

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031217.D
 Acq On : 08 Sep 2022 17:27
 Operator : JC/MD
 Sample : N4381-12DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-43DL

Quant Time: Sep 09 01:10:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

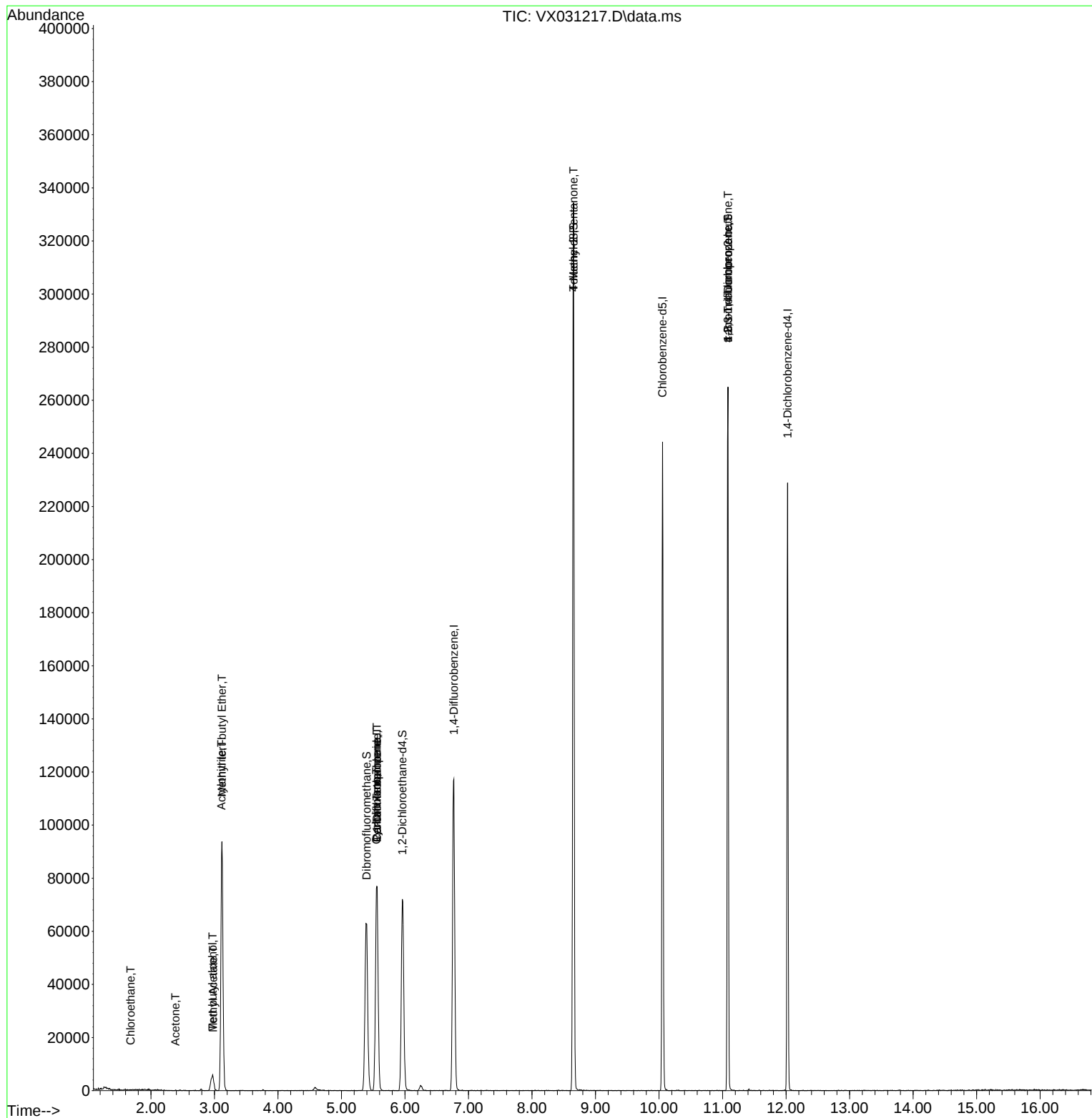
Internal Standards						
1) Pentafluorobenzene	5.556	168	64563	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	119985	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	107293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81877	53.565	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	107.120%	
35) Dibromofluoromethane	5.397	113	57212	43.756	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	87.520%	
50) Toluene-d8	8.653	98	197825	41.643	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	83.280%#	
62) 4-Bromofluorobenzene	11.085	95	73408	42.167	ug/l	0.00
Spiked Amount 50.000	Range	83 - 123	Recovery	=	84.340%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.679	64	154	0.292	ug/l	# 41
11) Tert butyl alcohol	2.971	59	8745	5.969	ug/l	100
15) Acrylonitrile	3.111	53	1093	1.878	ug/l	# 14
16) Acetone	2.386	43	189	0.357	ug/l	# 40
18) Methyl Acetate	2.977	43	1105	0.806	ug/l	# 51
19) Methyl tert-butyl Ether	3.117	73	109568	28.300	ug/l	# 86
31) Cyclohexane	5.550	56	1006	0.589	ug/l	# 31
36) 1,1-Dichloropropene	5.556	75	6093	3.112	ug/l	# 45
38) Carbon Tetrachloride	5.556	117	8776	4.260	ug/l	# 19
51) 4-Methyl-2-Pentanone	8.653	43	831	0.496	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	41707	36.465	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.085	75	41707	117.595	ug/l	# 13

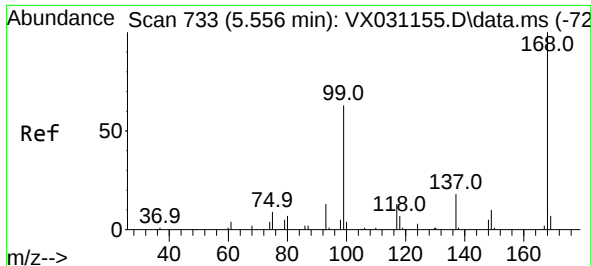
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
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Quant Time: Sep 09 01:10:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
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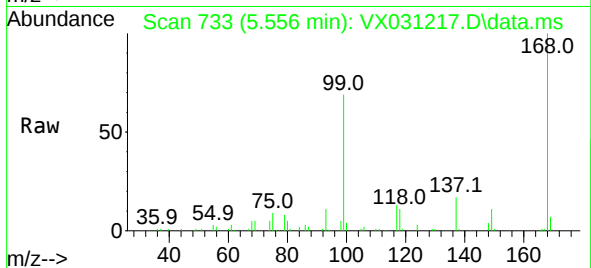
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031217.D
Acq: 08 Sep 2022 17:27

