

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027908.D
 Acq On : 02 Apr 2022 02:26
 Operator : JC/MD
 Sample : N2172-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-8

Quant Time: Apr 02 07:33:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

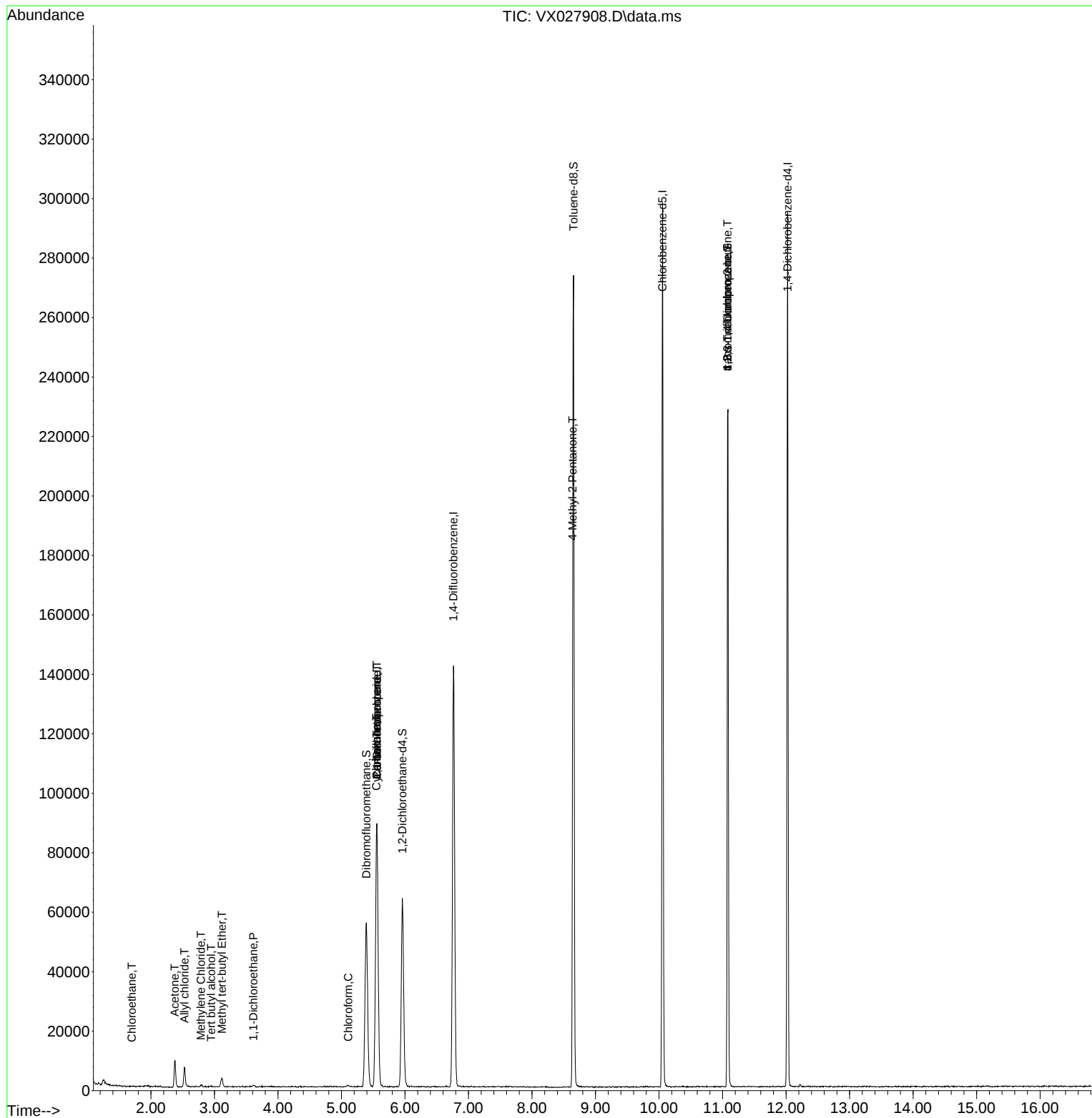
Internal Standards						
1) Pentafluorobenzene	5.556	168	77928	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	136853	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62713	62.371	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 124.740%	
35) Dibromofluoromethane	5.391	113	47550	53.829	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.660%	
50) Toluene-d8	8.653	98	167018	53.738	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.480%	
62) 4-Bromofluorobenzene	11.079	95	62627	47.416	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.840%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.697	64	225	0.522	ug/l	# 43
11) Tert butyl alcohol	2.947	59	78	0.404	ug/l	# 72
14) Allyl chloride	2.526	41	678	0.552	ug/l	# 58
16) Acetone	2.374	43	9672	21.735	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	3045	1.194	ug/l	96
20) Methylene Chloride	2.788	84	260	0.325	ug/l	# 82
24) 1,1-Dichloroethane	3.611	63	661	0.477	ug/l	# 81
30) Chloroform	5.105	83	542	0.352	ug/l	# 70
31) Cyclohexane	5.550	56	1932	1.738	ug/l	# 18
36) 1,1-Dichloropropene	5.556	75	6919	6.219	ug/l	# 49
38) Carbon Tetrachloride	5.556	117	8892	7.234	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.641	43	634	0.414	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	34611	27.250	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	34611	79.694	ug/l	# 15

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
Data File : VX027908.D
Acq On : 02 Apr 2022 02:26
Operator : JC/MD
Sample : N2172-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Quant Time: Apr 02 07:33:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

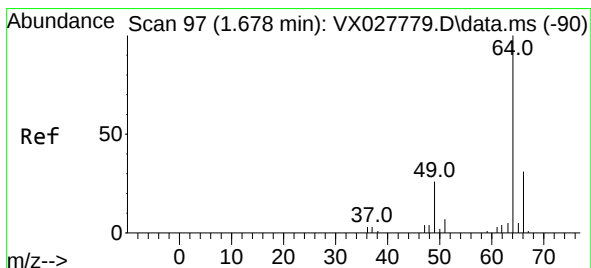
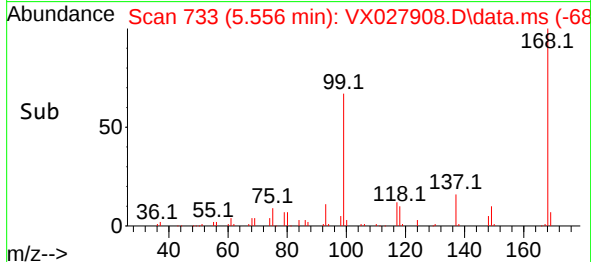
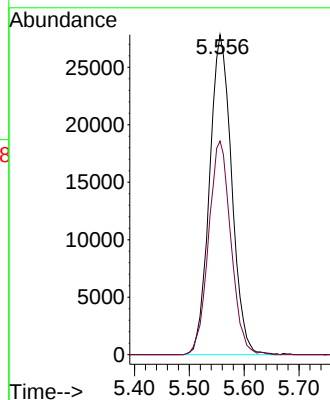
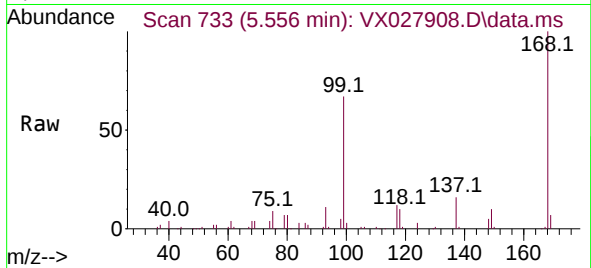




