

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040210.D
 Acq On : 12 Feb 2024 19:18
 Operator : JC/MD
 Sample : P1371-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T317-AOP

Quant Time: Feb 13 00:43:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

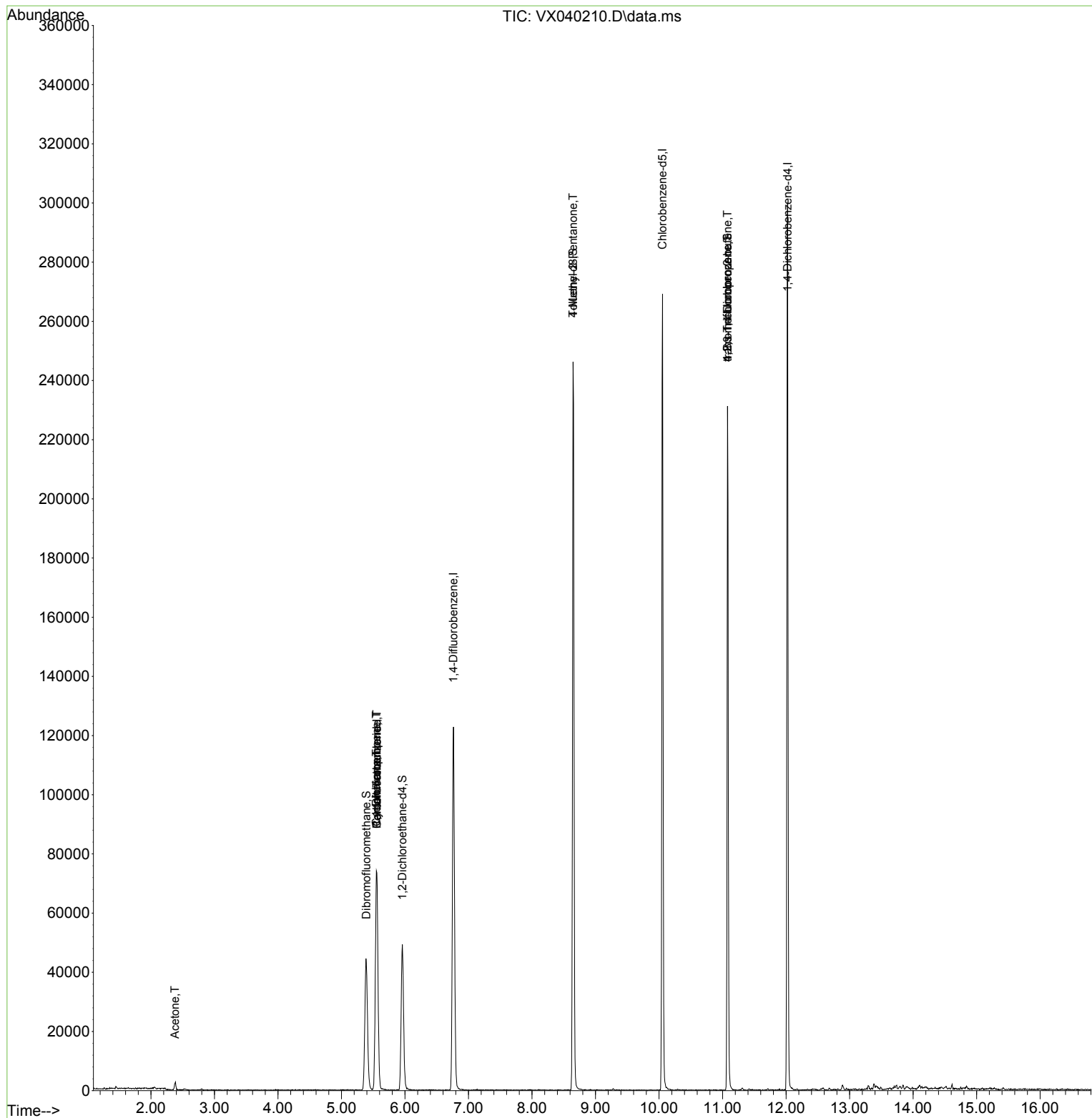
Internal Standards						
1) Pentafluorobenzene	5.556	168	71144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47366	44.752	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.500%
35) Dibromofluoromethane	5.391	113	38629	45.200	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.400%
50) Toluene-d8	8.647	98	149865	46.878	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.760%
62) 4-Bromofluorobenzene	11.079	95	60451	46.365	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.720%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	2610	6.004	ug/l	99
20) Methylene Chloride	2.782	84	93	Below Cal	#	36
31) Cyclohexane	5.550	56	1577	1.249	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	5932	4.955	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7569	6.649	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	624	0.440	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32075	25.669	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	32075	70.513	ug/l #	5