Instrument :

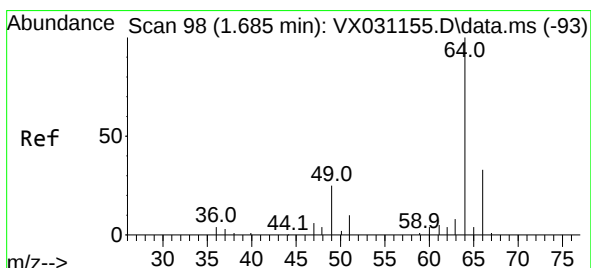
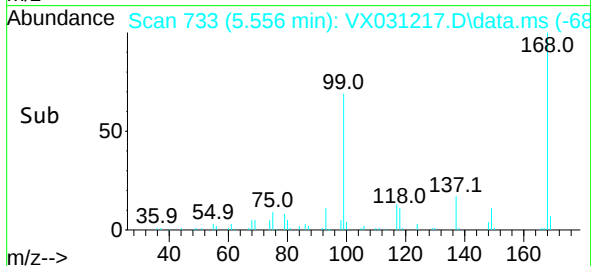
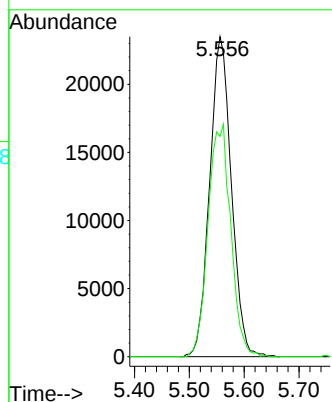
MSVOA_X

ClientSampleId :

MW-43DL

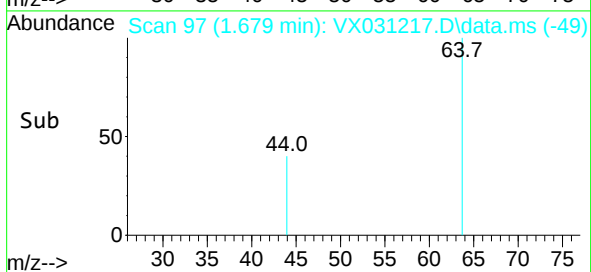
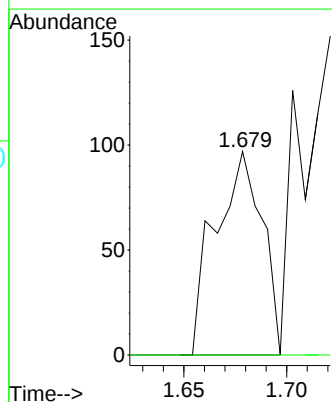
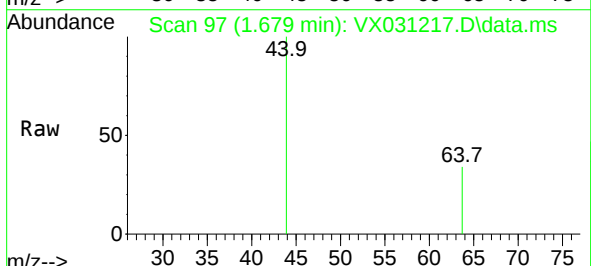


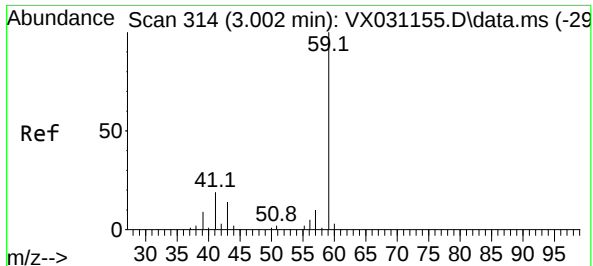
Tgt Ion:168 Resp: 64563
Ion Ratio Lower Upper
168 100
99 68.9 44.0 66.0#



#6
Chloroethane
Concen: 0.292 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX031217.D
Acq: 08 Sep 2022 17:27

Tgt Ion: 64 Resp: 154
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#





#11

Tert butyl alcohol

Concen: 5.969 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.031 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

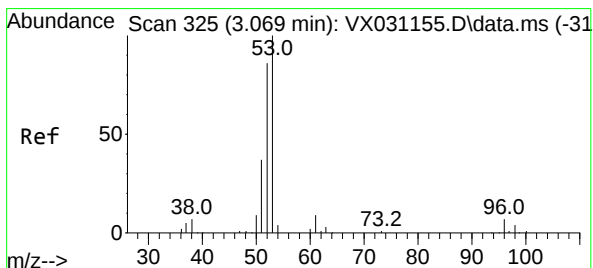
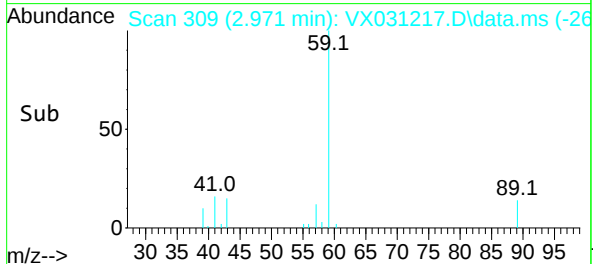
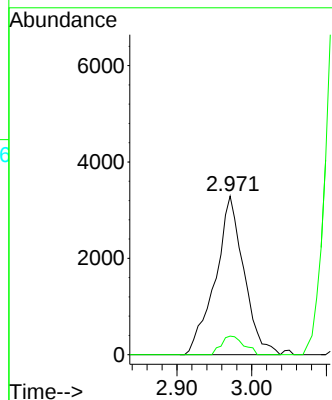
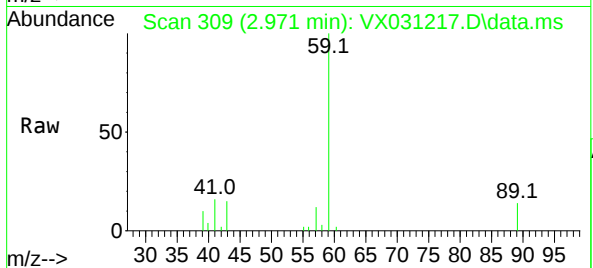
MW-43DL

