

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022024\
 Data File : VX040350.D
 Acq On : 20 Feb 2024 12:45
 Operator : JC/MD
 Sample : P1534-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-TB-20240216

Quant Time: Feb 21 01:12:15 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	76700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138607	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60248	52.800	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.600%
35) Dibromofluoromethane	5.385	113	45184	46.680	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.360%
50) Toluene-d8	8.647	98	170221	47.012	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.020%
62) 4-Bromofluorobenzene	11.079	95	66658	45.139	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.280%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	1054	2.249	ug/l	96
20) Methylene Chloride	2.788	84	354	Below Cal	#	71
31) Cyclohexane	5.550	56	1922	1.412	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7314	5.394	ug/l #	49
38) Carbon Tetrachloride	5.550	117	8554	6.635	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	924	0.575	ug/l #	1
53) t-1,3-Dichloropropene	8.994	75	20	1.971	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	37305	26.989	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	37305	73.958	ug/l #	5

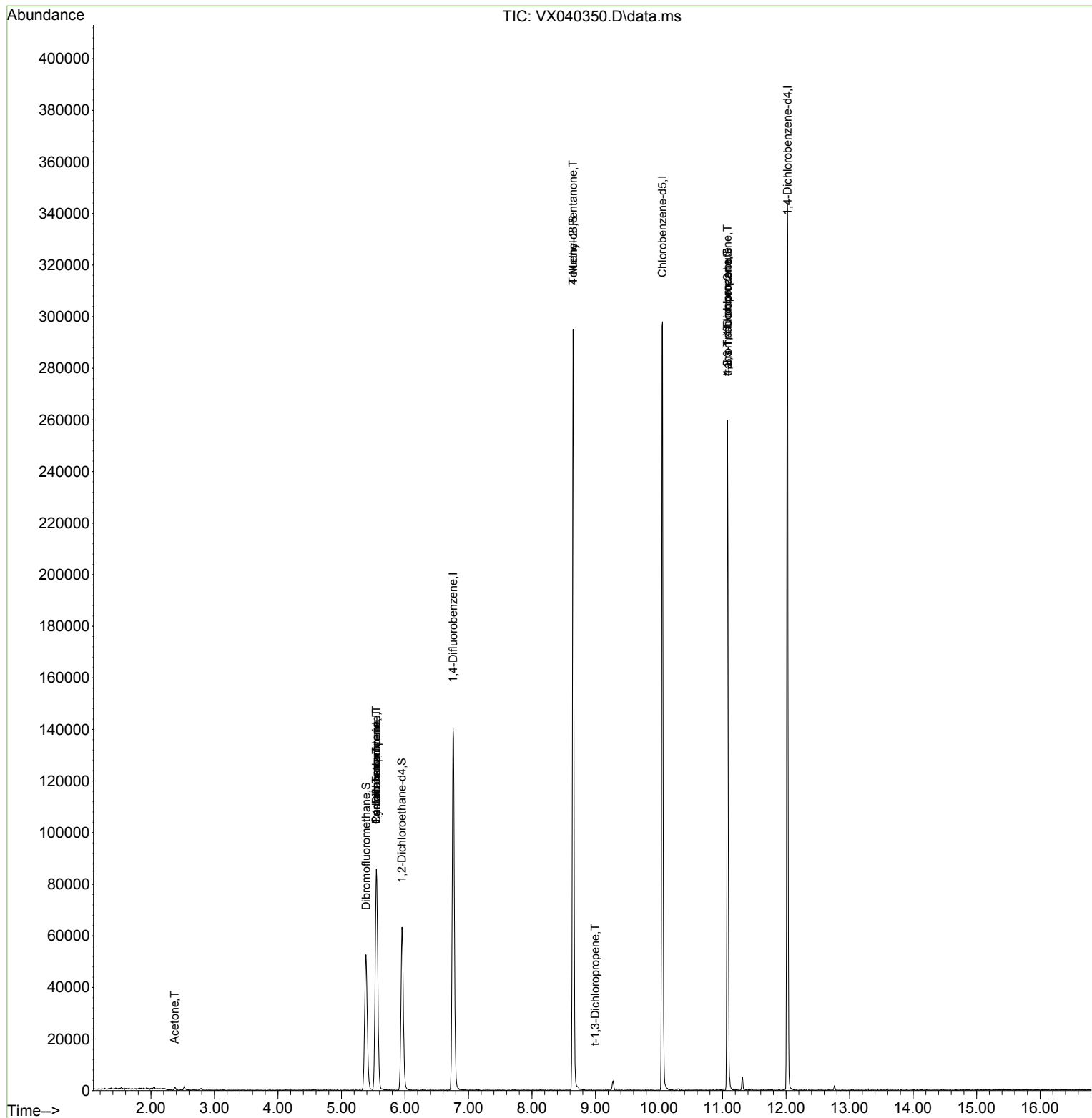
(#) = qualifier out of range (m) = manual integration (+) = signals summed