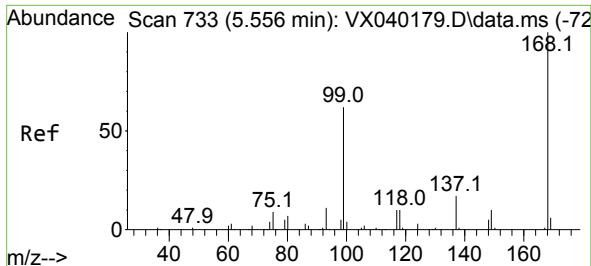
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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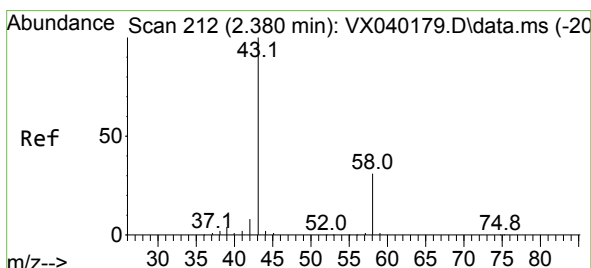
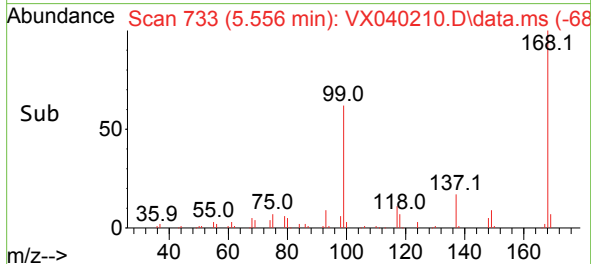
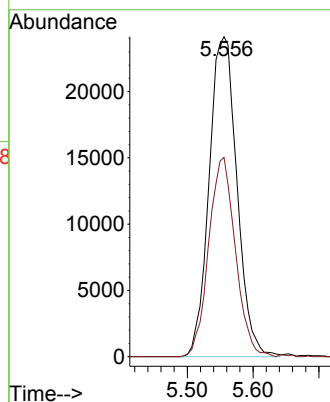
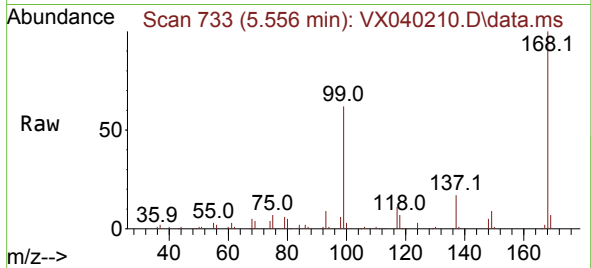




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040210.D
Acq: 12 Feb 2024 19:18

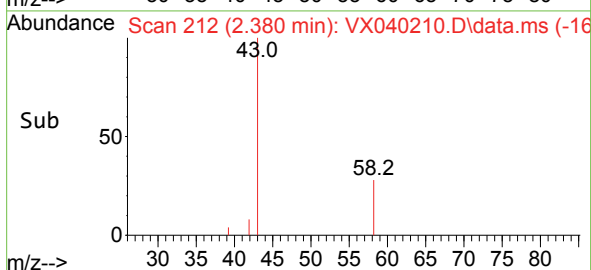
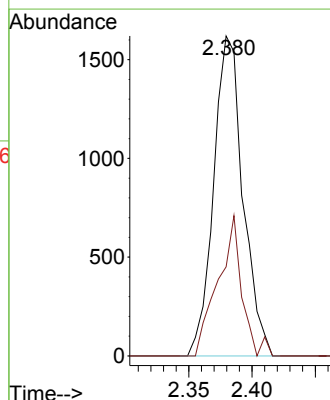
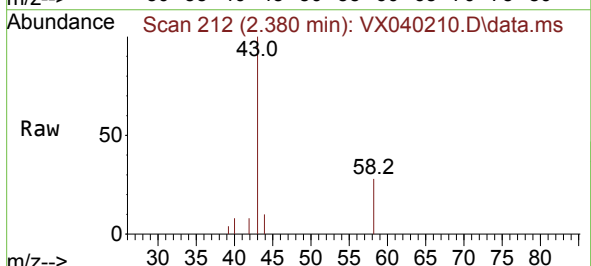
Instrument :
MSVOA_X
ClientSampleId :
T317-AOP

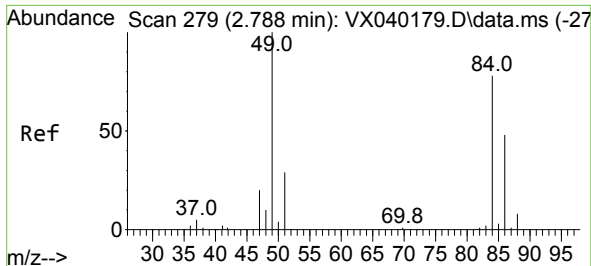
Tgt Ion:168 Resp: 71144
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#16
Acetone
Concen: 6.004 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040210.D
Acq: 12 Feb 2024 19:18

Tgt Ion: 43 Resp: 2610
Ion Ratio Lower Upper
43 100
58 27.8 21.9 32.9





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX040210.D

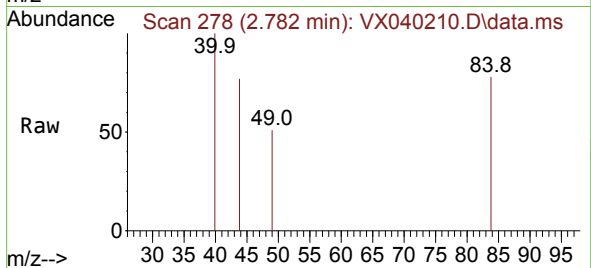
Acq: 12 Feb 2024 19:18

Instrument :