Tgt Ion: 59 Resp: 8745

Ion Ratio Lower Upper

59 100

57 9.2 7.4 11.2



#15

Acrylonitrile

Concen: 1.878 ug/l

RT: 3.111 min Scan# 332

Delta R.T. 0.043 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

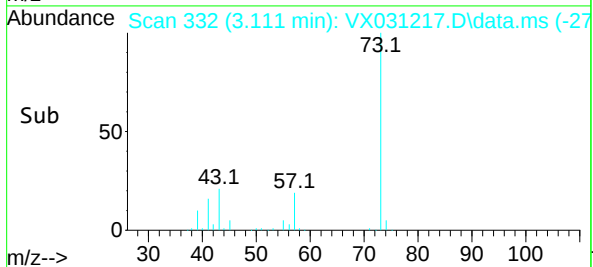
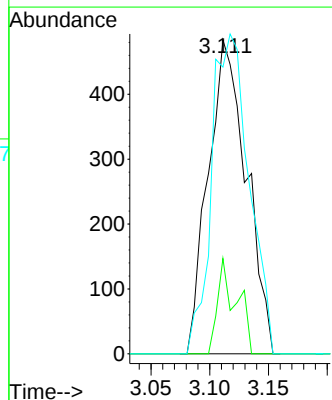
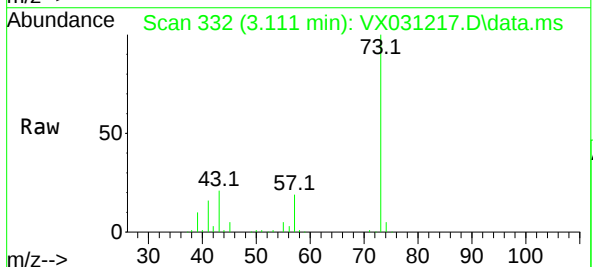
Tgt Ion: 53 Resp: 1093

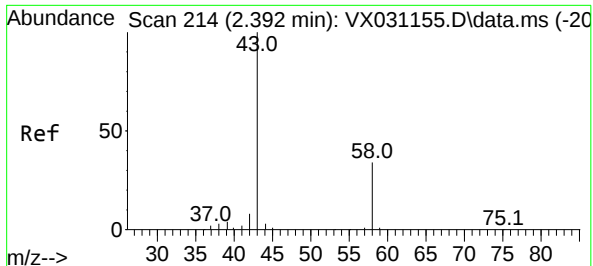
Ion Ratio Lower Upper

53 100

52 15.0 65.4 98.0#

51 99.9 27.7 41.5#

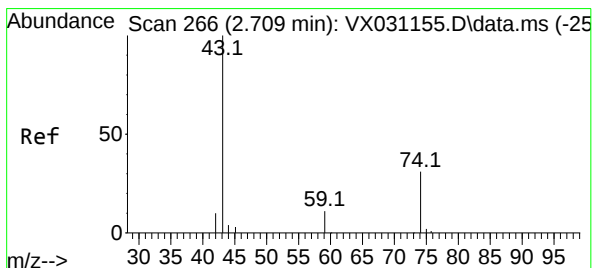
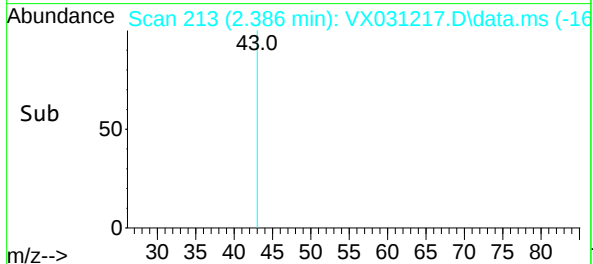
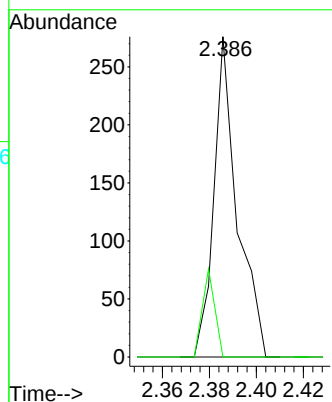
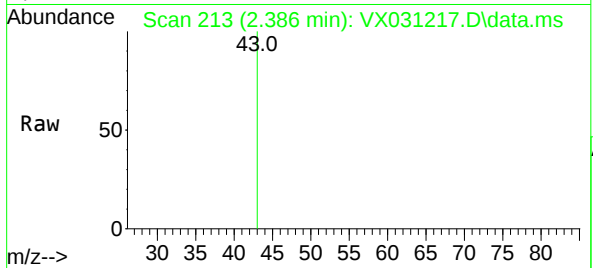




#16
Acetone
Concen: 0.357 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX031217.D
Acq: 08 Sep 2022 17:27

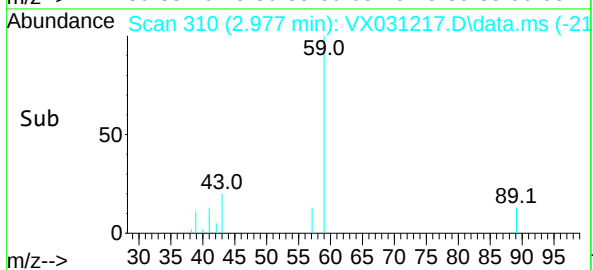
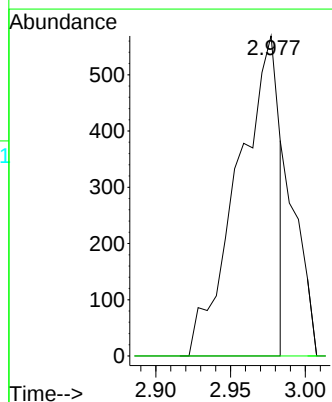
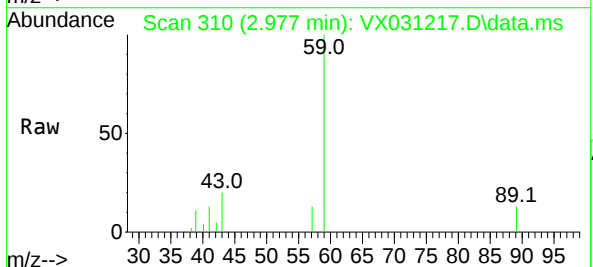
Instrument :
MSVOA_X
ClientSampleId :
MW-43DL

