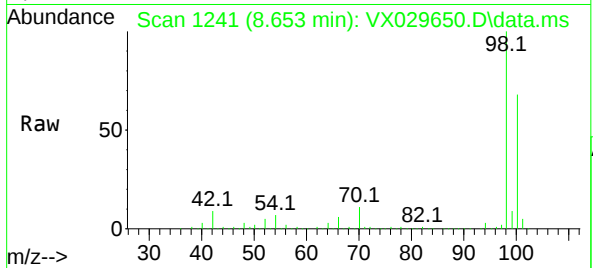




#50
Toluene-d8
Concen: 47.591 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

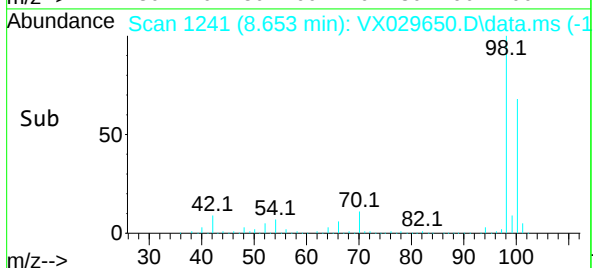
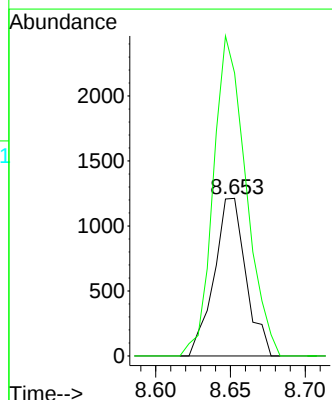
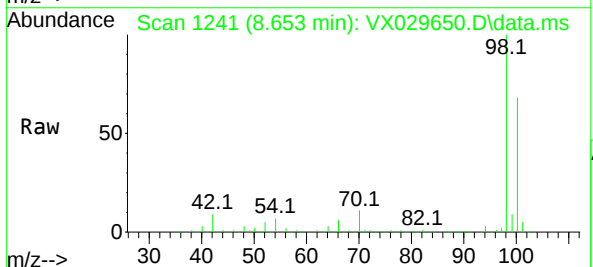
Instrument :
MSVOA_X
ClientSampleId :
MW-57

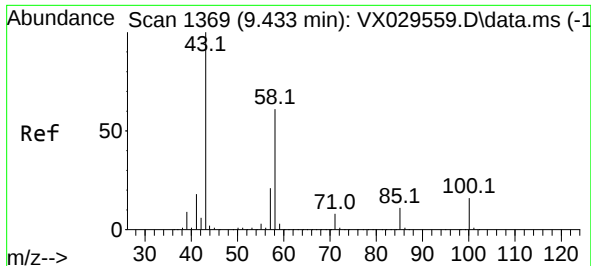
Tgt Ion: 98 Resp: 514992
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

Tgt Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
58 208.1 36.1 54.1#





#59

2-Hexanone

Concen: 0.930 ug/l

RT: 9.378 min Scan# 11

Delta R.T. -0.055 min

Lab File: VX029650.D

Acq: 21 Jun 2022 08:51

Instrument :

MSVOA_X

ClientSampleId :

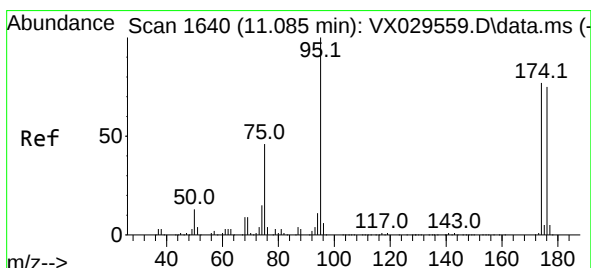
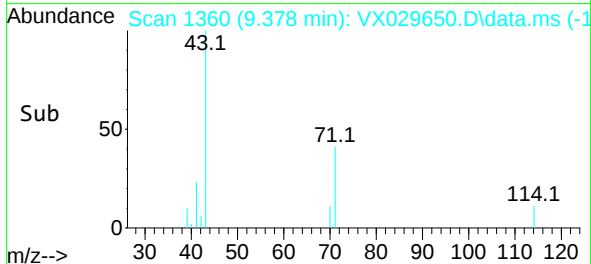
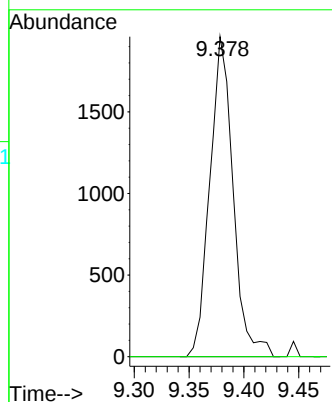
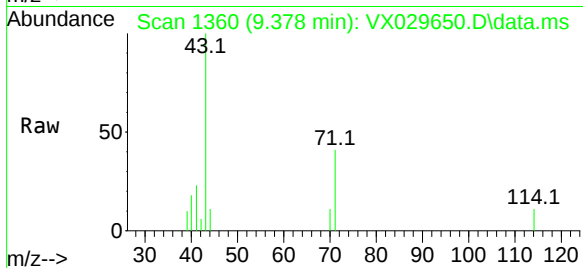
MW-57