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027908.D
Acq: 02 Apr 2022 02:26

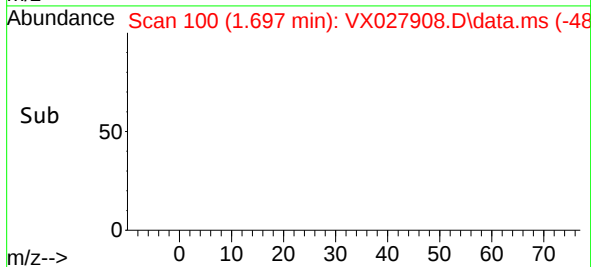
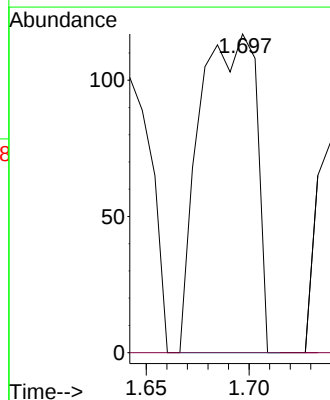
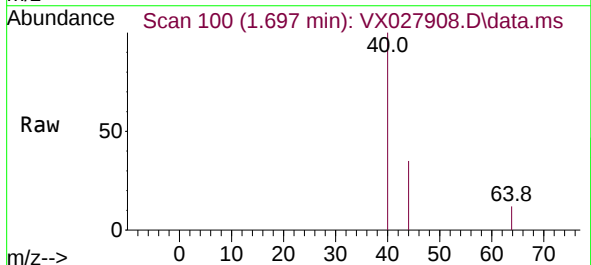
Instrument :
MSVOA_X
ClientSampleId :
MW-8

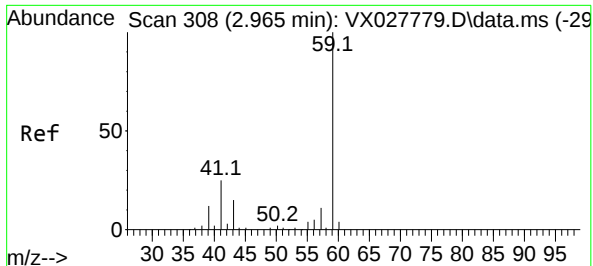
Tgt Ion:168 Resp: 77928
Ion Ratio Lower Upper
168 100
99 66.8 41.7 62.5#



#6
Chloroethane
Concen: 0.522 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.019 min
Lab File: VX027908.D
Acq: 02 Apr 2022 02:26

Tgt Ion: 64 Resp: 225
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#





#11

Tert butyl alcohol

Concen: 0.404 ug/l

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX027908.D

Acq: 02 Apr 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

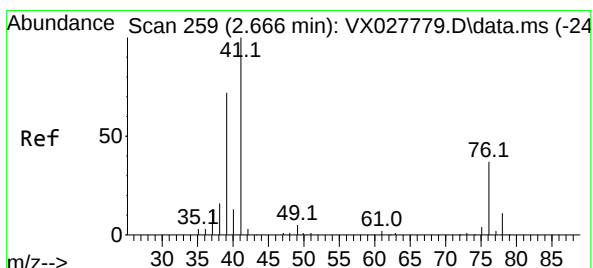
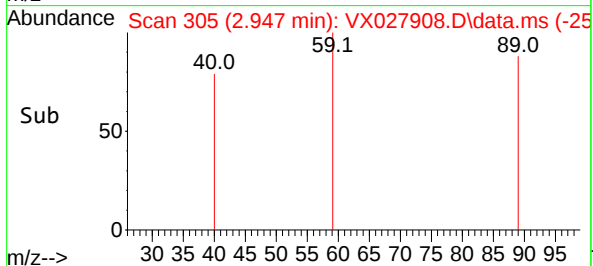
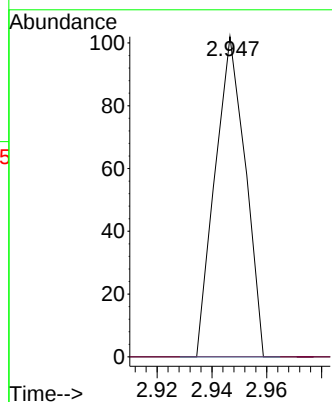
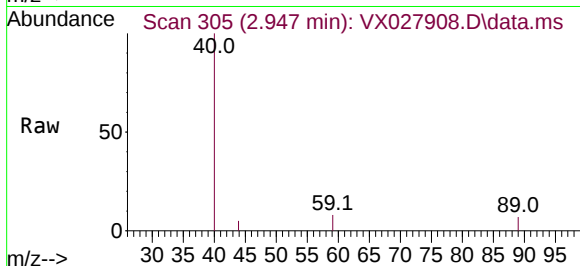
MW-8

Tgt Ion: 59 Resp: 78

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.552 ug/l

RT: 2.526 min Scan# 236

Delta R.T. -0.140 min

Lab File: VX027908.D

Acq: 02 Apr 2022 02:26

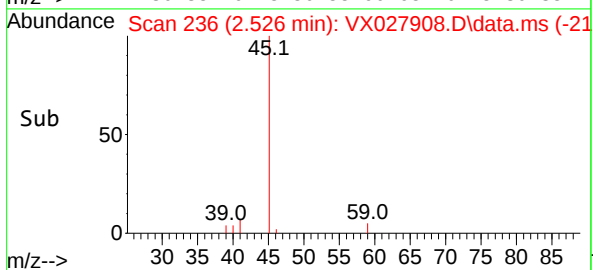
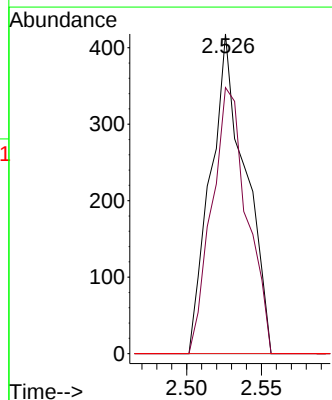
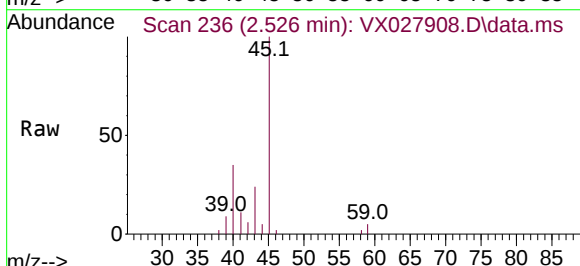
Tgt Ion: 41 Resp: 678

