

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021424\
 Data File : VX040222.D
 Acq On : 14 Feb 2024 15:55
 Operator : JC/MD
 Sample : P1371-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T180-AOP

Quant Time: Feb 15 00:04:12 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)

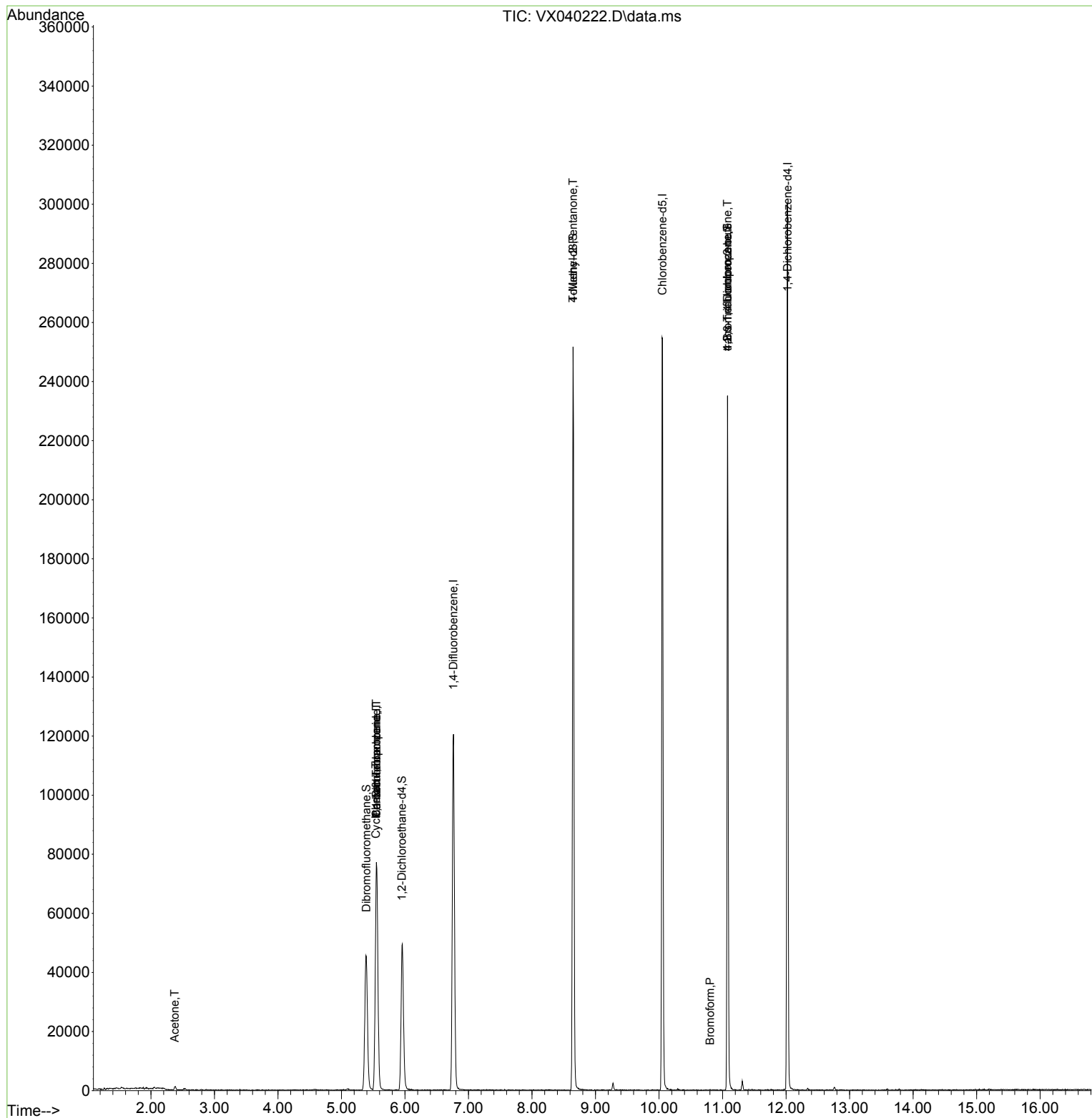
Internal Standards						
1) Pentafluorobenzene	5.550	168	74972	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	123918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	47726	42.790	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.580%
35) Dibromofluoromethane	5.391	113	40603	46.919	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.840%
50) Toluene-d8	8.647	98	151491	46.798	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.600%
62) 4-Bromofluorobenzene	11.079	95	59865	45.345	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.680%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	1333	2.910	ug/l	90
20) Methylene Chloride	2.800	84	25	Below Cal	#	51
31) Cyclohexane	5.544	56	1574	1.183	ug/l	# 45
36) 1,1-Dichloropropene	5.550	75	5680	4.686	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	7562	6.561	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	682	0.474	ug/l	# 1
71) Bromoform	10.805	173	106	2.195	ug/l	# 29
76) 1,2,3-Trichloropropane	11.079	75	31353	24.206	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	31353	66.698	ug/l	# 5

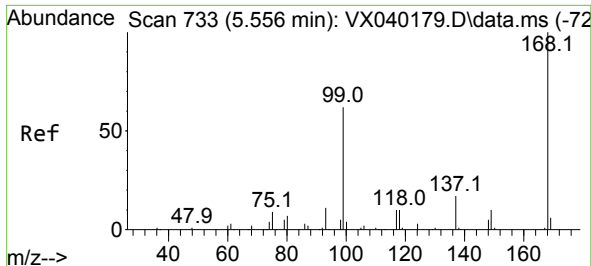
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