Tgt Ion: 43 Resp: 2901

Ion Ratio Lower Upper

43 100

58 0.0 31.9 95.7#



#62

4-Bromofluorobenzene

Concen: 43.852 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029650.D

Acq: 21 Jun 2022 08:51

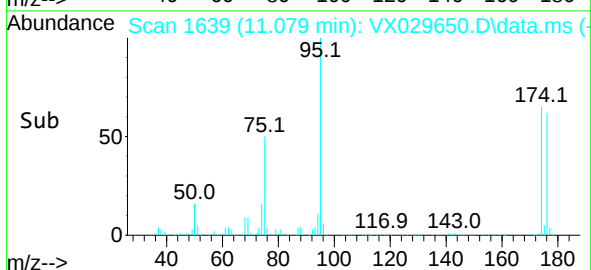
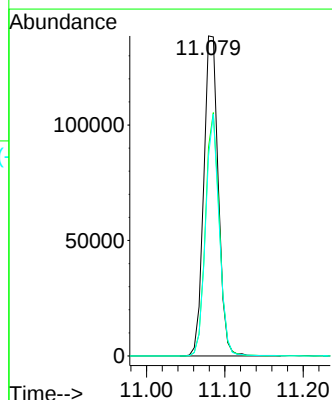
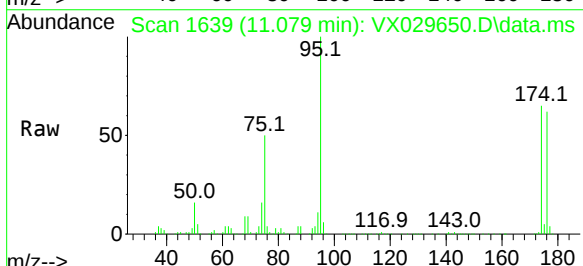
Tgt Ion: 95 Resp: 178951

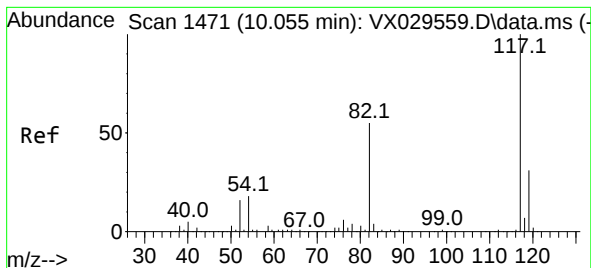
Ion Ratio Lower Upper

95 100

174 72.1 0.0 163.0

176 70.5 0.0 155.0

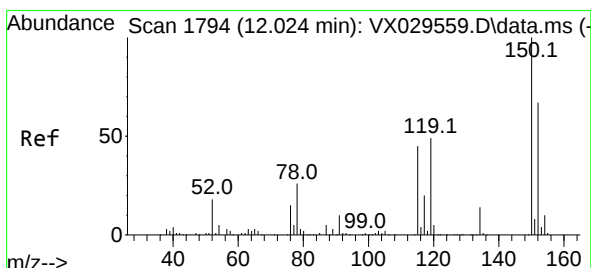
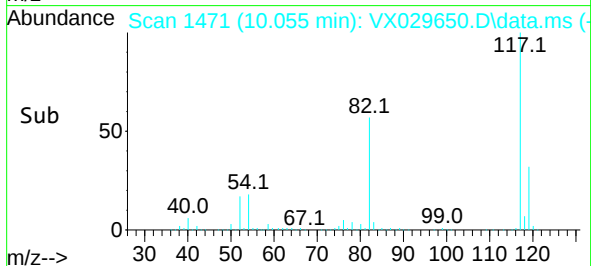
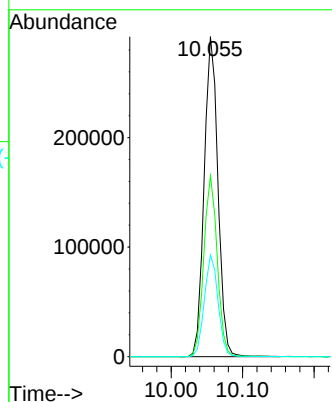
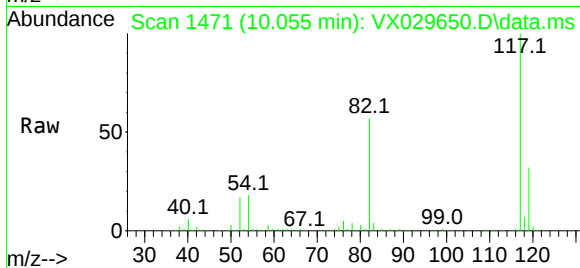