MSVOA_X

ClientSampleId :

T317-AOP



Tgt Ion: 84 Resp: 93

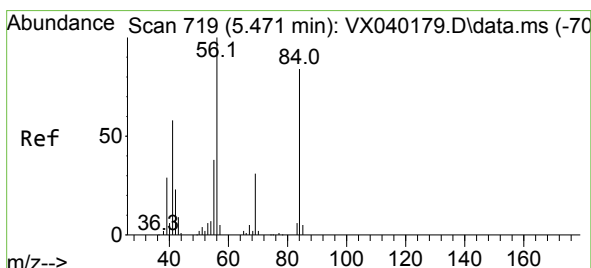
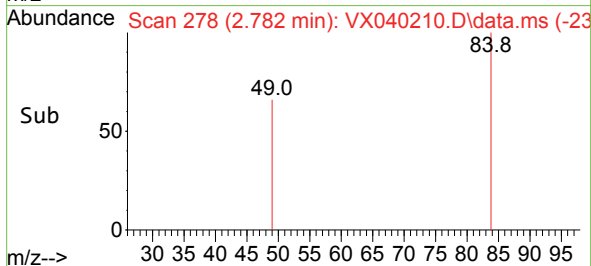
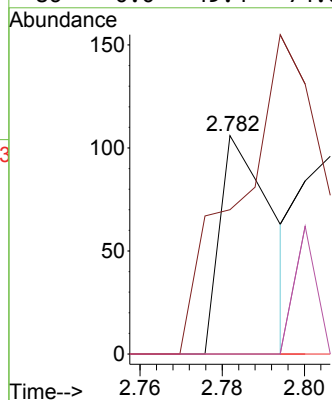
Ion Ratio Lower Upper

84 100

49 66.0 103.6 155.4#

51 0.0 33.8 50.6#

86 0.0 49.4 74.0#



#31

Cyclohexane

Concen: 1.249 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX040210.D

Acq: 12 Feb 2024 19:18

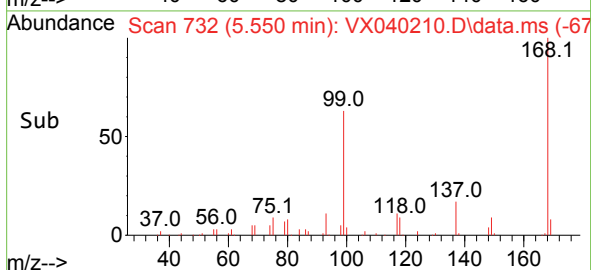
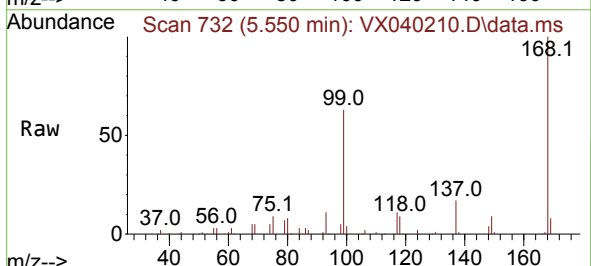
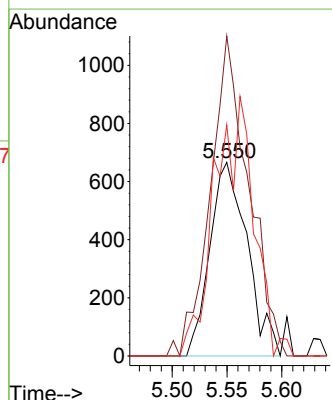
Tgt Ion: 56 Resp: 1577