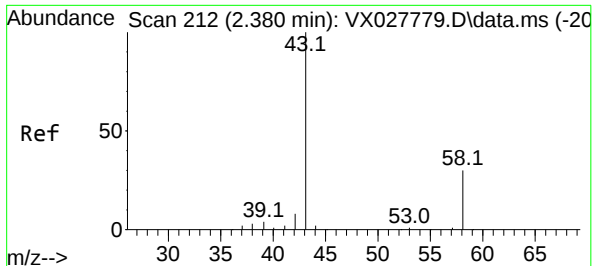
Ion Ratio Lower Upper

41 100

39 84.1 50.4 75.6#

76 0.0 32.7 49.1#

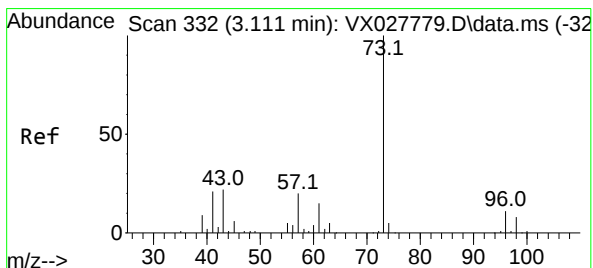
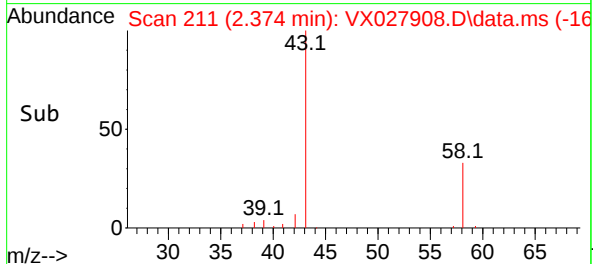
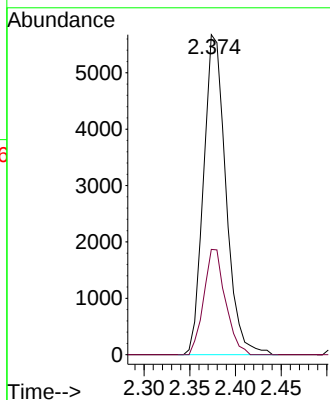
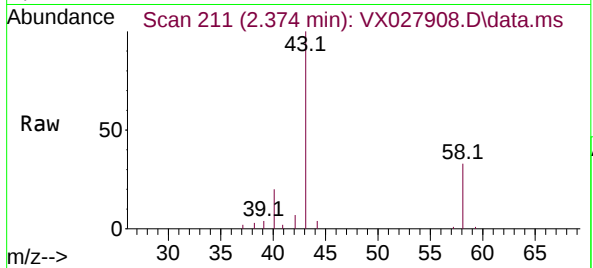




#16
Acetone
Concen: 21.735 ug/l
RT: 2.374 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027908.D
Acq: 02 Apr 2022 02:26

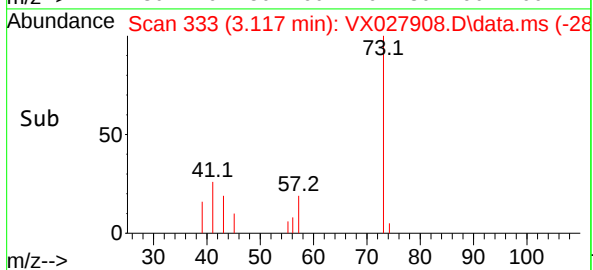
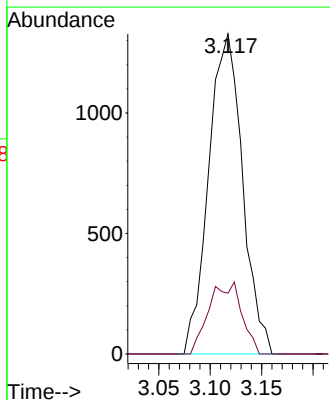
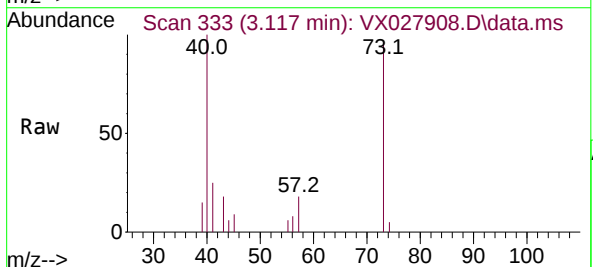
Instrument :
MSVOA_X
ClientSampleId :
MW-8

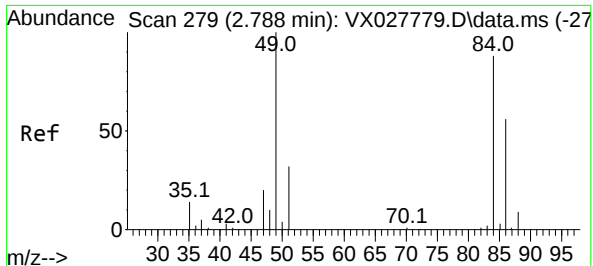
Tgt Ion: 43 Resp: 9672
Ion Ratio Lower Upper
43 100
58 32.9 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 1.194 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX027908.D
Acq: 02 Apr 2022 02:26