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

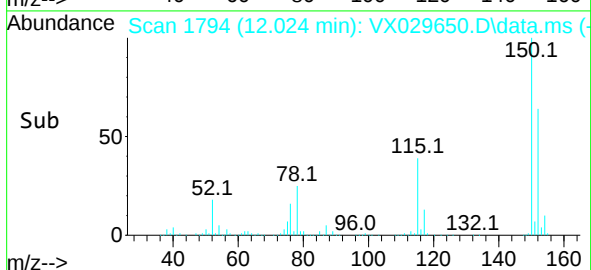
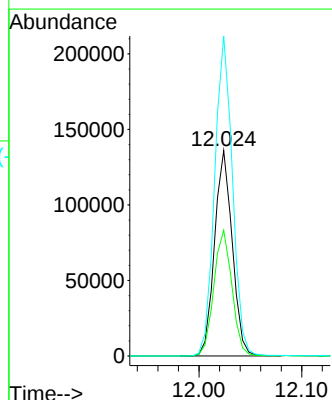
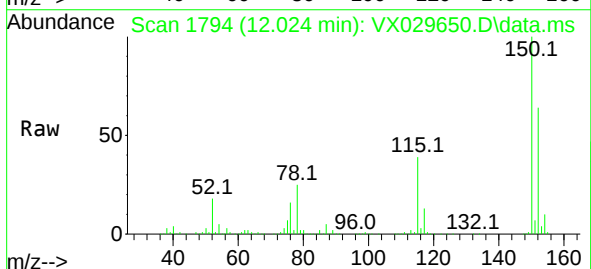
Instrument :
MSVOA_X
ClientSampleId :
MW-57

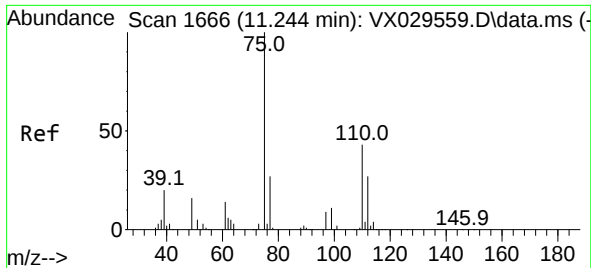
Tgt Ion:117 Resp: 391684
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

Tgt Ion:152 Resp: 162265
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 156.7 0.0 338.2

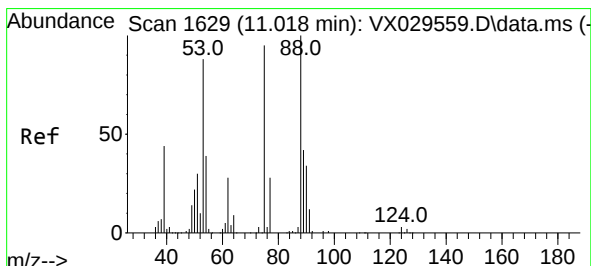
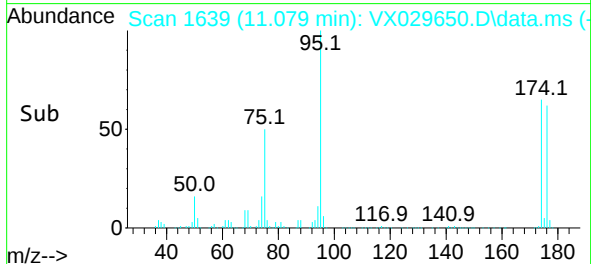
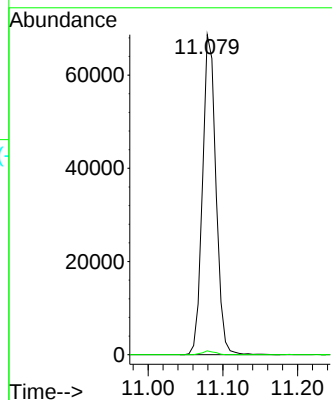
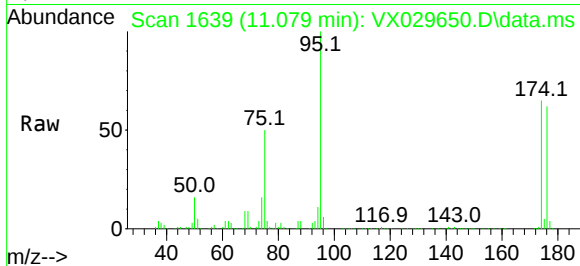




#76
1,2,3-Trichloropropane
Concen: 24.219 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

Instrument :
MSVOA_X
ClientSampleId :
MW-57

Tgt Ion: 75 Resp: 85614
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.572 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029650.D
Acq: 21 Jun 2022 08:51

Tgt Ion: 75 Resp: 85614
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