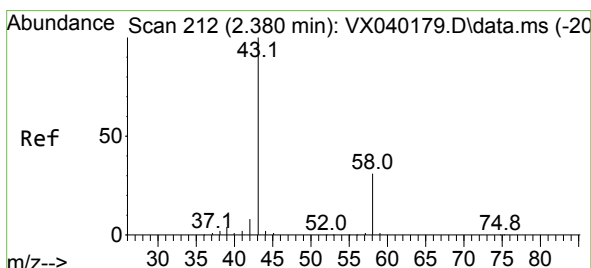
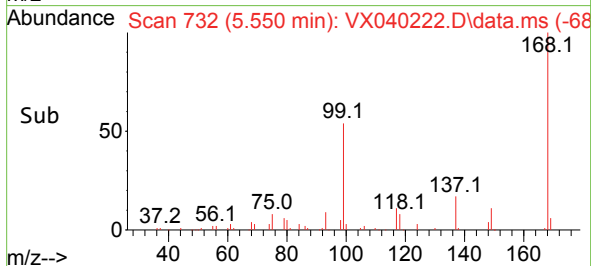
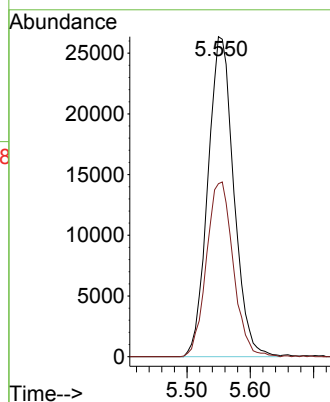
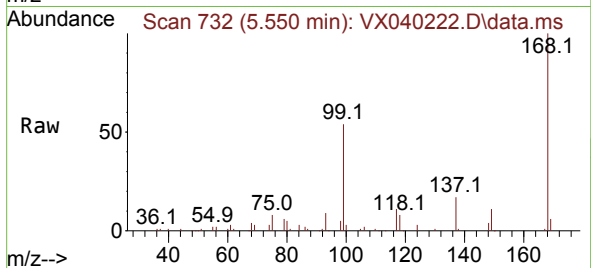




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040222.D
Acq: 14 Feb 2024 15:55

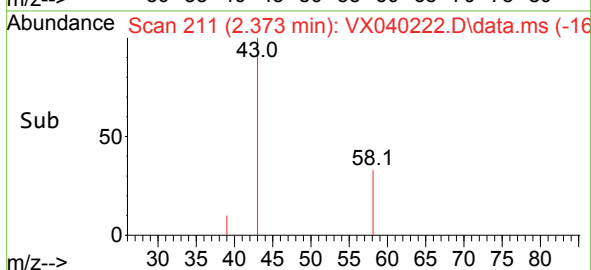
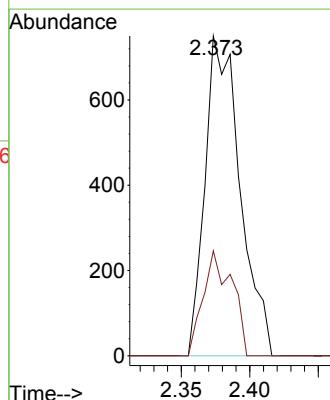
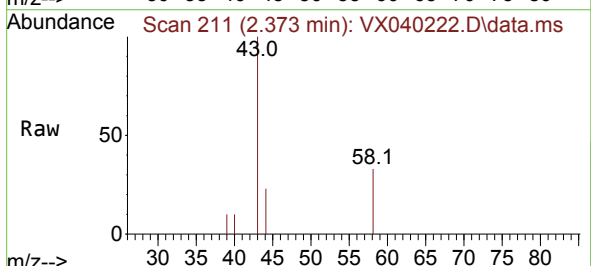
Instrument :
MSVOA_X
ClientSampleId :
T180-AOP

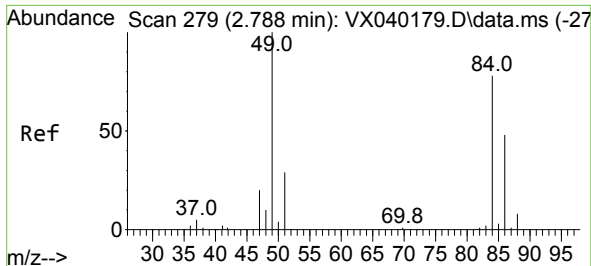
Tgt Ion:168 Resp: 74972
Ion Ratio Lower Upper
168 100
99 54.1 56.6 85.0#



#16
Acetone
Concen: 2.910 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040222.D
Acq: 14 Feb 2024 15:55

Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
58 32.8 21.9 32.9

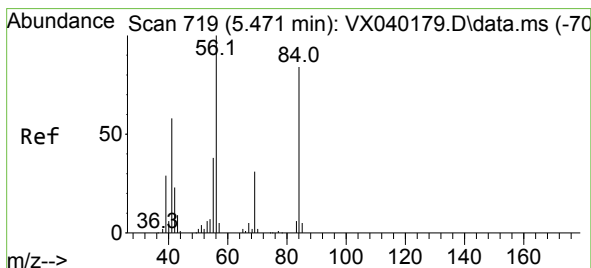
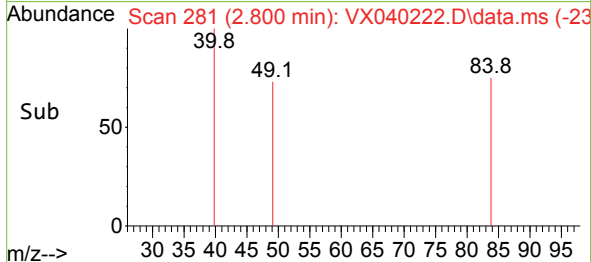
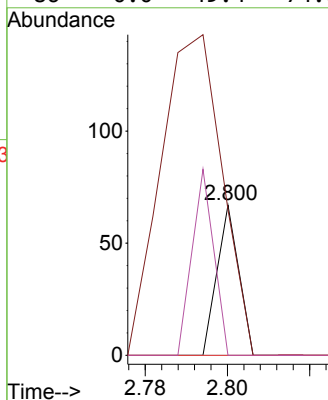
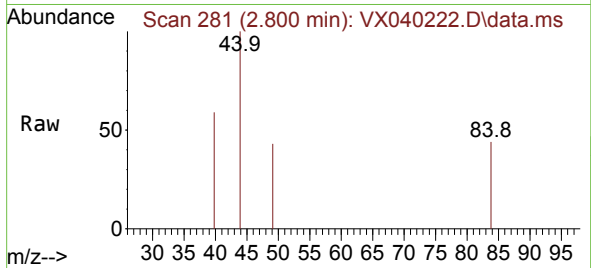




#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX040222.D
Acq: 14 Feb 2024 15:55

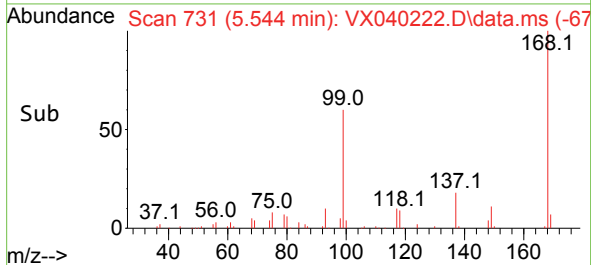
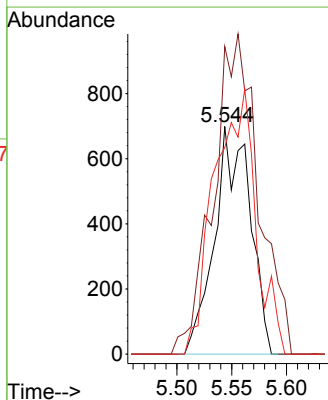
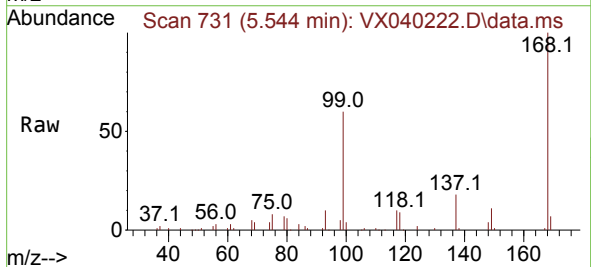
Instrument :
MSVOA_X
ClientSampleId :
T180-AOP

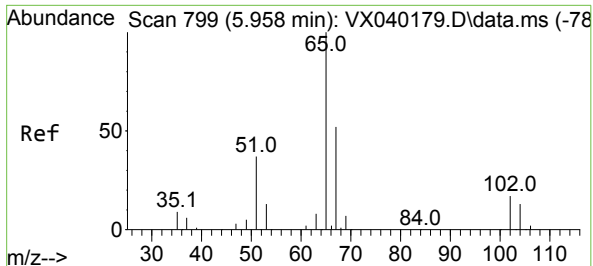
Tgt Ion: 84	Resp: 25
Ion Ratio	Lower Upper
84 100	
49 97.0	103.6 155.4#
51 0.0	33.8 50.6#
86 0.0	49.4 74.0#



#31
Cyclohexane
Concen: 1.183 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX040222.D
Acq: 14 Feb 2024 15:55

Tgt Ion: 56	Resp: 1574
Ion Ratio	Lower Upper
56 100	
69 127.5	23.4 35.2#
84 90.7	65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 42.790 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040222.D

Acq: 14 Feb 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

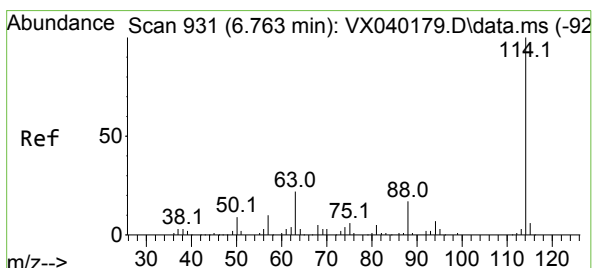
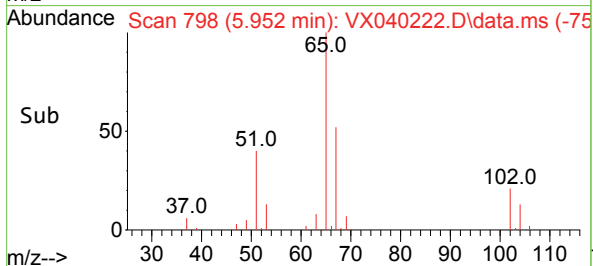
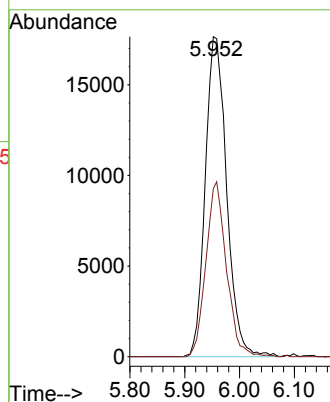
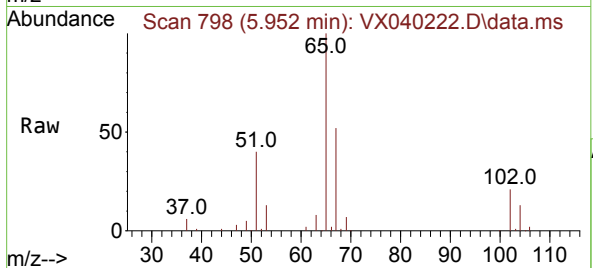
T180-AOP