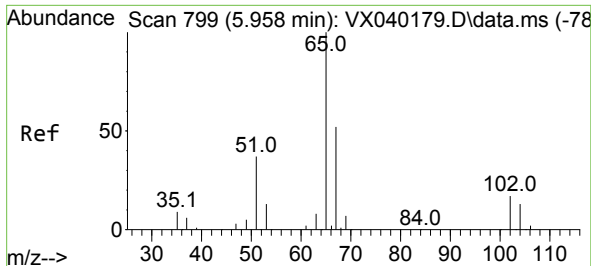
Ion Ratio Lower Upper

56 100

69 165.3 23.4 35.2#

84 119.4 65.9 98.9#

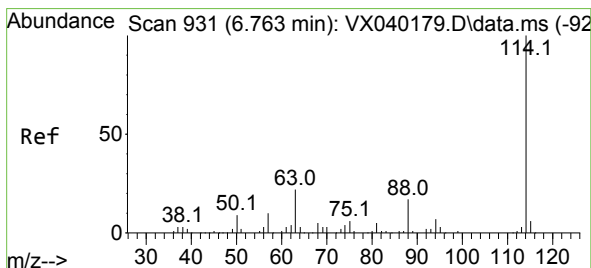
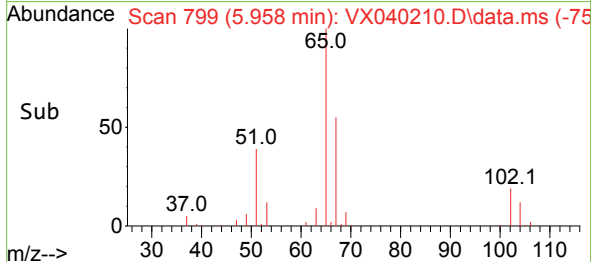
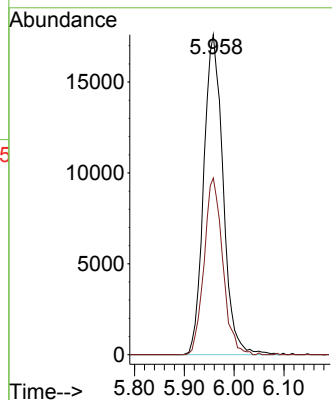
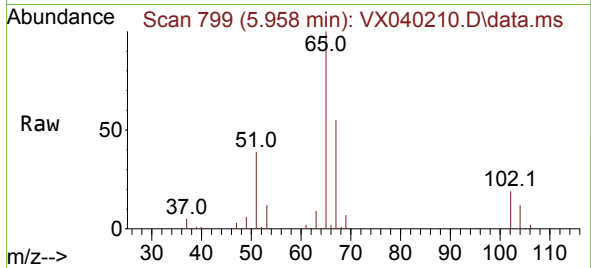




#33
1,2-Dichloroethane-d4
Concen: 44.752 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040210.D
Acq: 12 Feb 2024 19:18

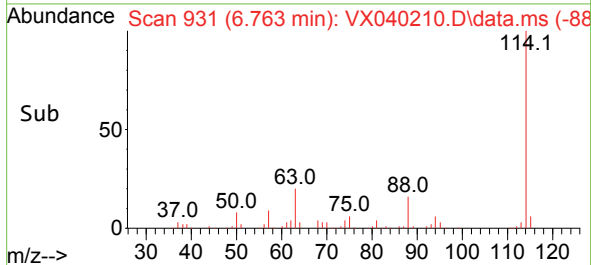
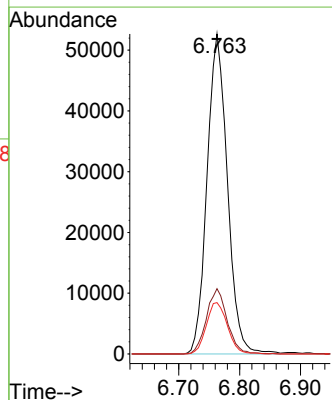
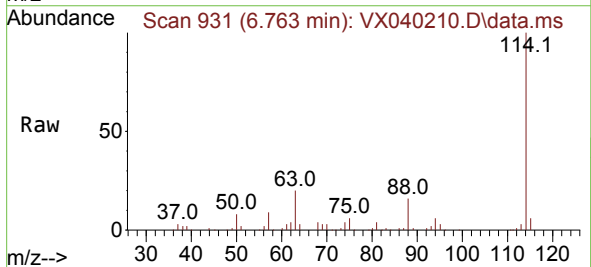
Instrument :
MSVOA_X
ClientSampleId :
T317-AOP

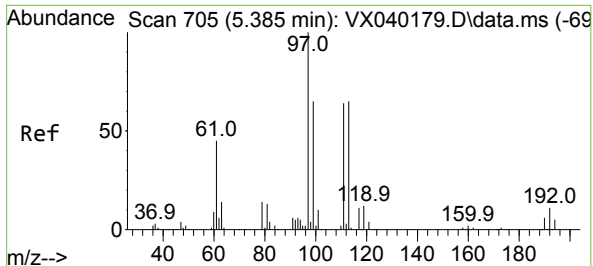
Tgt Ion: 65 Resp: 47366
Ion Ratio Lower Upper
65 100
67 53.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040210.D
Acq: 12 Feb 2024 19:18

Tgt Ion: 114 Resp: 122378
Ion Ratio Lower Upper
114 100
63 20.4 0.0 45.0
88 16.0 0.0 36.6