Tgt Ion: 73 Resp: 3045
Ion Ratio Lower Upper
73 100
57 19.0 16.8 25.2





#20

Methylene Chloride

Concen: 0.325 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX027908.D

Acq: 02 Apr 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

MW-8

Tgt Ion: 84 Resp: 260

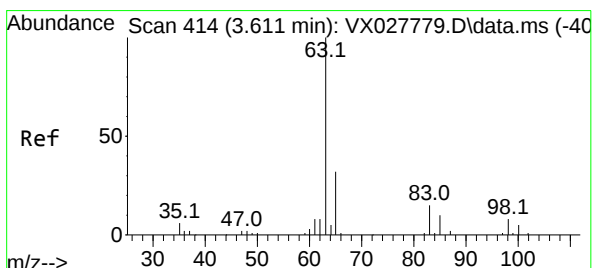
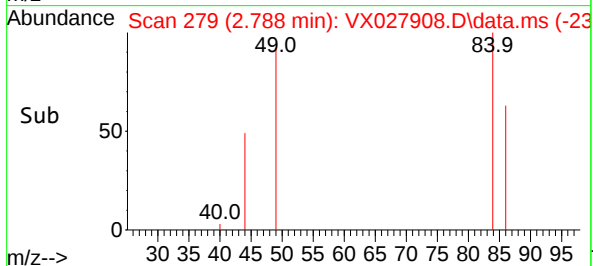
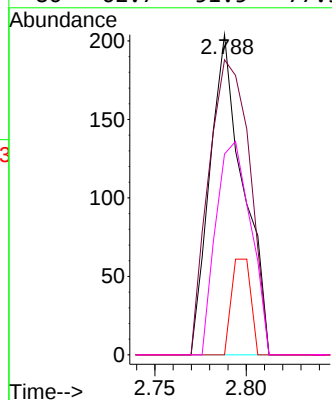
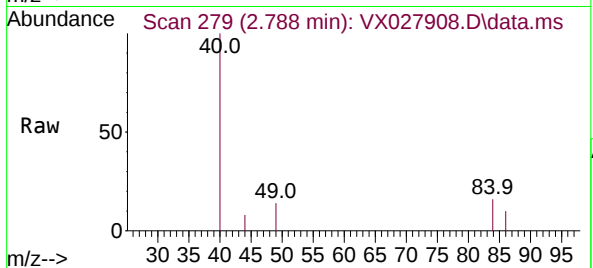
Ion Ratio Lower Upper

84 100

49 92.2 85.5 128.3

51 0.0 26.6 39.8#

86 62.7 51.5 77.3



#24

1,1-Dichloroethane

Concen: 0.477 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX027908.D

Acq: 02 Apr 2022 02:26

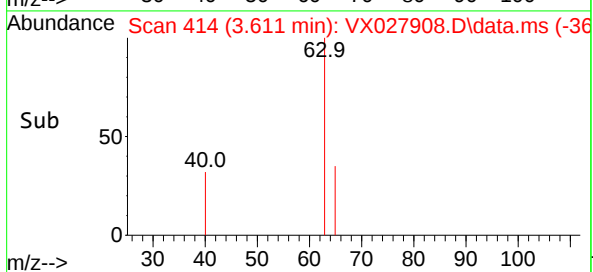
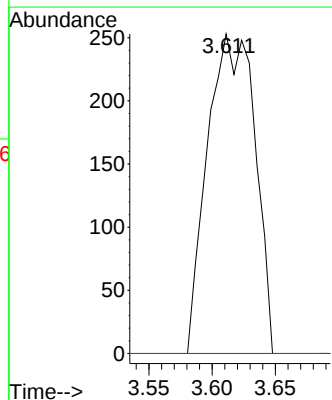
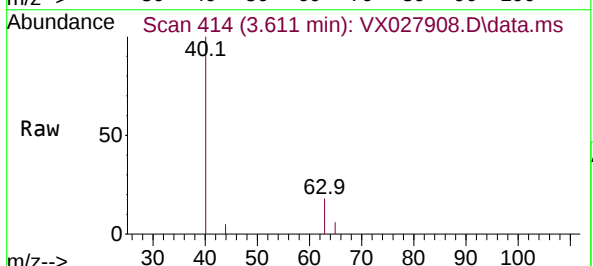
Tgt Ion: 63 Resp: 661

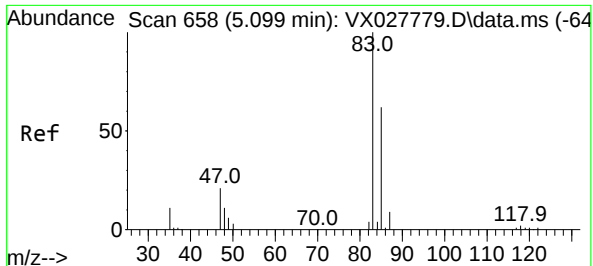
Ion Ratio Lower Upper

63 100

98 0.0 3.9 11.7#

100 0.0 2.4 7.2#





#30

Chloroform

Concen: 0.352 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX027908.D

Acq: 02 Apr 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

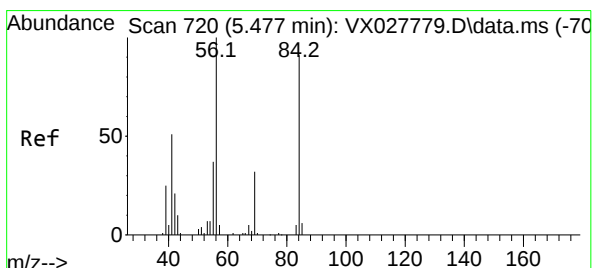
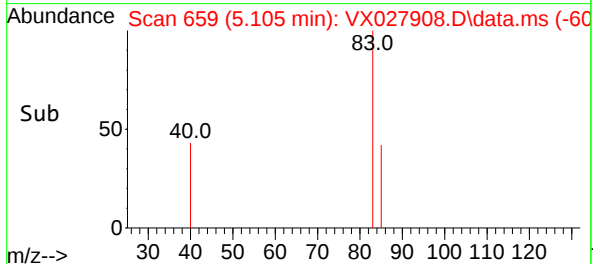
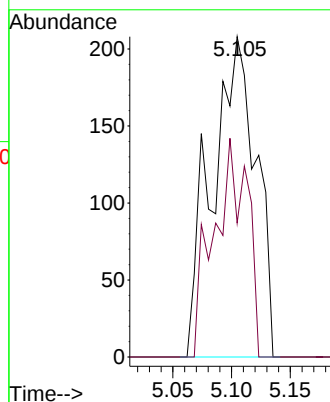
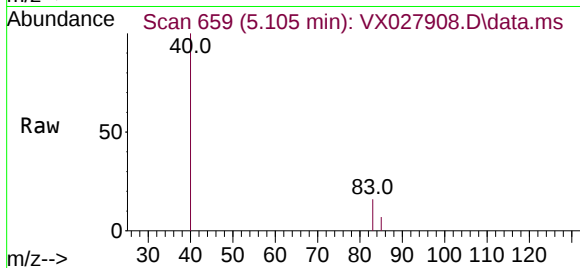
MW-8