Tgt Ion: 65 Resp: 47726

Ion Ratio Lower Upper

65 100

67 52.5 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: VX040222.D

Acq: 14 Feb 2024 15:55

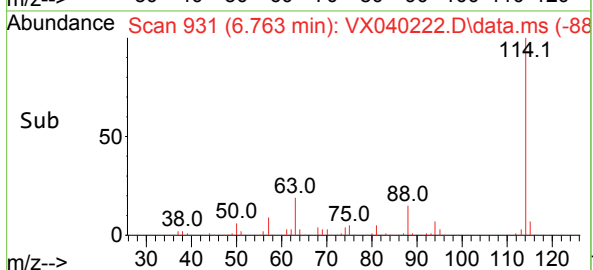
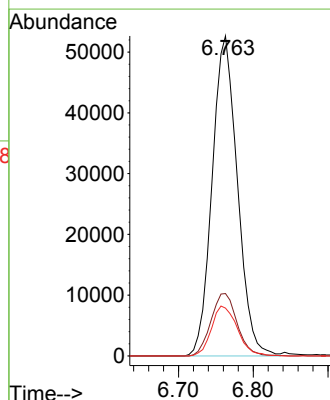
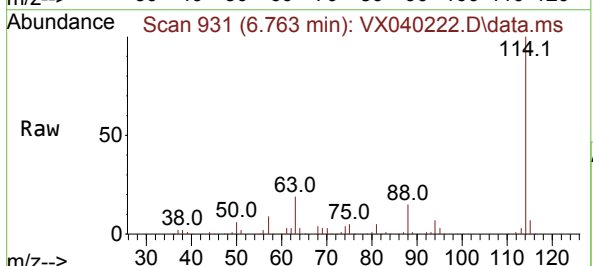
Tgt Ion: 114 Resp: 123918

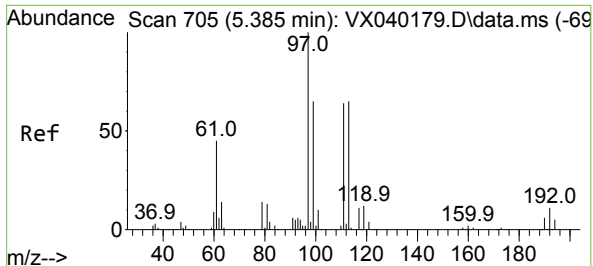
Ion Ratio Lower Upper

114 100

63 19.5 0.0 45.0

88 15.0 0.0 36.6

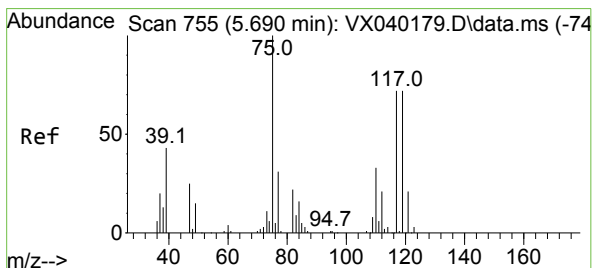
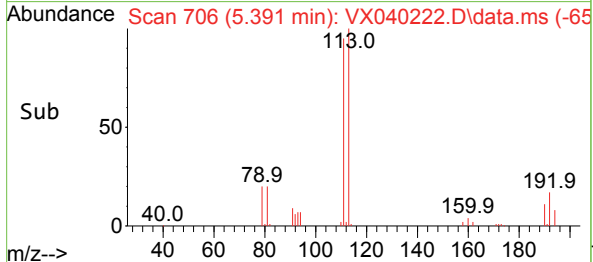
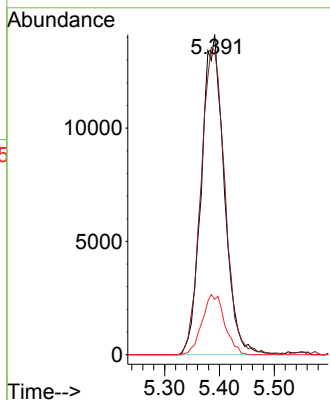
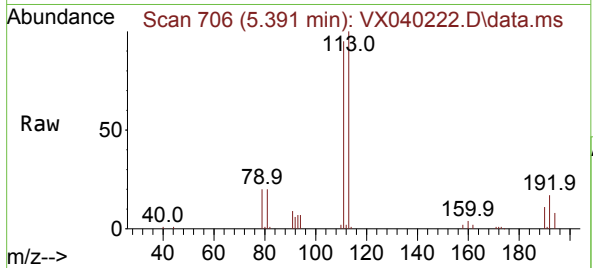