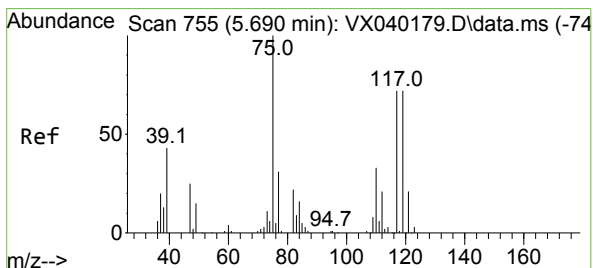
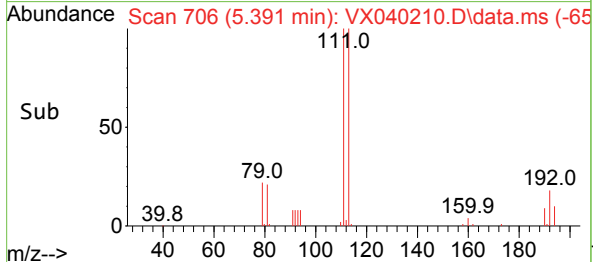
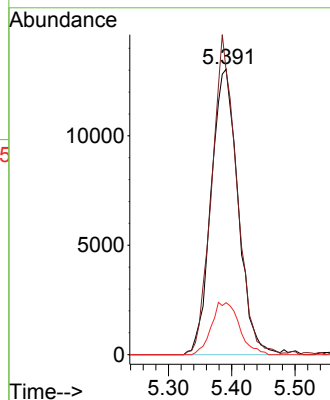
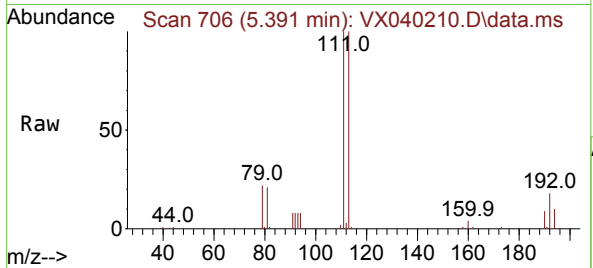




#35
Dibromofluoromethane
Concen: 45.200 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040210.D
Acq: 12 Feb 2024 19:18

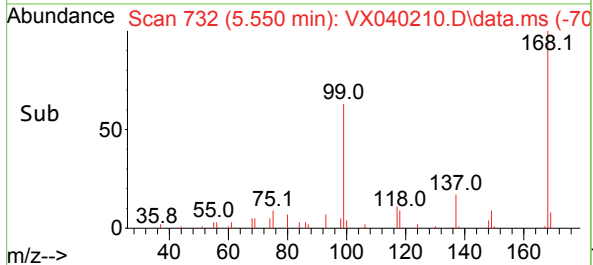
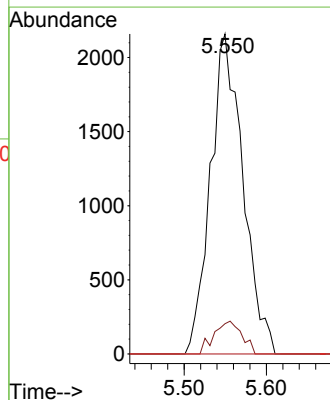
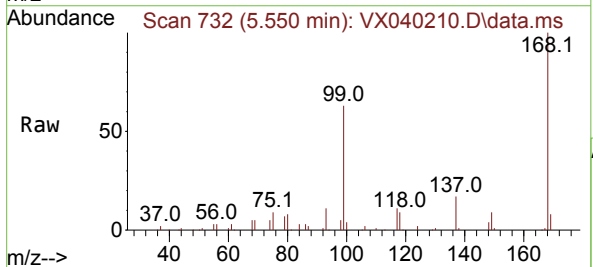
Instrument :
MSVOA_X
ClientSampleId :
T317-AOP

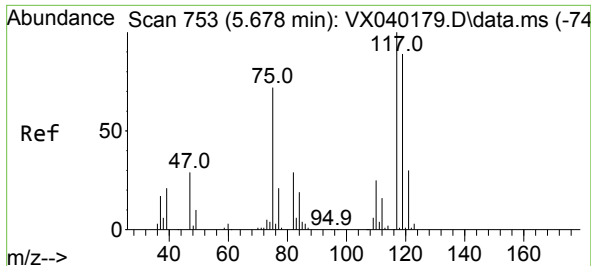
Tgt Ion:113 Resp: 38629
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.955 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040210.D
Acq: 12 Feb 2024 19:18

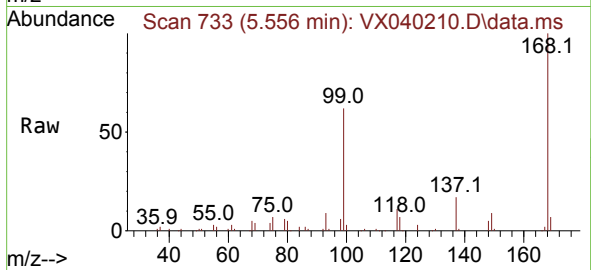
Tgt Ion: 75 Resp: 5932
Ion Ratio Lower Upper
75 100
110 8.8 17.0 50.9#
77 0.0 24.7 37.1#