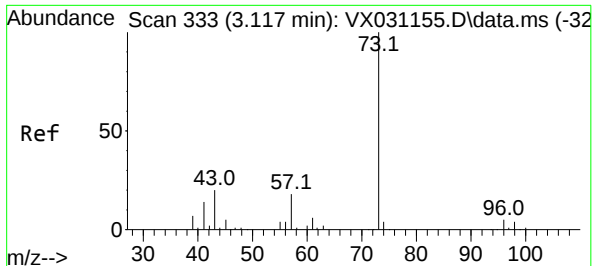
Tgt Ion: 43 Resp: 189
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#18
Methyl Acetate
Concen: 0.806 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.268 min
Lab File: VX031217.D
Acq: 08 Sep 2022 17:27

Tgt Ion: 43 Resp: 1105
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#





#19

Methyl tert-butyl Ether

Concen: 28.300 ug/l

RT: 3.117 min Scan# 31

Delta R.T. -0.000 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

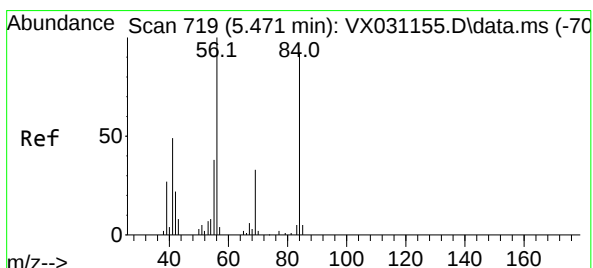
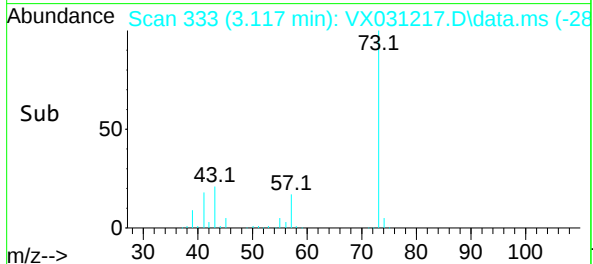
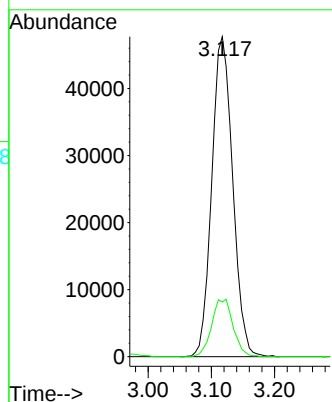
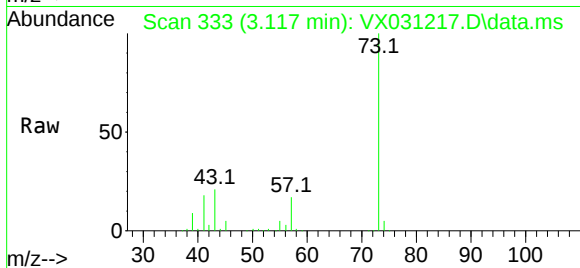
MW-43DL

Tgt Ion: 73 Resp: 109568

Ion Ratio Lower Upper

73 100

57 17.1 19.0 28.6#



#31

Cyclohexane

Concen: 0.589 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

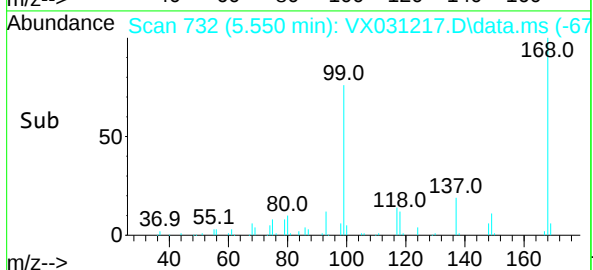
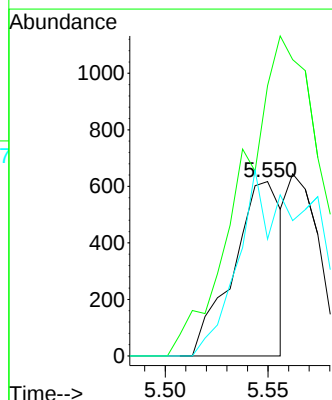
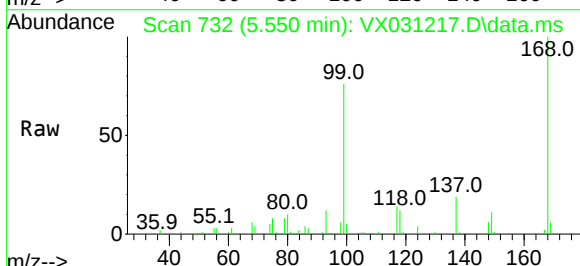
Tgt Ion: 56 Resp: 1006

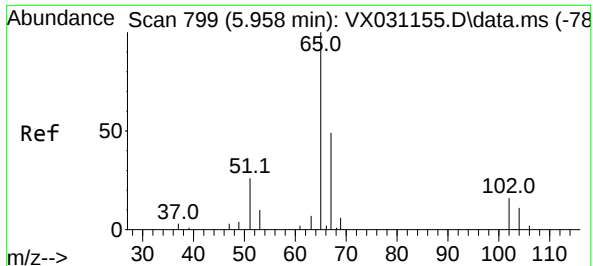
Ion Ratio Lower Upper

56 100

69 142.8 25.4 38.0#

84 66.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.565 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