#35
Dibromofluoromethane
Concen: 46.919 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040222.D
Acq: 14 Feb 2024 15:55

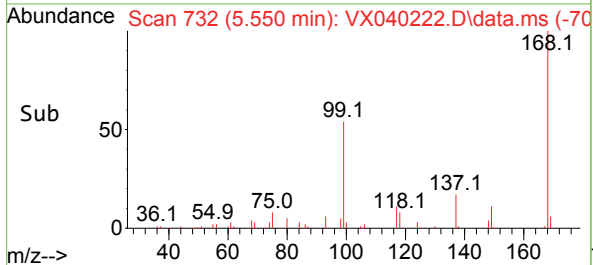
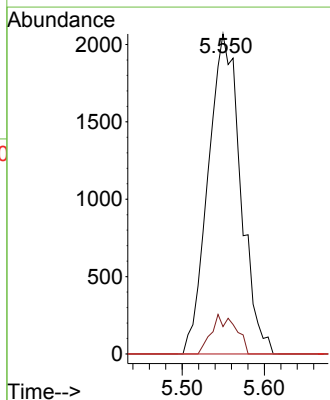
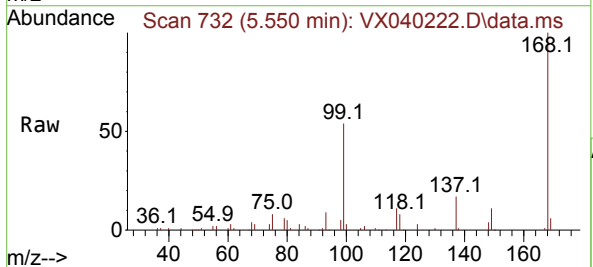
Instrument :
MSVOA_X
ClientSampleId :
T180-AOP

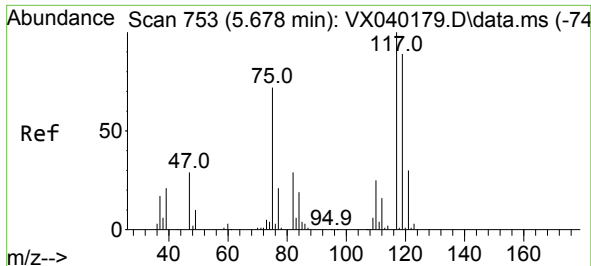
Tgt Ion:113 Resp: 40603
Ion Ratio Lower Upper
113 100
111 101.2 82.9 124.3
192 18.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.686 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040222.D
Acq: 14 Feb 2024 15:55

Tgt Ion: 75 Resp: 5680
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#

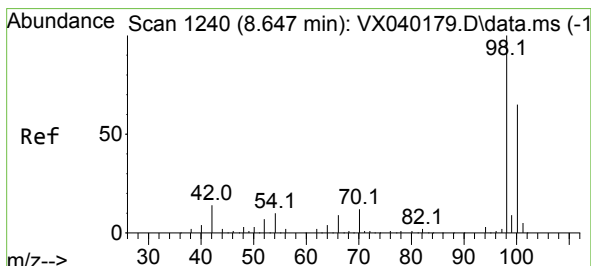
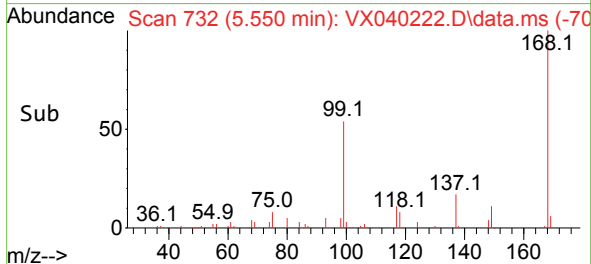
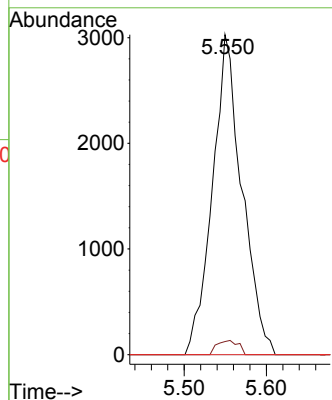
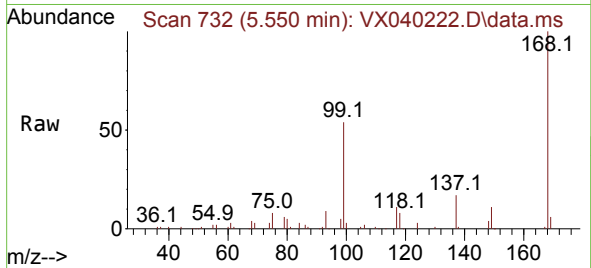




#38
Carbon Tetrachloride
Concen: 6.561 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040222.D
Acq: 14 Feb 2024 15:55