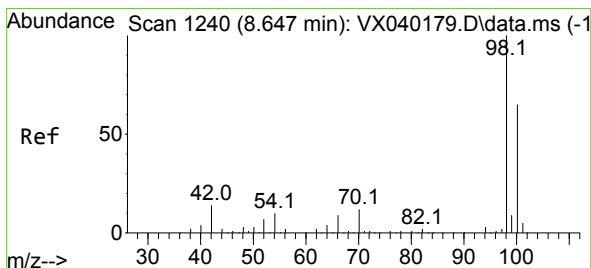
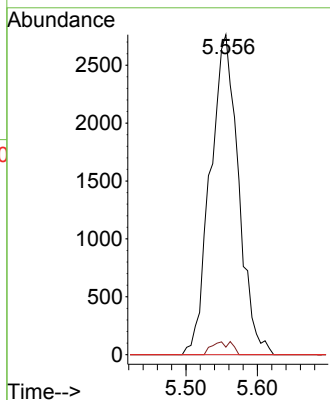
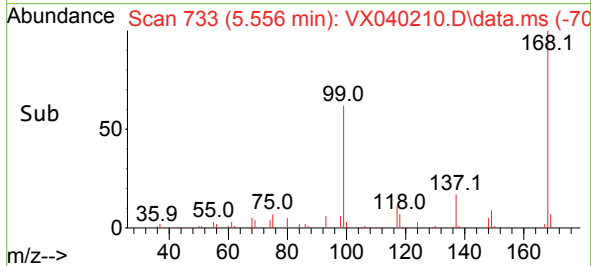


#38
Carbon Tetrachloride
Concen: 6.649 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX040210.D
Acq: 12 Feb 2024 19:18

Instrument :
MSVOA_X
ClientSampleId :
T317-AOP

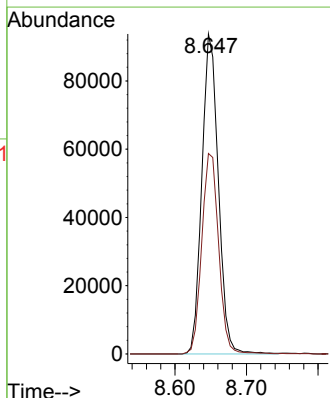
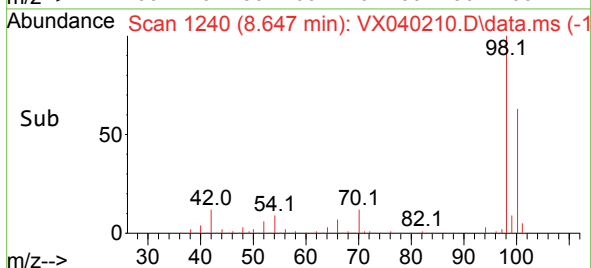
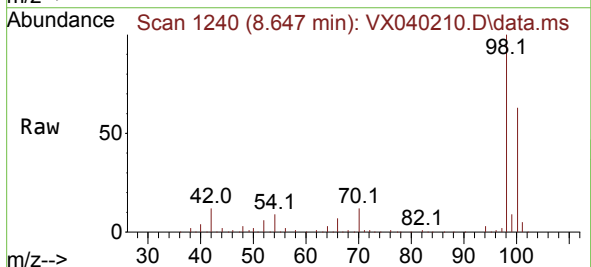


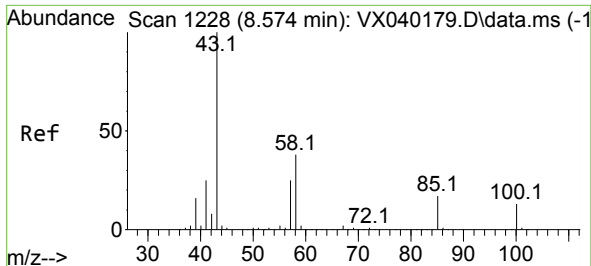
Tgt Ion:117 Resp: 7569
Ion Ratio Lower Upper
117 100
119 2.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.878 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040210.D
Acq: 12 Feb 2024 19:18

Tgt Ion: 98 Resp: 149865
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

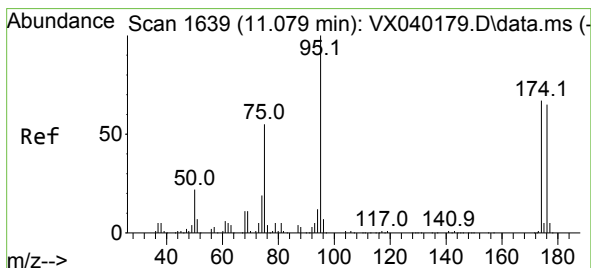
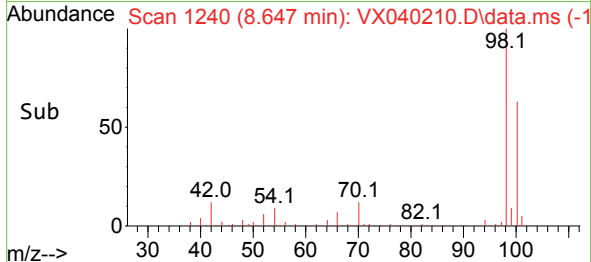
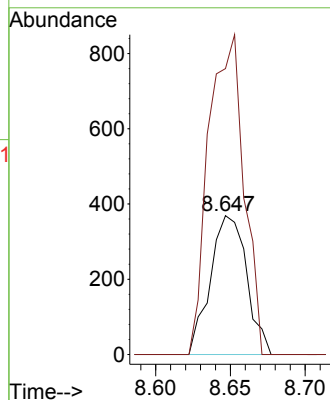
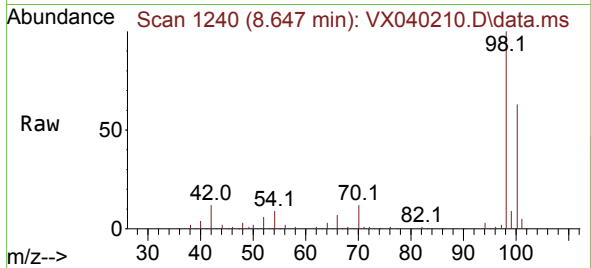