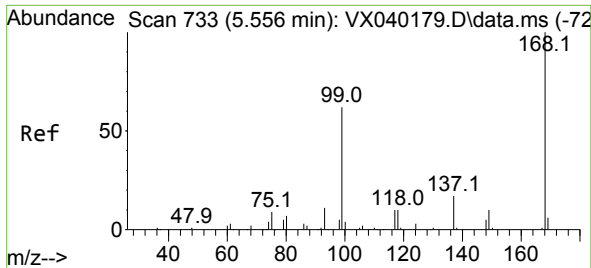
Instrument :
MSVOA_X

ClientSampleId :
BP-VPB-195-TB-20240216

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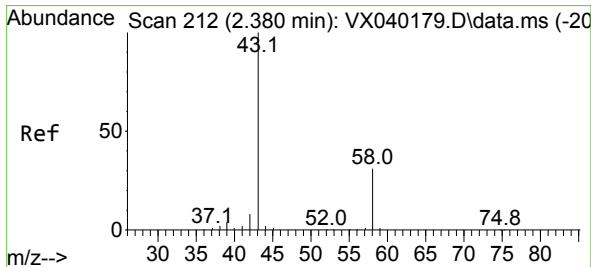
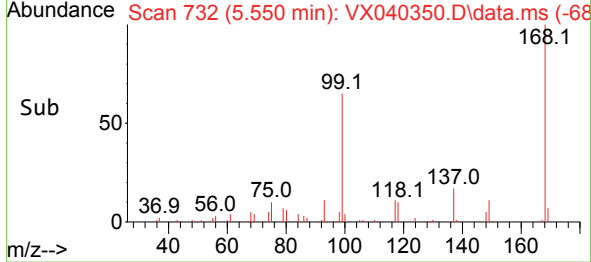
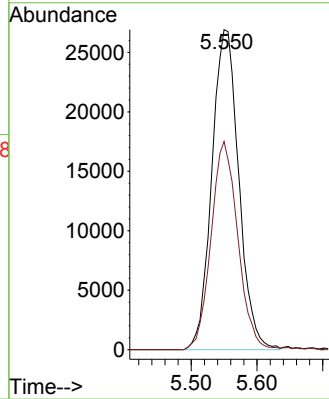
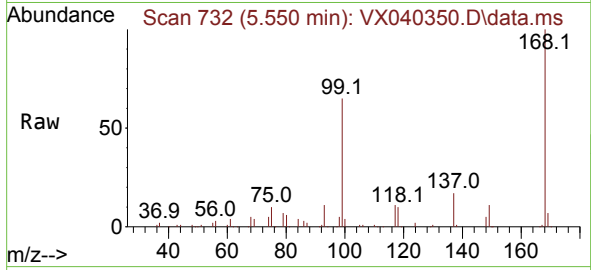




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040350.D
Acq: 20 Feb 2024 12:45