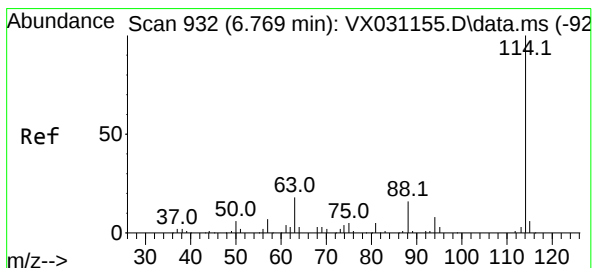
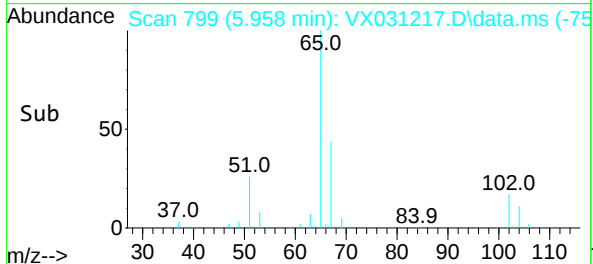
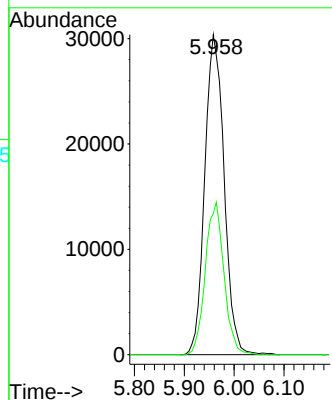
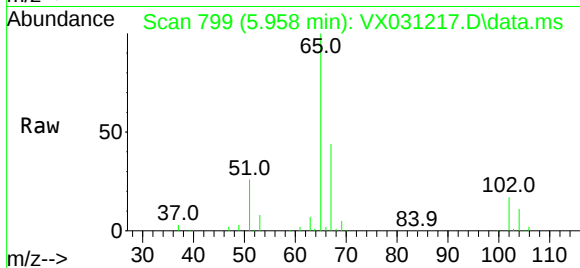
MW-43DL

Tgt Ion: 65 Resp: 81877

Ion Ratio Lower Upper

65 100

67 46.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

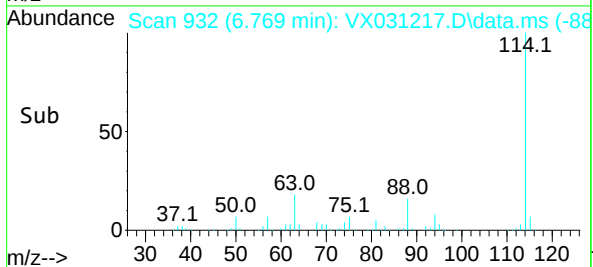
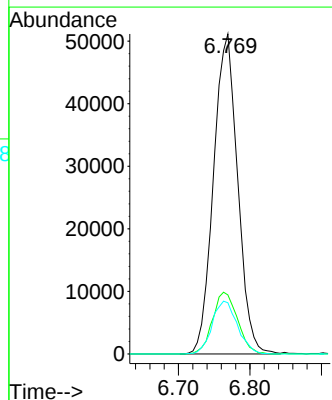
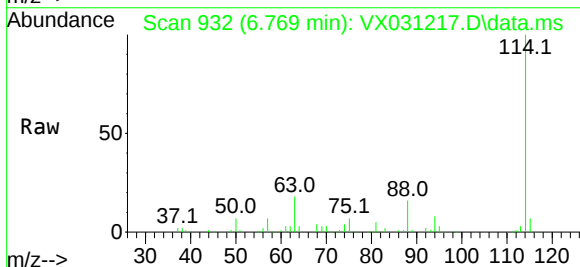
Tgt Ion: 114 Resp: 119985

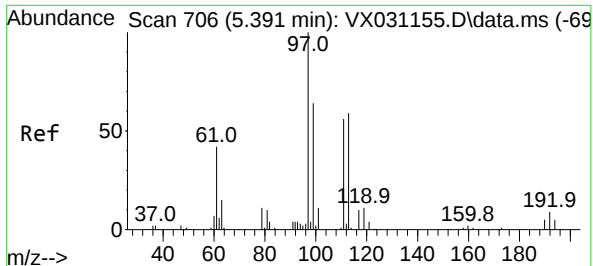
Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.4

88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 43.756 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

MW-43DL

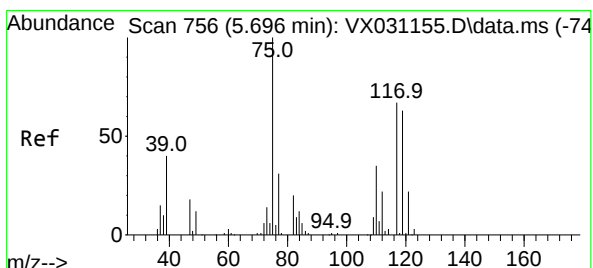
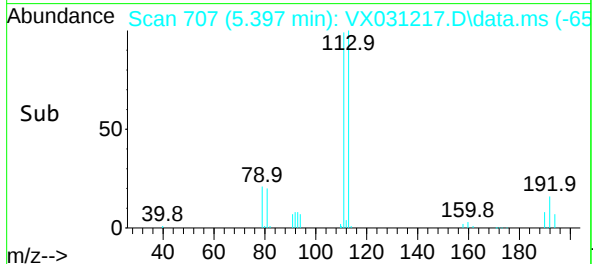
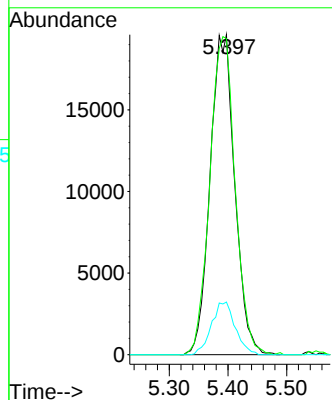
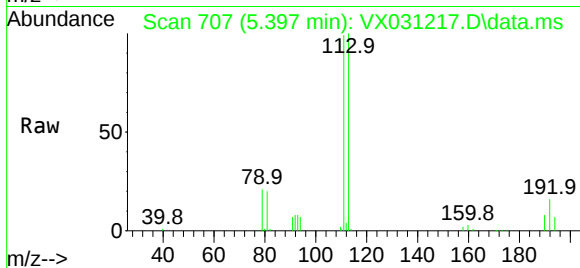
Tgt Ion:113 Resp: 57212

Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

192 15.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.112 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

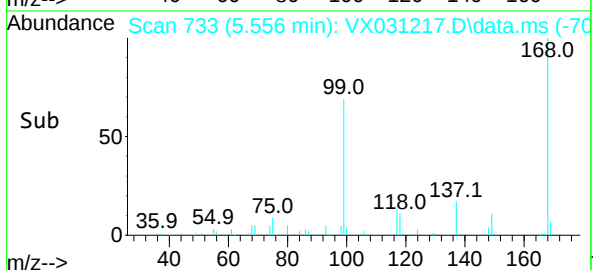
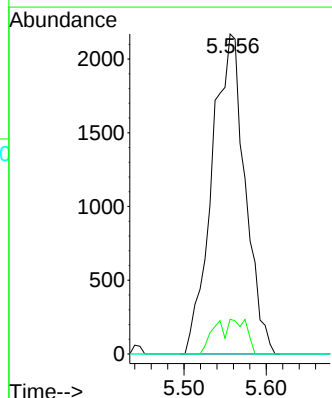
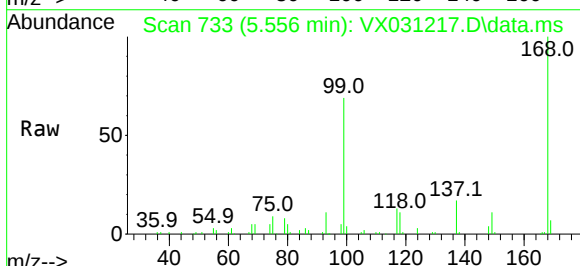
Tgt Ion: 75 Resp: 6093

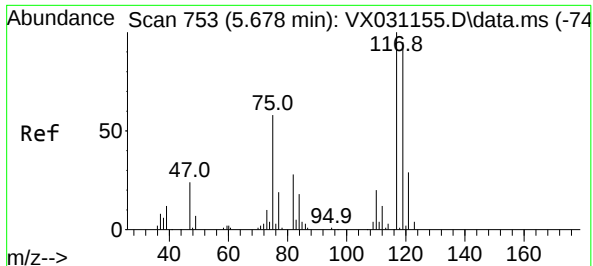
Ion Ratio Lower Upper

75 100

110 5.9 19.3 57.9#

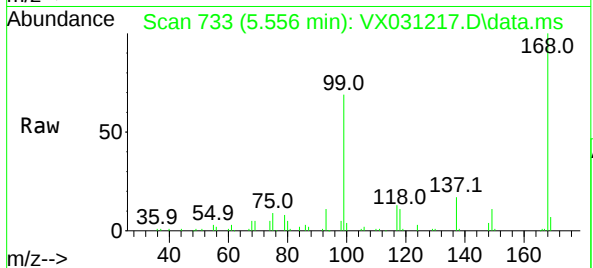
77 0.0 24.4 36.6#



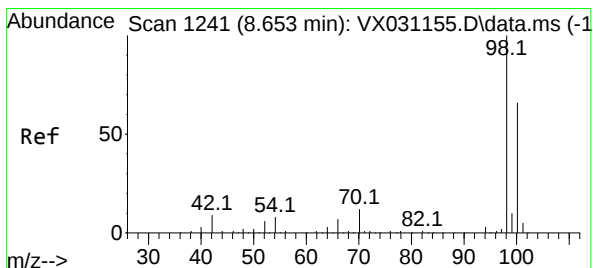
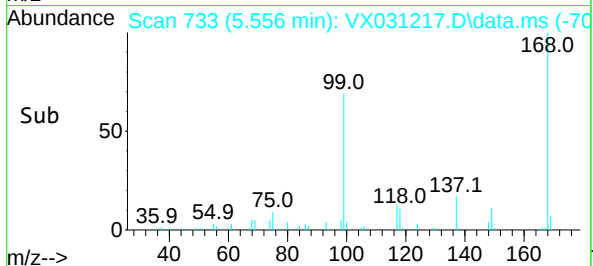
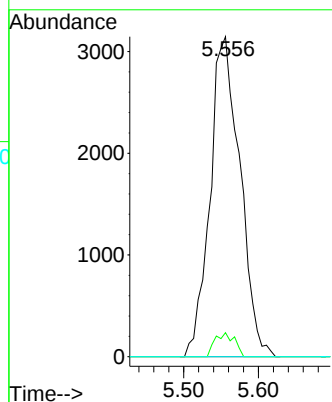


#38
Carbon Tetrachloride
Concen: 4.260 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031217.D
Acq: 08 Sep 2022 17:27

Instrument :
MSVOA_X
ClientSampleId :
MW-43DL

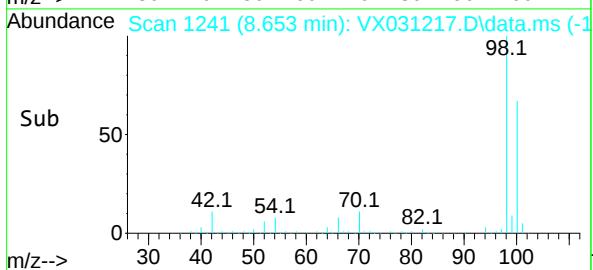
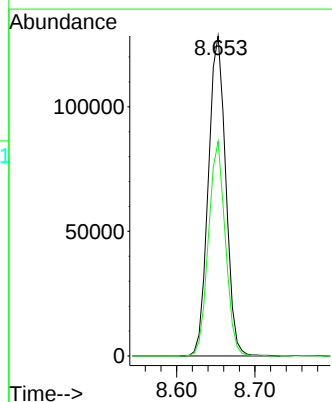
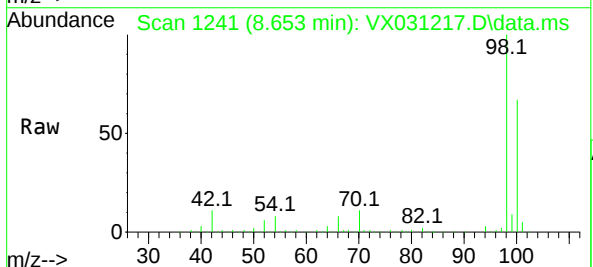