#51
4-Methyl-2-Pentanone
Concen: 0.440 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040210.D
Acq: 12 Feb 2024 19:18

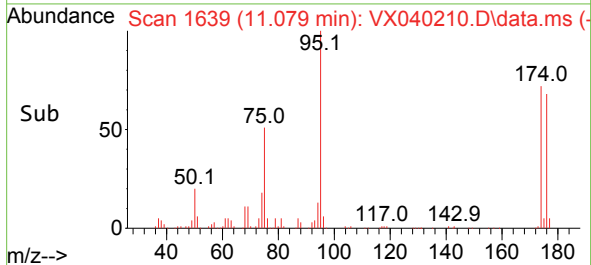
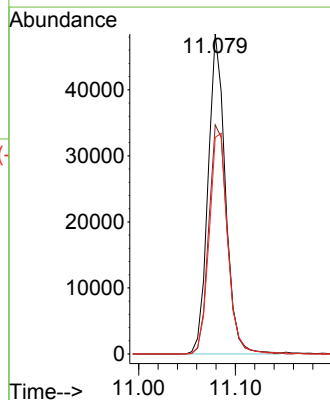
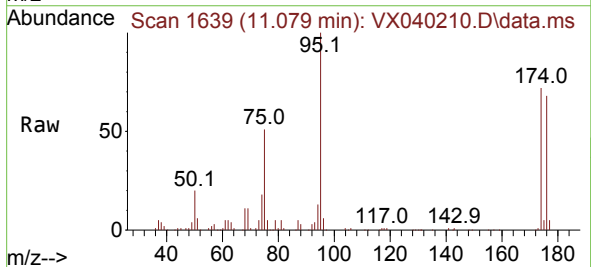
Instrument :
MSVOA_X
ClientSampleId :
T317-AOP

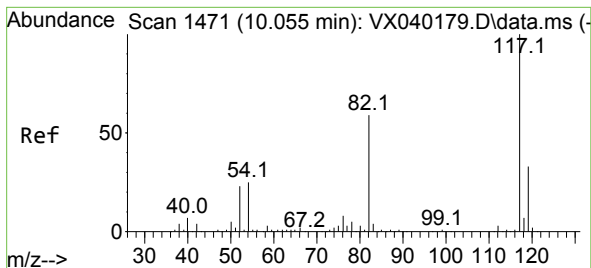
Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
58 223.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040210.D
Acq: 12 Feb 2024 19:18

Tgt Ion: 95 Resp: 60451
Ion Ratio Lower Upper
95 100
174 76.6 0.0 135.6
176 74.0 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX040210.D

Acq: 12 Feb 2024 19:18

Instrument :

MSVOA_X

ClientSampleId :

T317-AOP

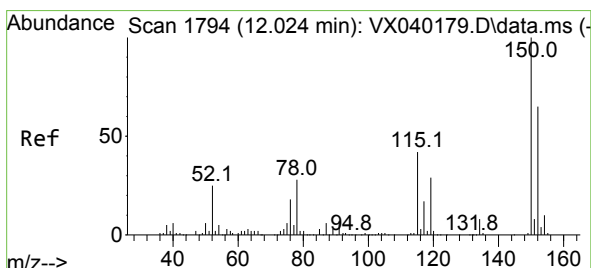
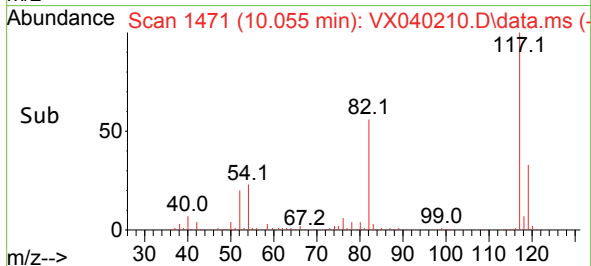
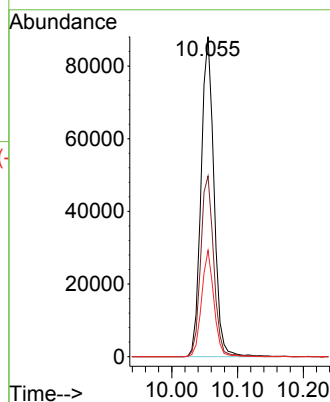
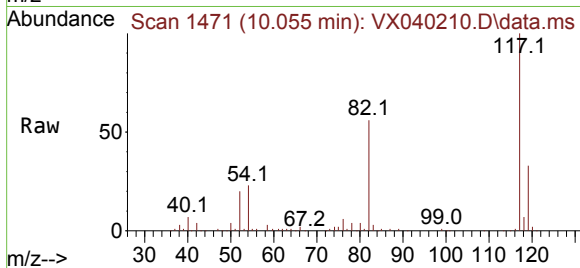
Tgt Ion:117 Resp: 120078