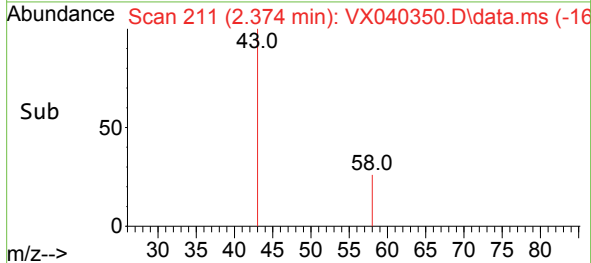
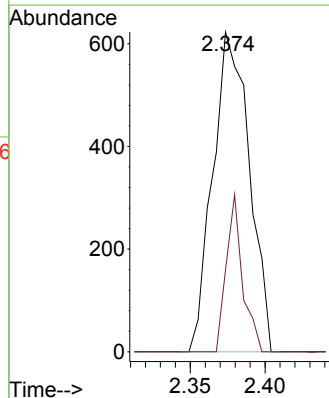
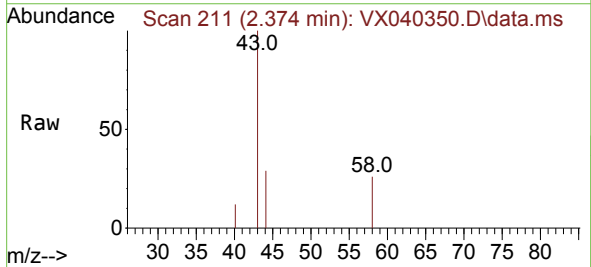
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240216

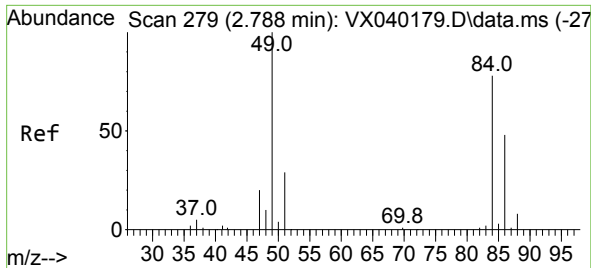
Tgt Ion:168 Resp: 76700
Ion Ratio Lower Upper
168 100
99 65.0 56.6 85.0



#16
Acetone
Concen: 2.249 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040350.D
Acq: 20 Feb 2024 12:45

Tgt Ion: 43 Resp: 1054
Ion Ratio Lower Upper
43 100
58 25.5 21.9 32.9





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX040350.D

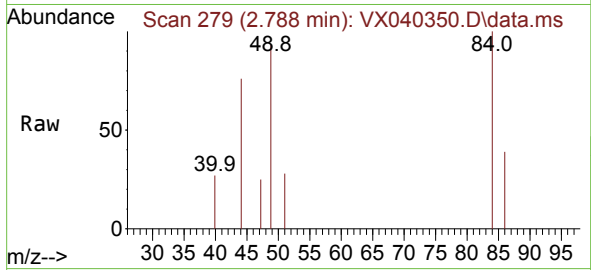
Acq: 20 Feb 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-195-TB-20240216



Tgt Ion: 84 Resp: 354

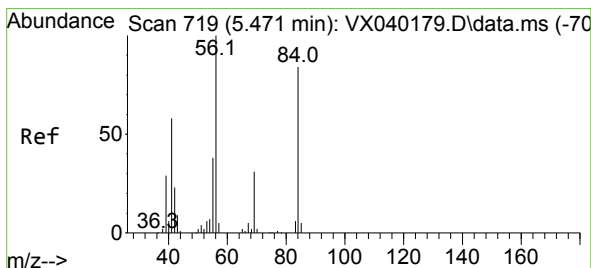
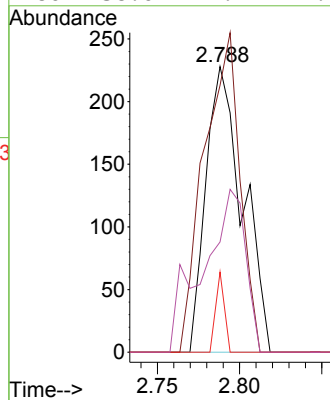
Ion Ratio Lower Upper