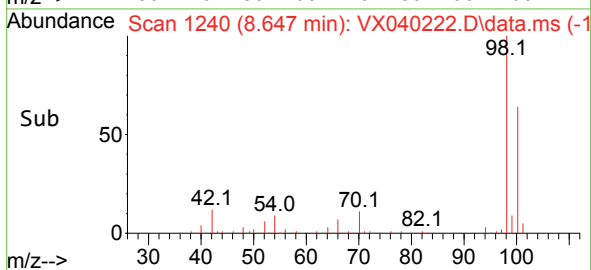
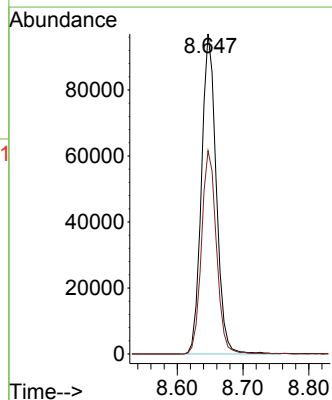
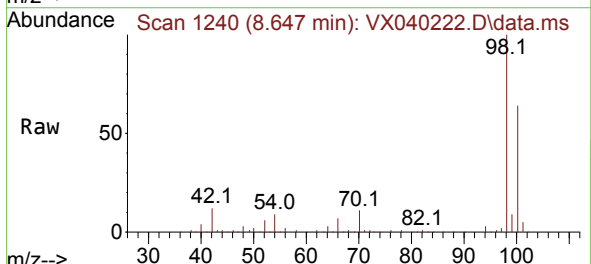
Instrument :
MSVOA_X
ClientSampleId :
T180-AOP

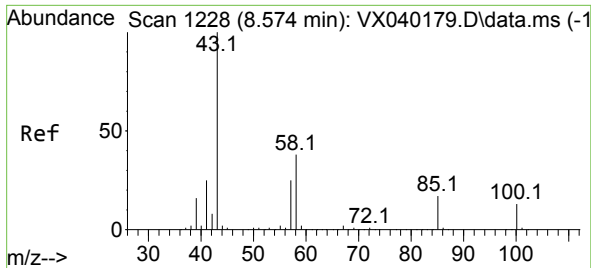
Tgt Ion:117 Resp: 7562
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.798 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040222.D
Acq: 14 Feb 2024 15:55

Tgt Ion: 98 Resp: 151491
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

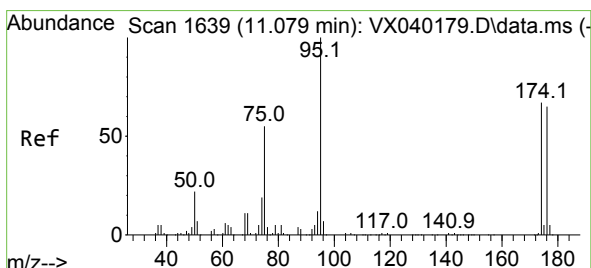
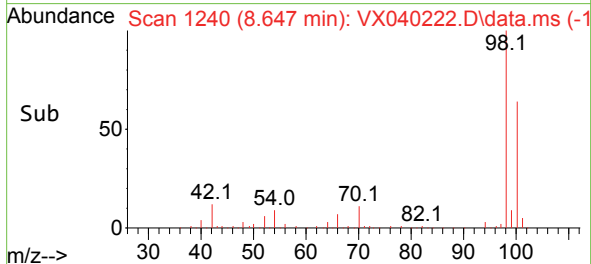
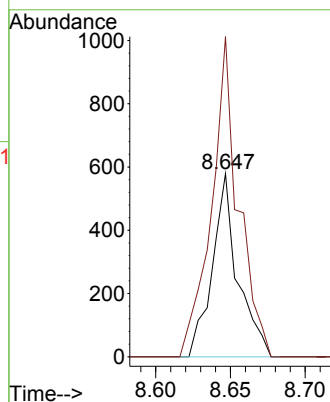
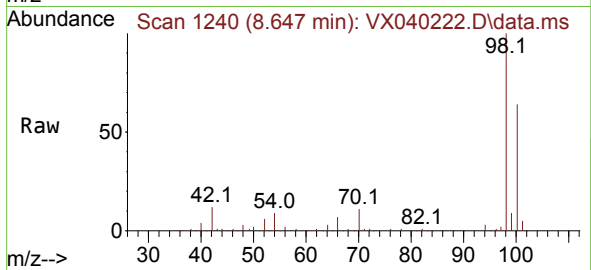




#51
4-Methyl-2-Pentanone
Concen: 0.474 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX040222.D
Acq: 14 Feb 2024 15:55

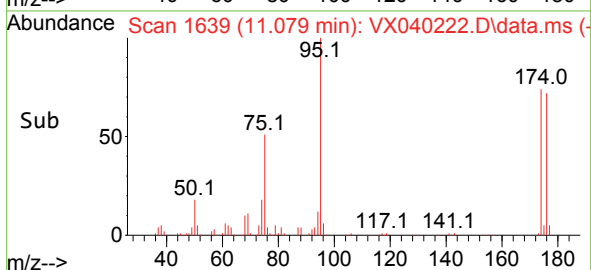
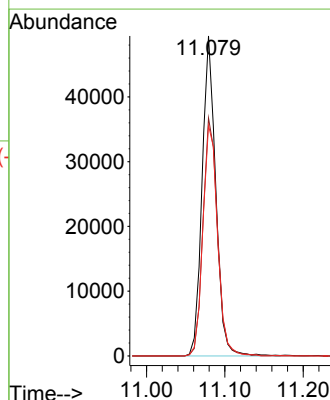
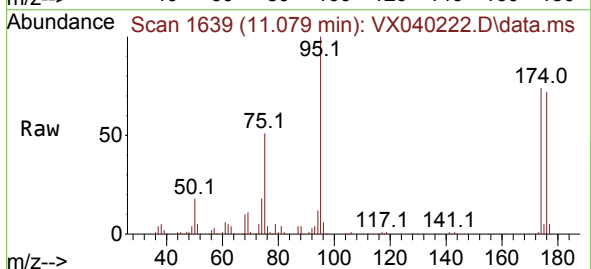
Instrument :
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T180-AOP