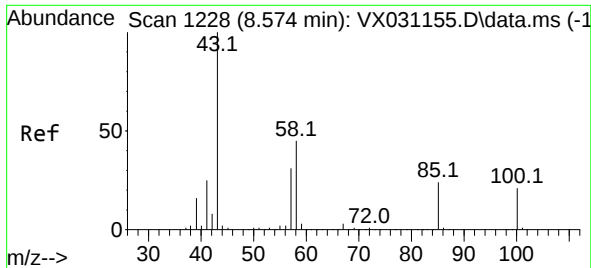
Tgt Ion:117 Resp: 8776
Ion Ratio Lower Upper
117 100
119 7.5 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 41.643 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031217.D
Acq: 08 Sep 2022 17:27

Tgt Ion: 98 Resp: 197825
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5

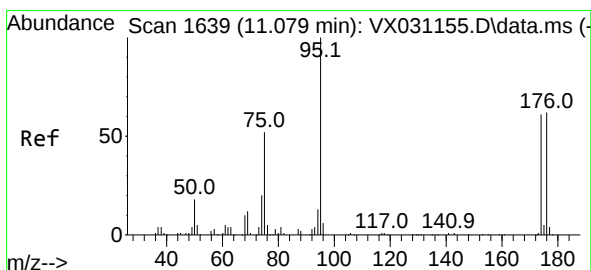
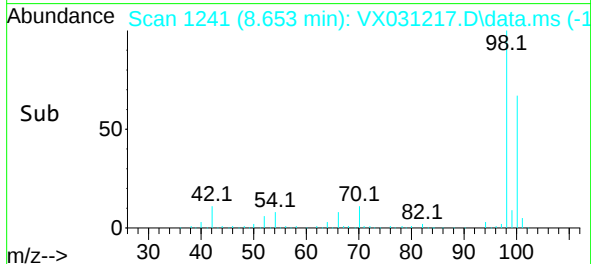
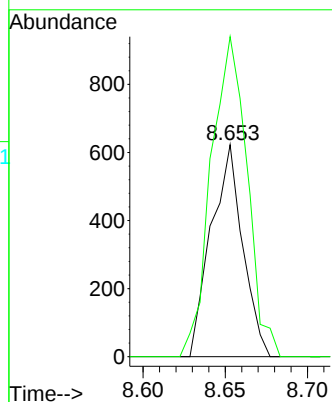
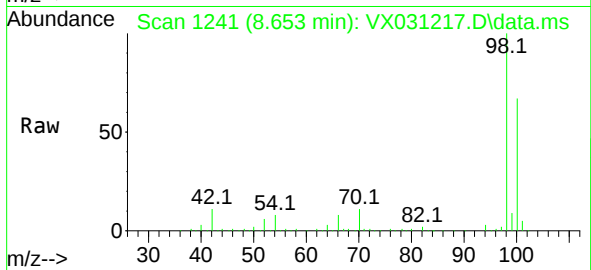




#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX031217.D
Acq: 08 Sep 2022 17:27

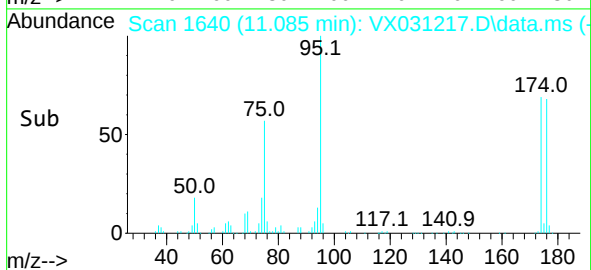
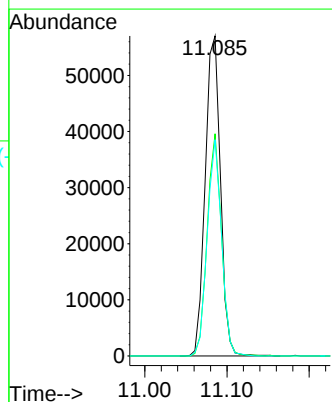
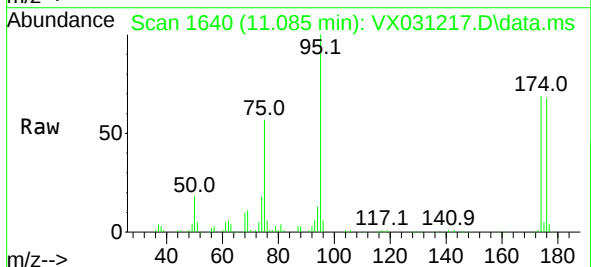
Instrument :
MSVOA_X
ClientSampleId :
MW-43DL

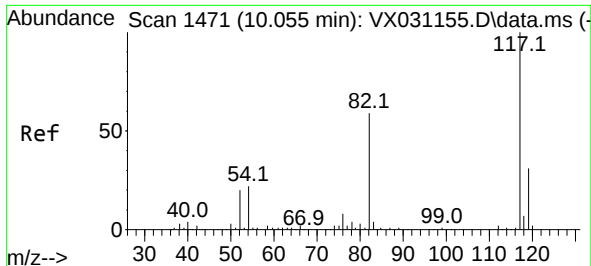
Tgt Ion: 43 Resp: 831
Ion Ratio Lower Upper
43 100
58 172.0 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 42.167 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031217.D
Acq: 08 Sep 2022 17:27

Tgt Ion: 95 Resp: 73408
Ion Ratio Lower Upper
95 100
174 65.2 0.0 149.0
176 63.7 0.0 146.0