84 100

49 93.4 103.6 155.4#

51 28.1 33.8 50.6#

86 38.6 49.4 74.0#



#31

Cyclohexane

Concen: 1.412 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX040350.D

Acq: 20 Feb 2024 12:45

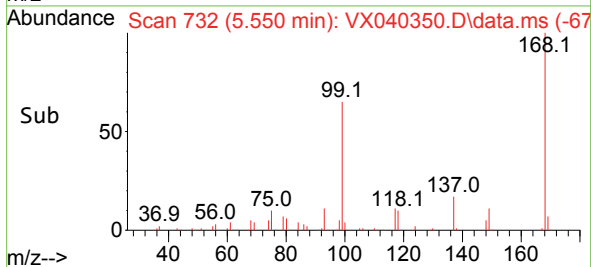
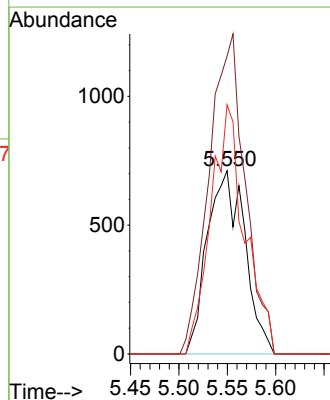
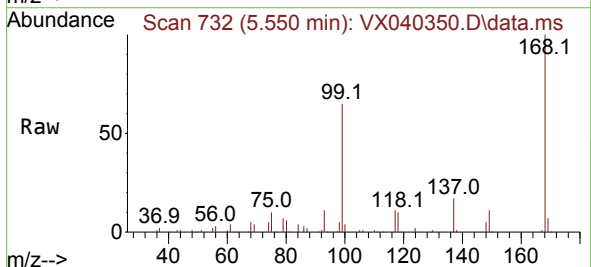
Tgt Ion: 56 Resp: 1922

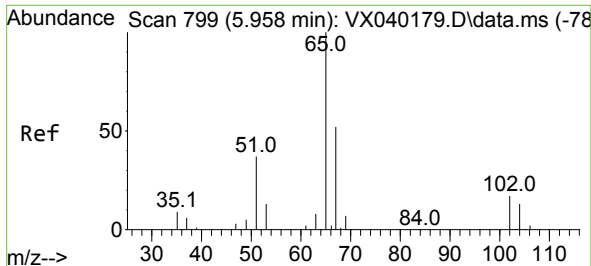
Ion Ratio Lower Upper

56 100

69 162.6 23.4 35.2#

84 136.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 52.800 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040350.D

Acq: 20 Feb 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

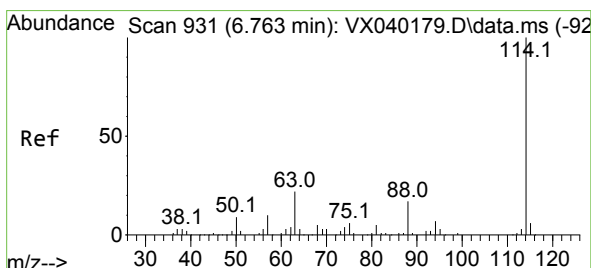
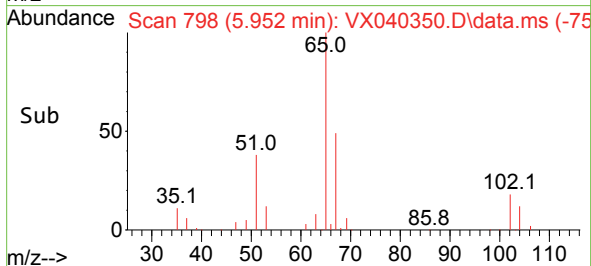
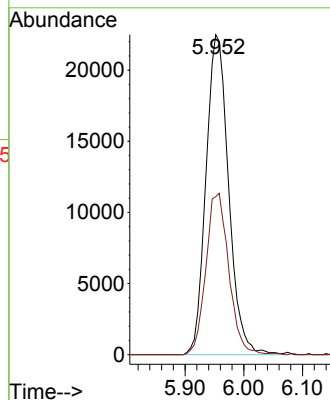
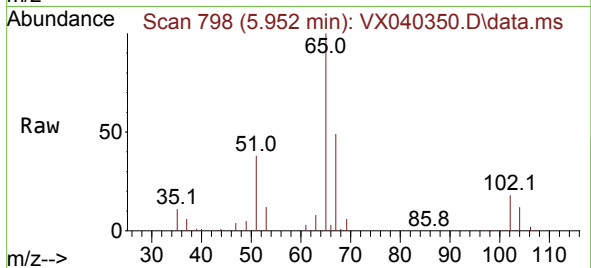
BP-VPB-195-TB-20240216