Tgt Ion: 83 Resp: 542

Ion Ratio Lower Upper

83 100

85 41.8 52.7 79.1#



#31

Cyclohexane

Concen: 1.738 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX027908.D

Acq: 02 Apr 2022 02:26

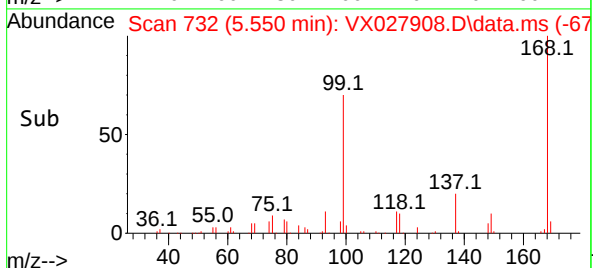
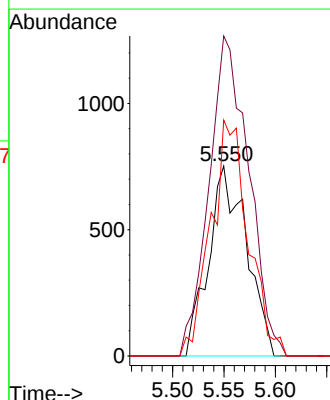
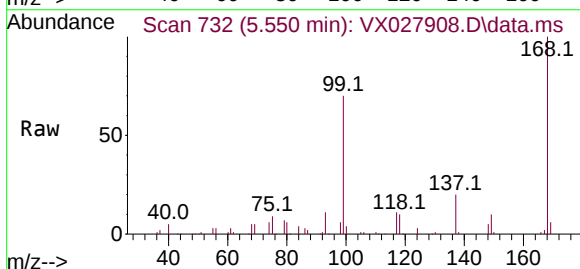
Tgt Ion: 56 Resp: 1932

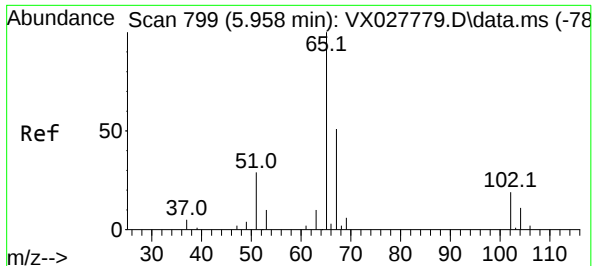
Ion Ratio Lower Upper

56 100

69 168.5 26.7 40.1#

84 124.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 62.371 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027908.D

Acq: 02 Apr 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

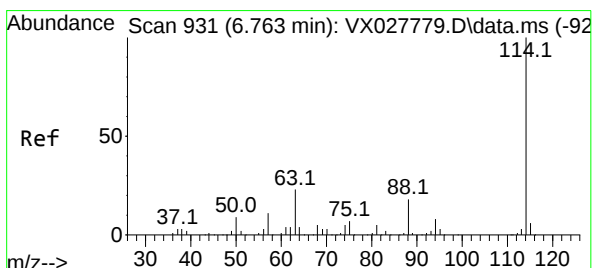
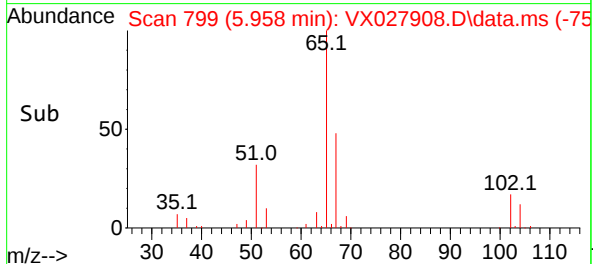
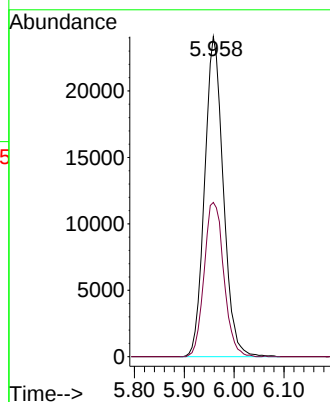
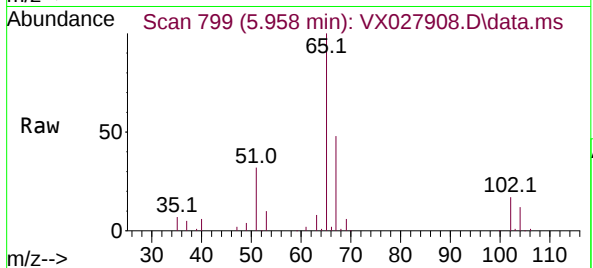
MW-8

Tgt Ion: 65 Resp: 62713

Ion Ratio Lower Upper

65 100

67 50.7 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: VX027908.D

Acq: 02 Apr 2022 02:26

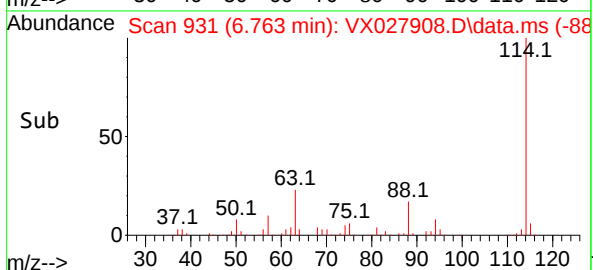
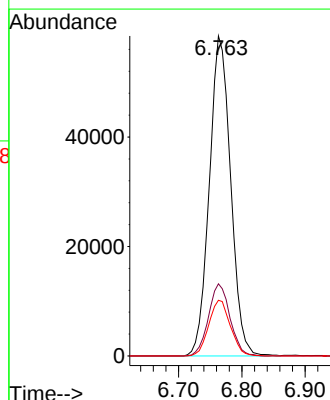
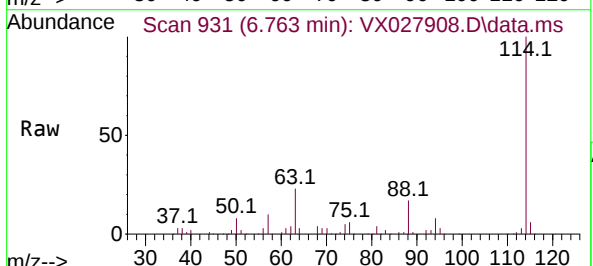
Tgt Ion: 114 Resp: 136853

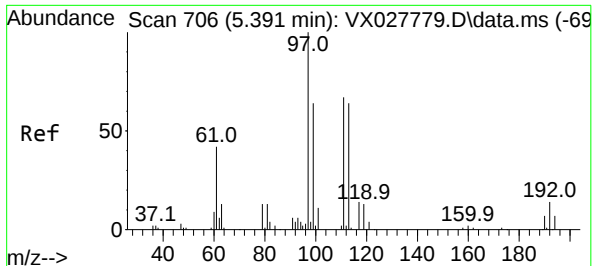
Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.8

88 17.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 53.829 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027908.D

Acq: 02 Apr 2022 02:26

Instrument :

MSVOA_X

ClientSampleId :