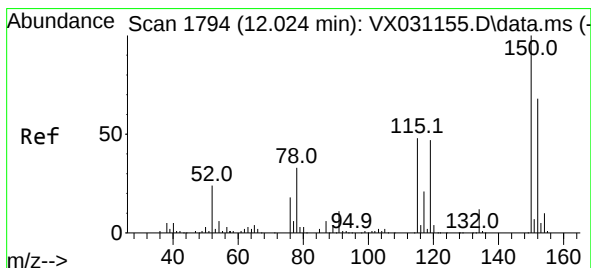
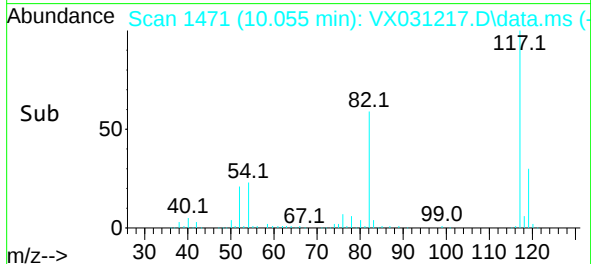
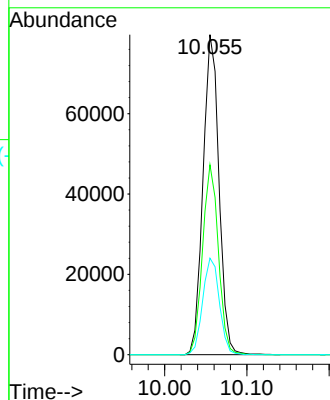
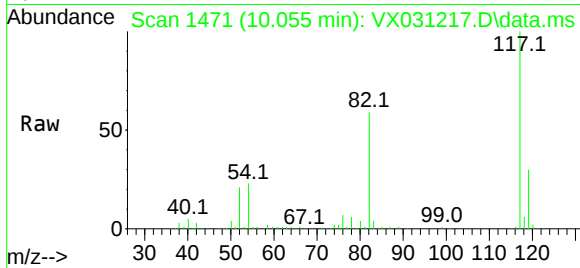




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031217.D
Acq: 08 Sep 2022 17:27

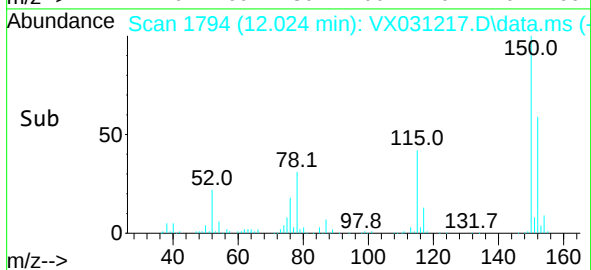
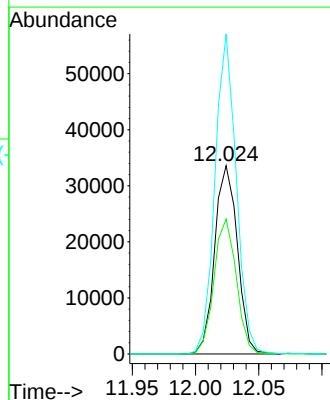
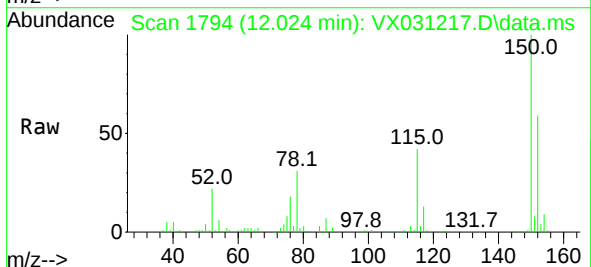
Instrument :
MSVOA_X
ClientSampleId :
MW-43DL

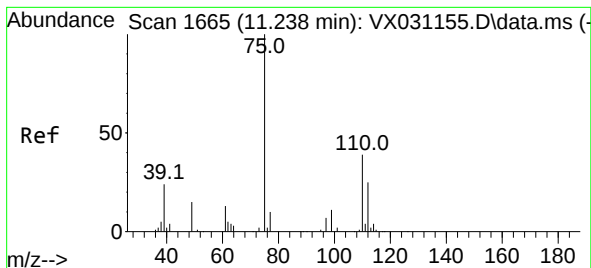
Tgt Ion:117 Resp: 107293
Ion Ratio Lower Upper
117 100
82 59.3 42.7 64.1
119 30.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031217.D
Acq: 08 Sep 2022 17:27

Tgt Ion:152 Resp: 41909
Ion Ratio Lower Upper
152 100
115 70.7 40.5 121.5
150 159.4 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 36.465 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.152 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

Instrument :

MSVOA_X

ClientSampleId :

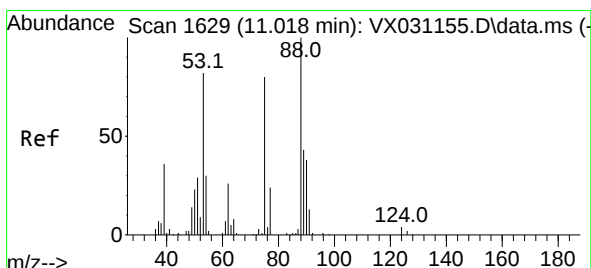
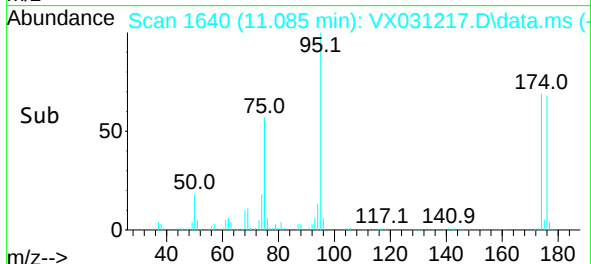
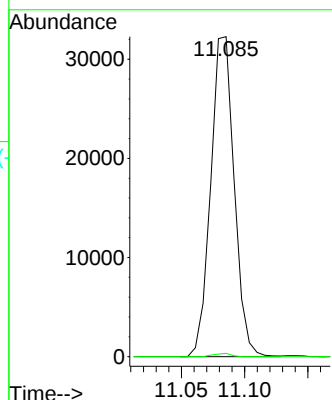
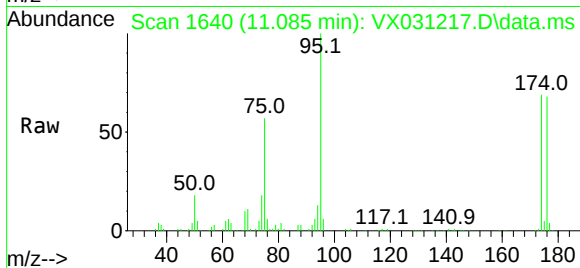
MW-43DL

Tgt Ion: 75 Resp: 41707

Ion Ratio Lower Upper

75 100

77 0.7 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 117.595 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX031217.D

Acq: 08 Sep 2022 17:27

Tgt Ion: 75 Resp: 41707

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.2 34.8 52.2#