Tgt Ion: 65 Resp: 60248

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040350.D

Acq: 20 Feb 2024 12:45

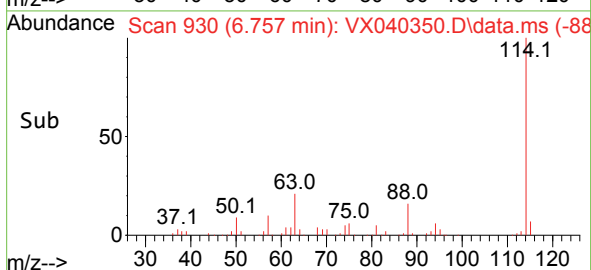
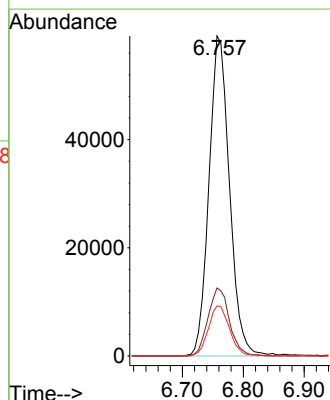
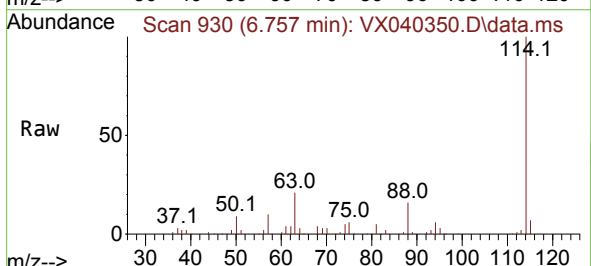
Tgt Ion: 114 Resp: 138607

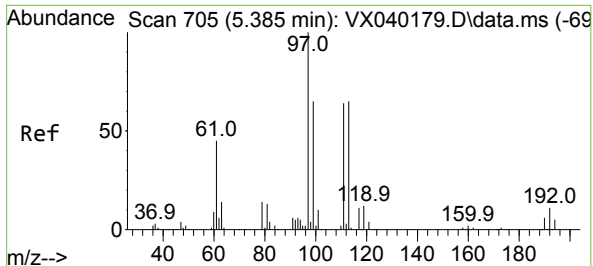
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

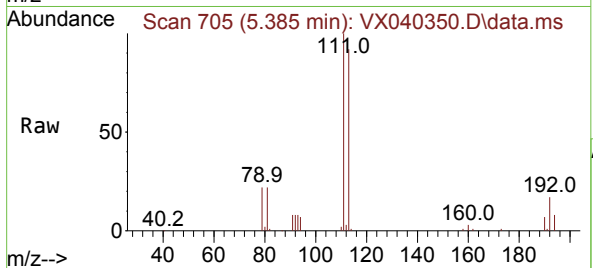
88 15.6 0.0 36.6



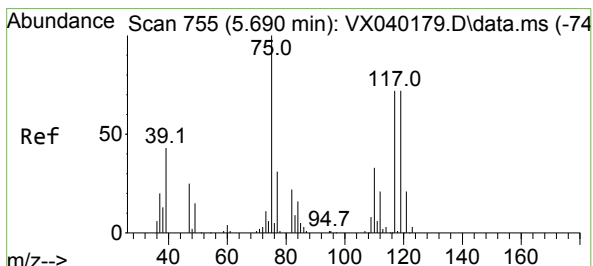
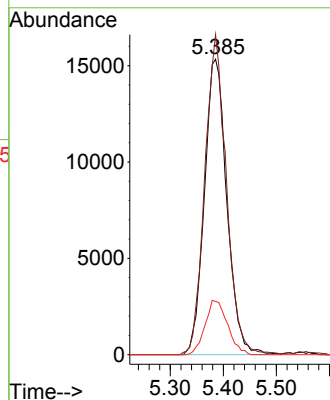
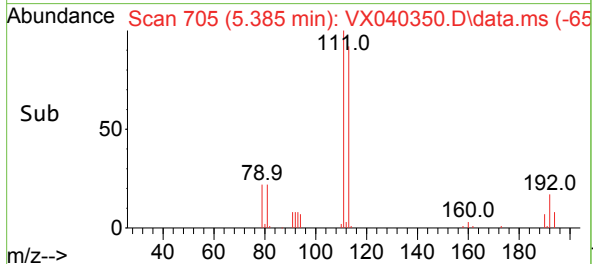