Ion Ratio Lower Upper

117 100

82 56.4 46.2 69.4

119 33.2 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040210.D

Acq: 12 Feb 2024 19:18

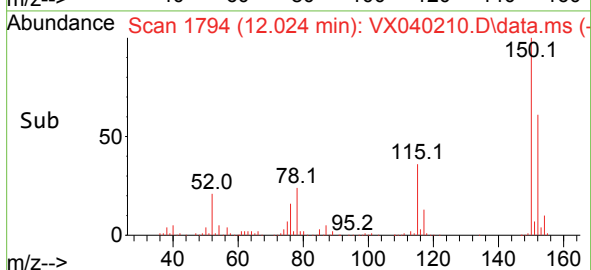
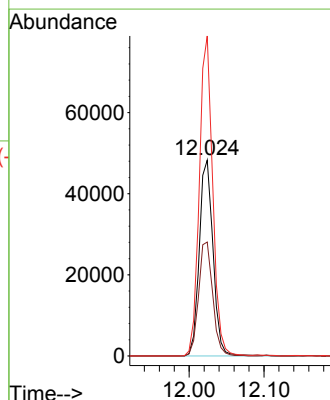
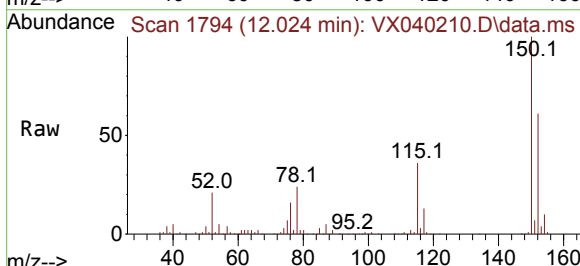
Tgt Ion:152 Resp: 61706

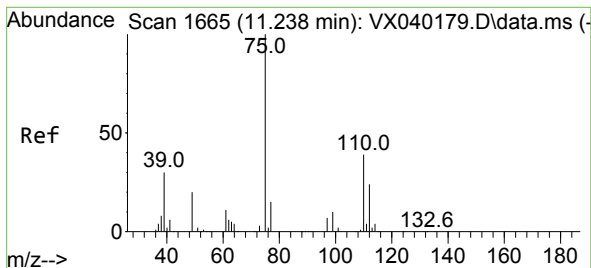
Ion Ratio Lower Upper

152 100

115 59.7 43.3 129.9

150 158.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.669 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040210.D

Acq: 12 Feb 2024 19:18

Instrument :

MSVOA_X

ClientSampleId :

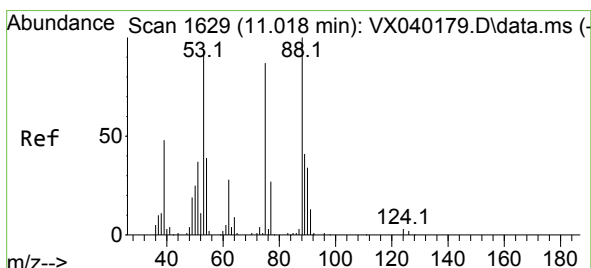
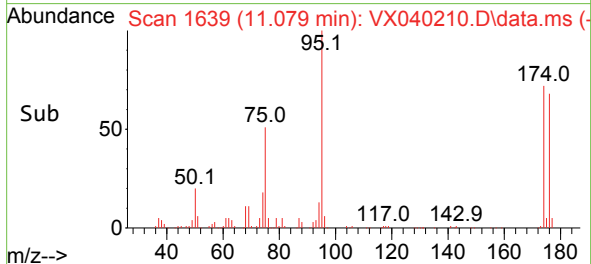
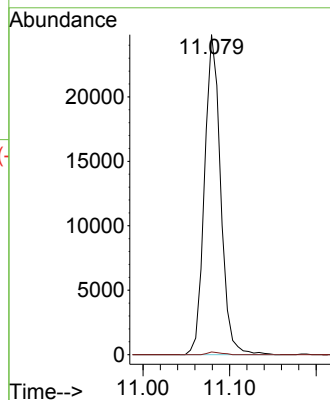
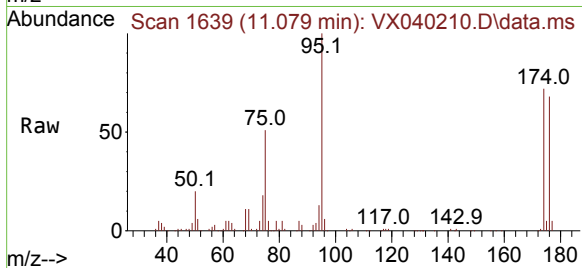
T317-AOP

Tgt Ion: 75 Resp: 32075

Ion Ratio Lower Upper

75 100

77 0.7 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 70.513 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX040210.D

Acq: 12 Feb 2024 19:18

Tgt Ion: 75 Resp: 32075

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