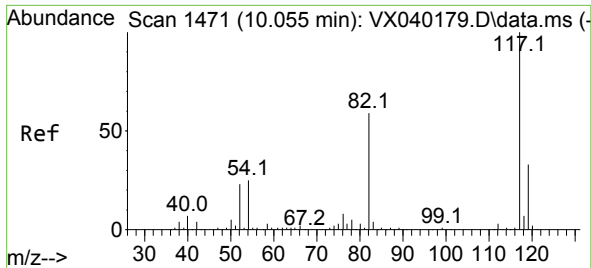
Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
58 185.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.345 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040222.D
Acq: 14 Feb 2024 15:55

Tgt Ion: 95 Resp: 59865
Ion Ratio Lower Upper
95 100
174 78.9 0.0 135.6
176 77.6 0.0 131.0

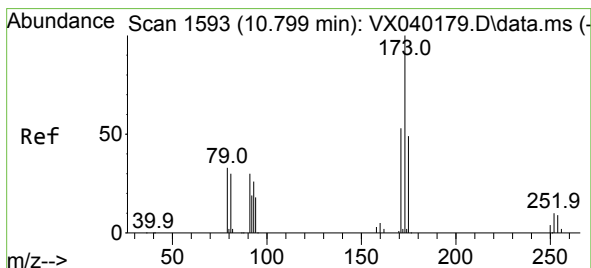
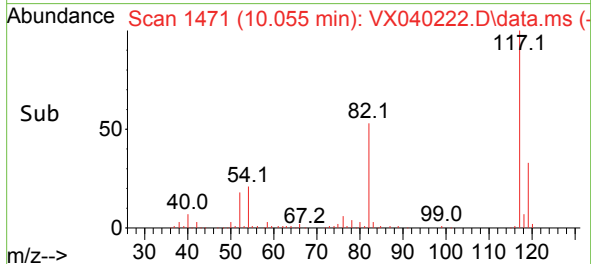
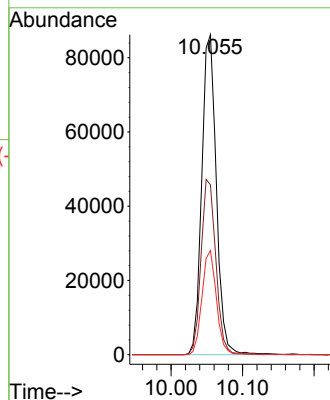
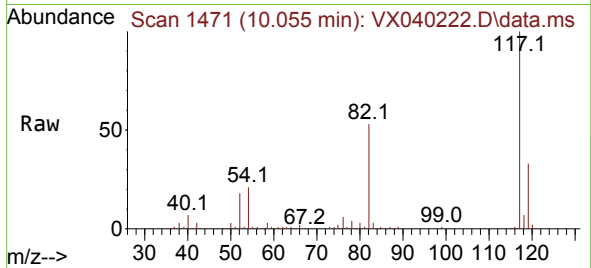




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040222.D
Acq: 14 Feb 2024 15:55

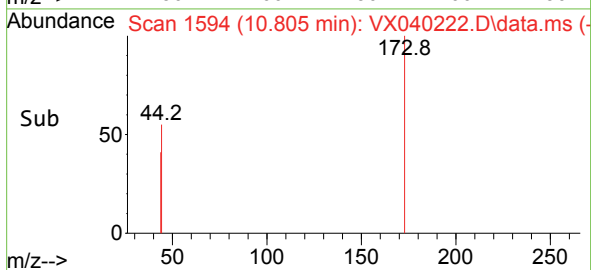
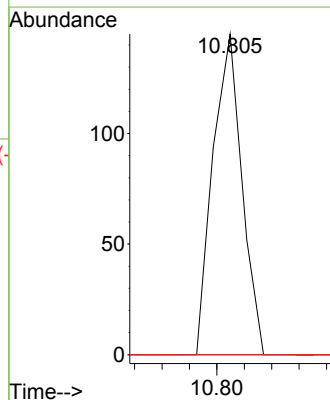
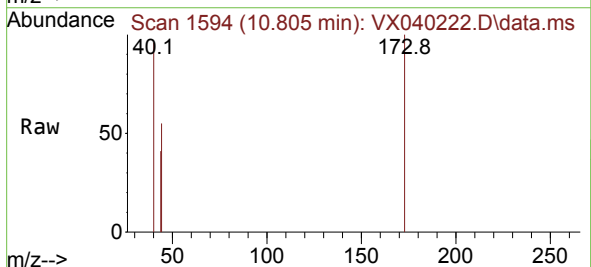
Instrument :
MSVOA_X
ClientSampleId :
T180-AOP