MW-8

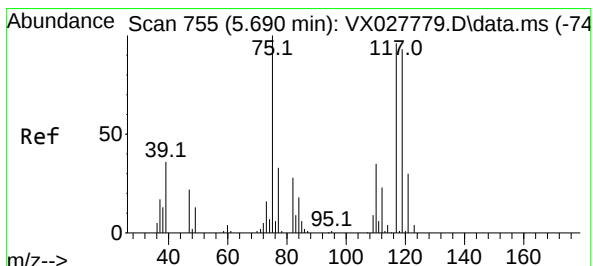
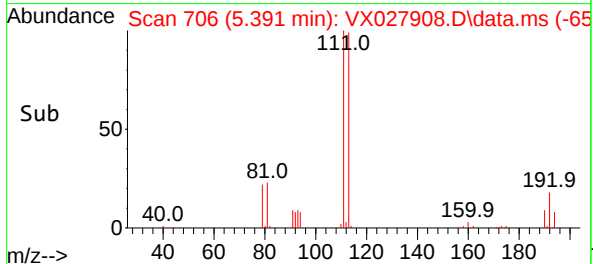
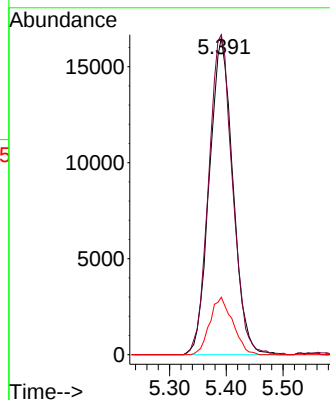
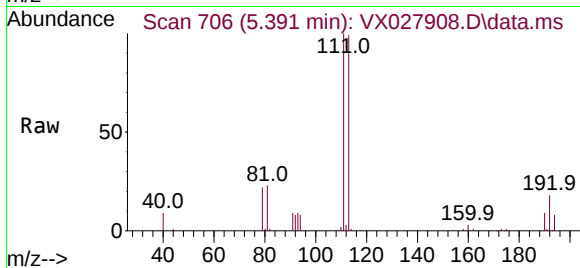
Tgt Ion:113 Resp: 47550

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 17.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 6.219 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027908.D

Acq: 02 Apr 2022 02:26

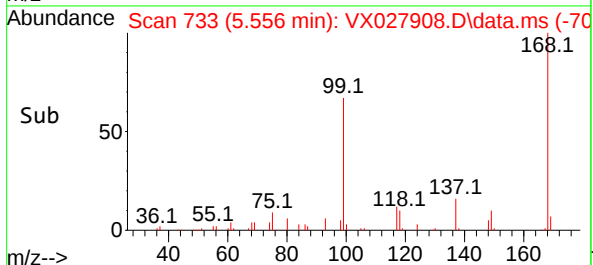
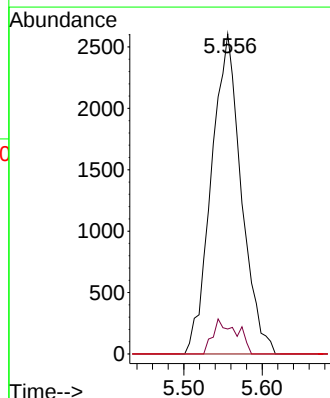
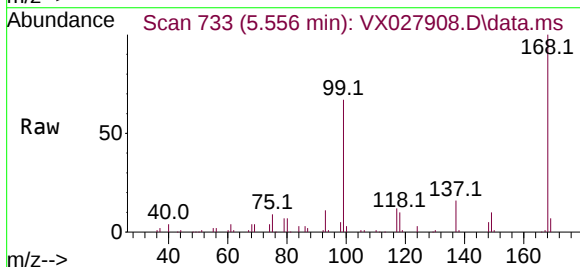
Tgt Ion: 75 Resp: 6919

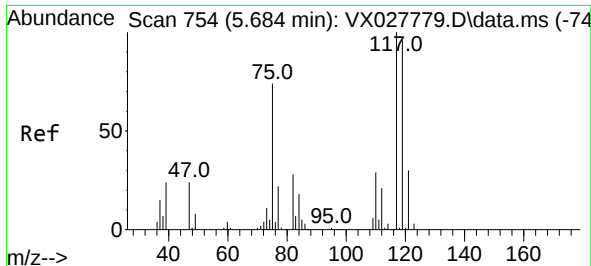
Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

77 0.0 24.8 37.2#

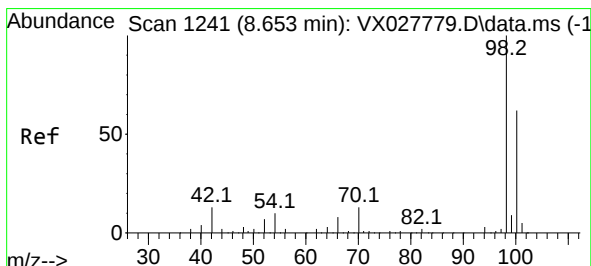
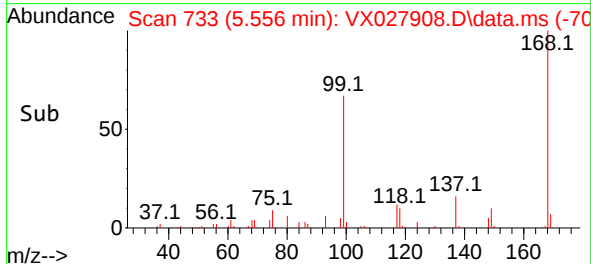
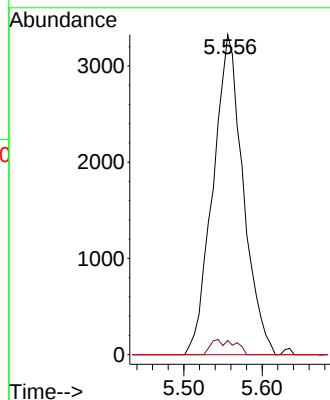
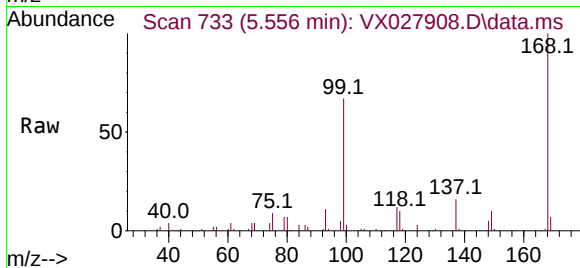




#38
Carbon Tetrachloride
Concen: 7.234 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027908.D
Acq: 02 Apr 2022 02:26