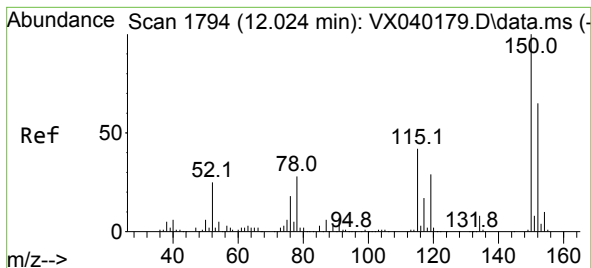
Tgt Ion:117 Resp: 122039
Ion Ratio Lower Upper
117 100
82 53.1 46.2 69.4
119 32.6 25.5 38.3



#71
Bromoform
Concen: 2.195 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. 0.006 min
Lab File: VX040222.D
Acq: 14 Feb 2024 15:55

Tgt Ion:173 Resp: 106
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040222.D

Acq: 14 Feb 2024 15:55

Instrument :

MSVOA_X

ClientSampleId :

T180-AOP

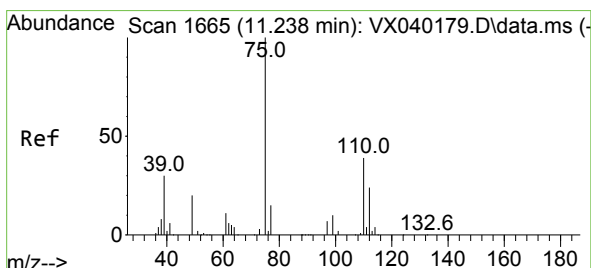
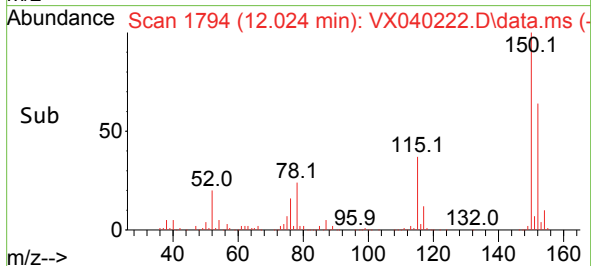
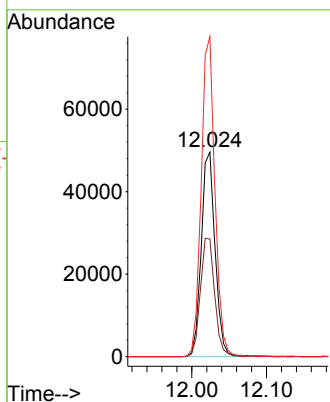
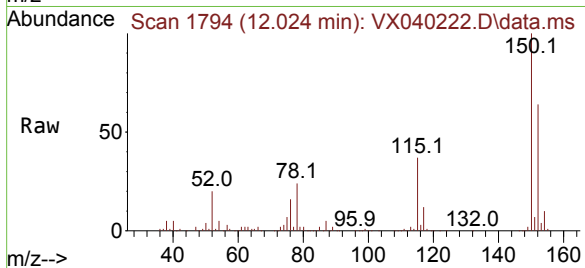
Tgt Ion:152 Resp: 63961

Ion Ratio Lower Upper

152 100

115 59.5 43.3 129.9

150 154.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.206 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040222.D

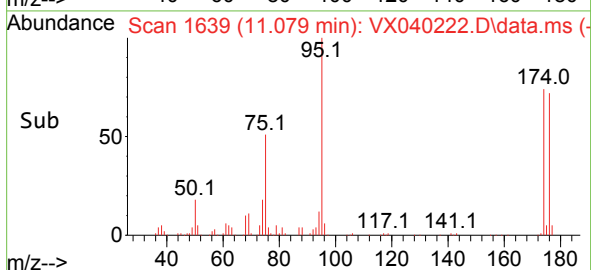
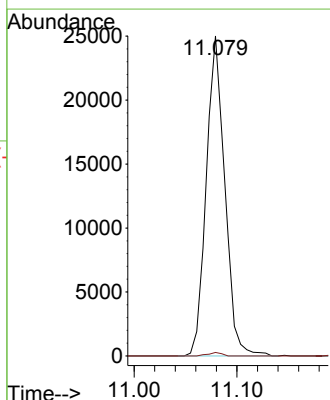
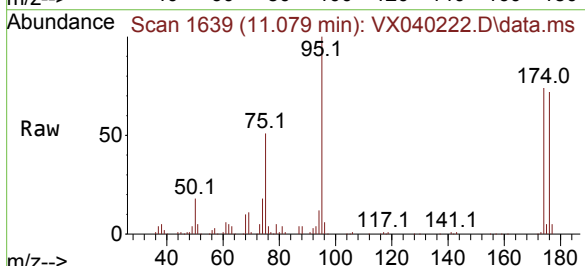
Acq: 14 Feb 2024 15:55

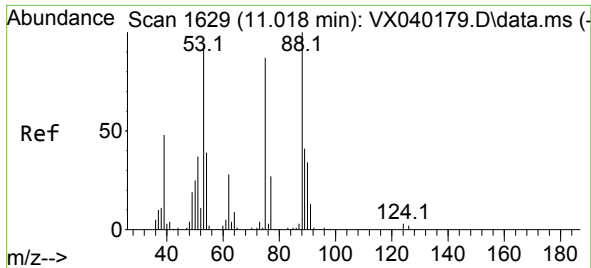
Tgt Ion: 75 Resp: 31353

Ion Ratio Lower Upper

75 100

77 0.8 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.698 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040222.D
 Acq: 14 Feb 2024 15:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T180-AOP

Tgt Ion: 75 Resp: 31353
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