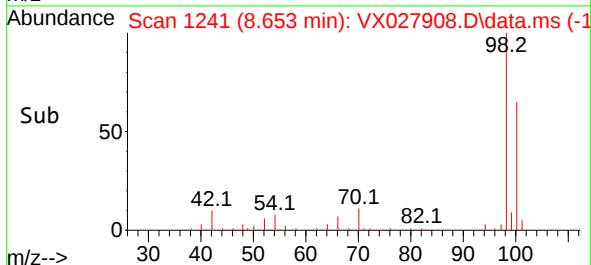
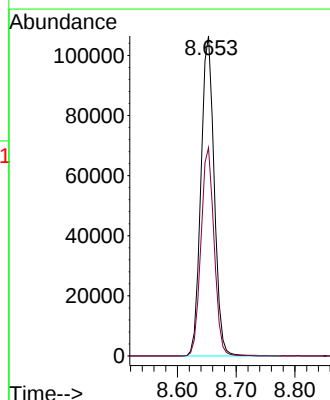
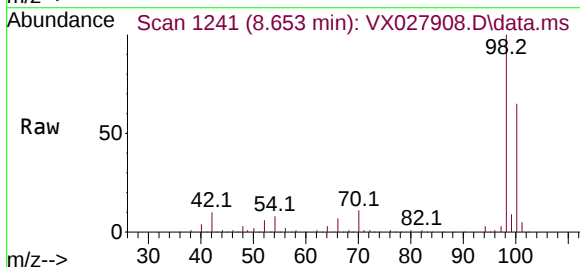
Instrument :
MSVOA_X
ClientSampleId :
MW-8

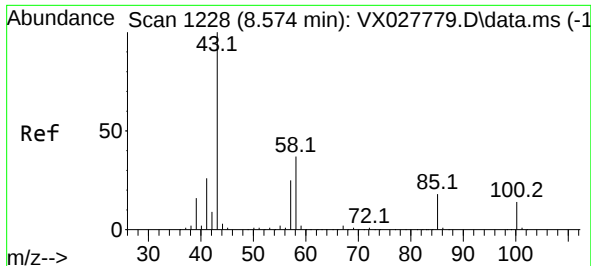
Tgt Ion:117 Resp: 8892
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.738 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027908.D
Acq: 02 Apr 2022 02:26

Tgt Ion: 98 Resp: 167018
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8

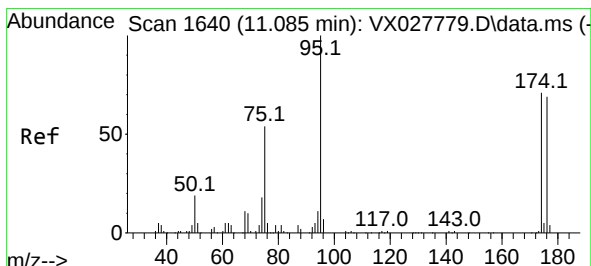
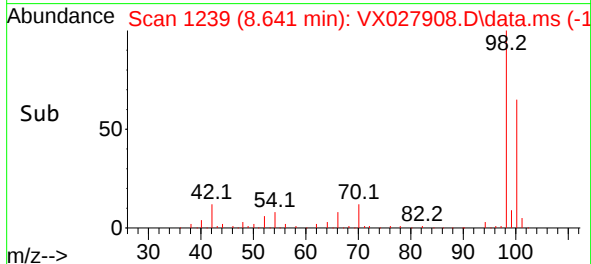
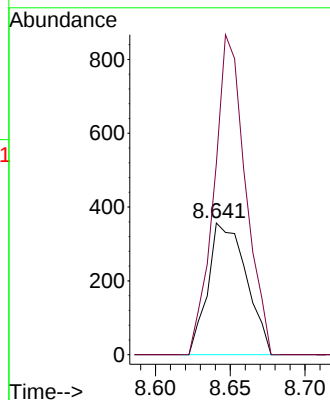
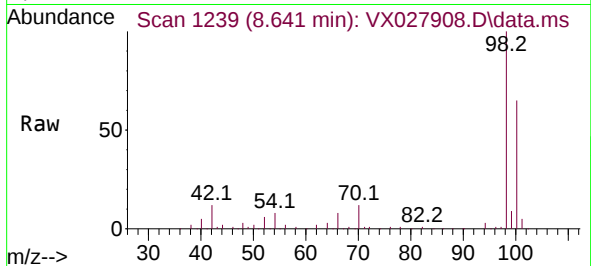




#51
4-Methyl-2-Pentanone
Concen: 0.414 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027908.D
Acq: 02 Apr 2022 02:26

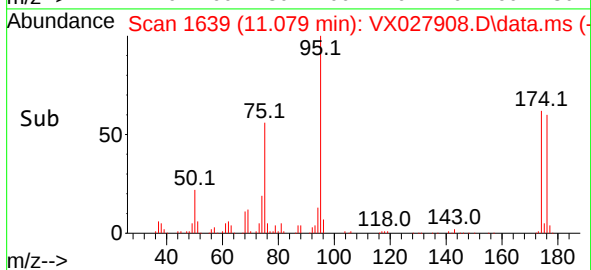
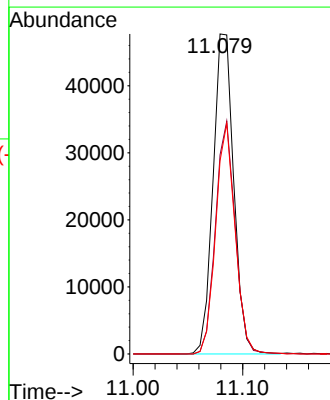
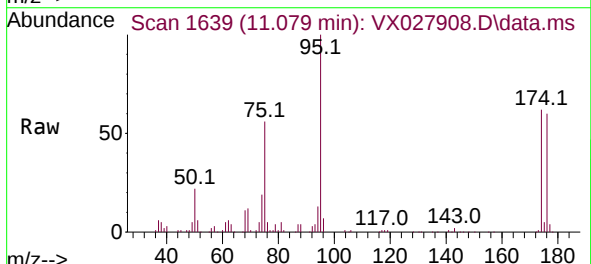
Instrument :
MSVOA_X
ClientSampleId :
MW-8

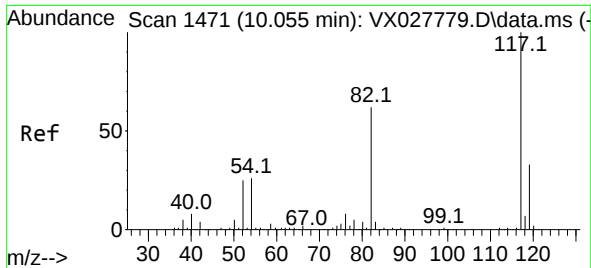
Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
58 200.8 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 47.416 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027908.D
Acq: 02 Apr 2022 02:26

Tgt Ion: 95 Resp: 62627
Ion Ratio Lower Upper
95 100
174 69.2 0.0 163.0
176 67.6 0.0 155.0

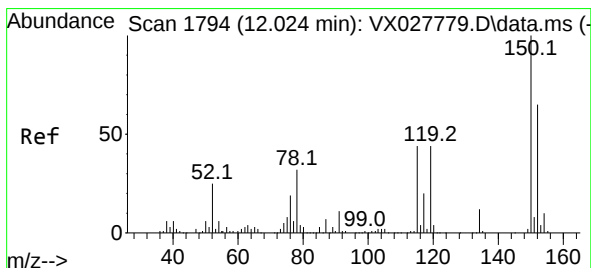
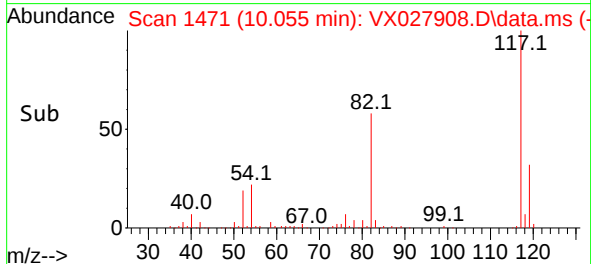
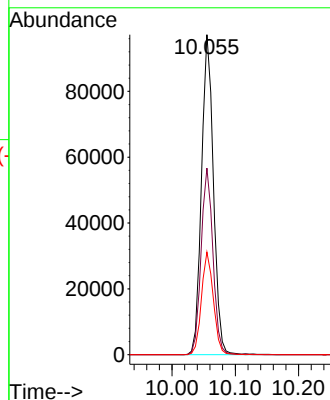
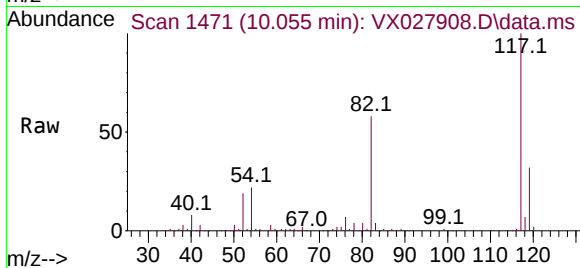




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027908.D
Acq: 02 Apr 2022 02:26

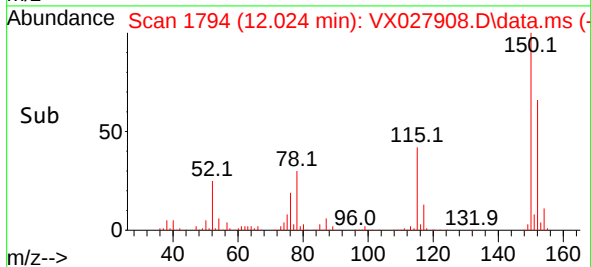
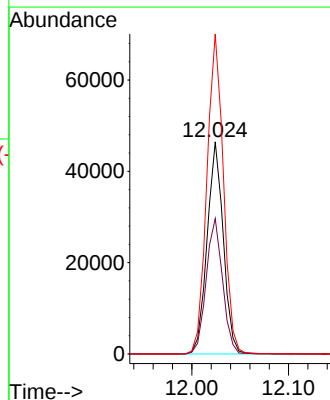
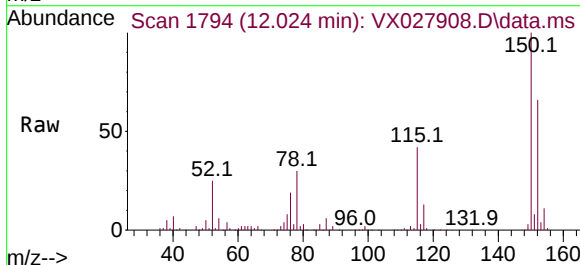
Instrument :
MSVOA_X
ClientSampleId :
MW-8

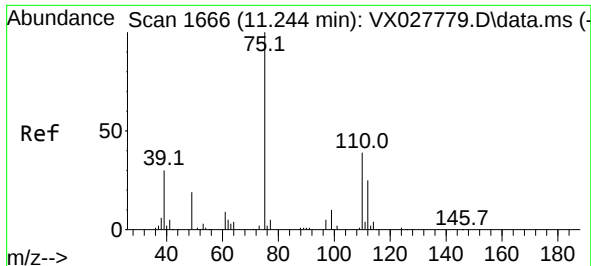
Tgt Ion:117 Resp: 127785
Ion Ratio Lower Upper
117 100
82 58.3 41.8 62.8
119 32.1 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027908.D
Acq: 02 Apr 2022 02:26

Tgt Ion:152 Resp: 54144
Ion Ratio Lower Upper
152 100
115 64.7 37.5 112.7
150 153.8 0.0 338.2

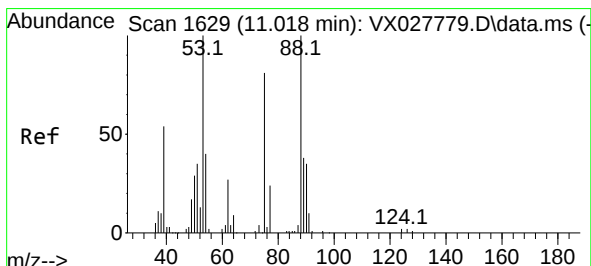
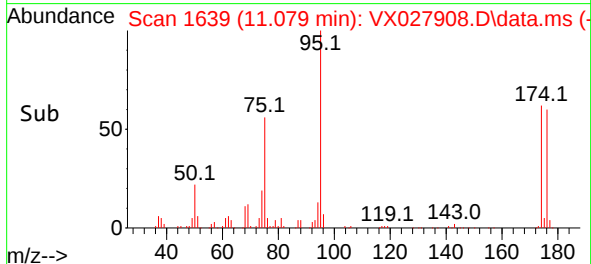
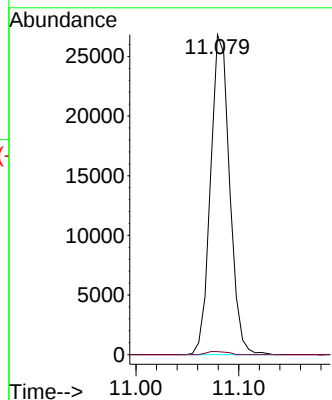
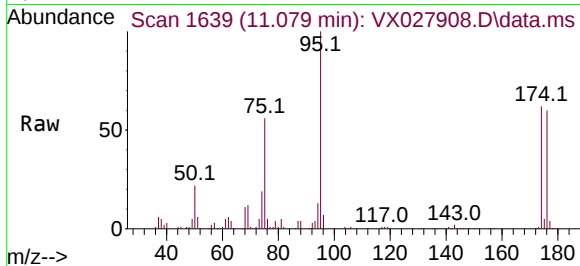




#76
1,2,3-Trichloropropane
Concen: 27.250 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027908.D
Acq: 02 Apr 2022 02:26

Instrument :
MSVOA_X
ClientSampleId :
MW-8

Tgt Ion: 75 Resp: 34611
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.694 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027908.D
Acq: 02 Apr 2022 02:26

Tgt Ion: 75 Resp: 34611
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