#35
Dibromofluoromethane
Concen: 46.680 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040350.D
Acq: 20 Feb 2024 12:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240216

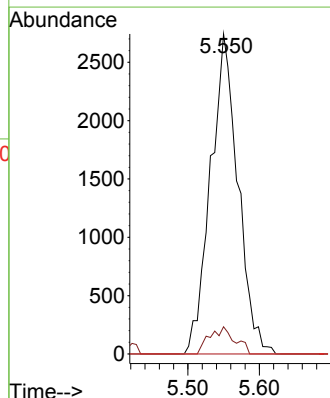
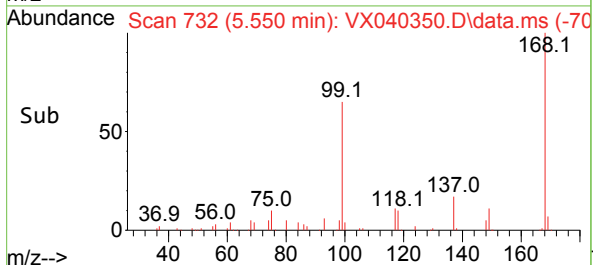
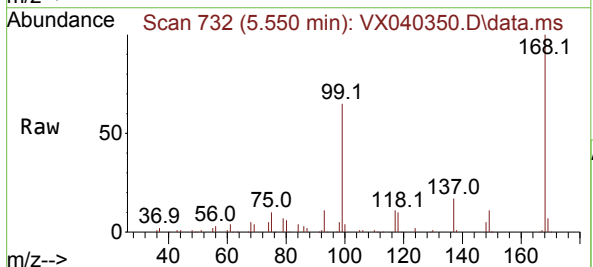


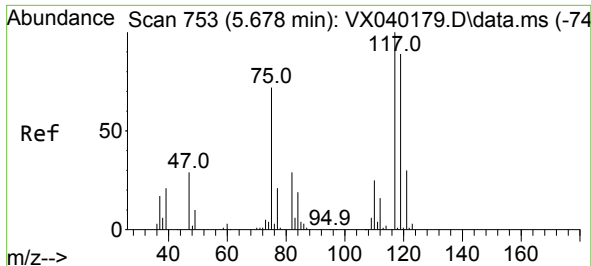
Tgt Ion:113 Resp: 45184
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 18.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.394 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX040350.D
Acq: 20 Feb 2024 12:45

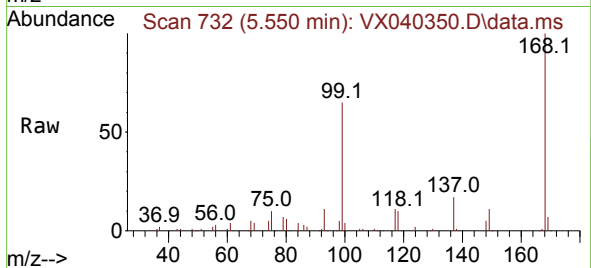
Tgt Ion: 75 Resp: 7314
Ion Ratio Lower Upper
75 100
110 7.8 17.0 50.9#
77 0.0 24.7 37.1#



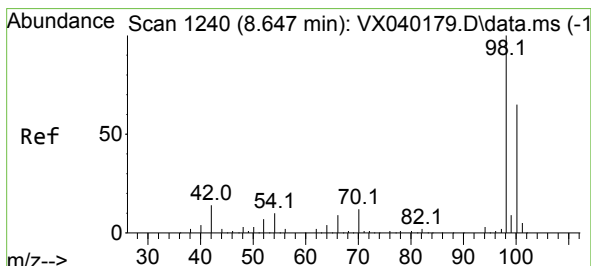
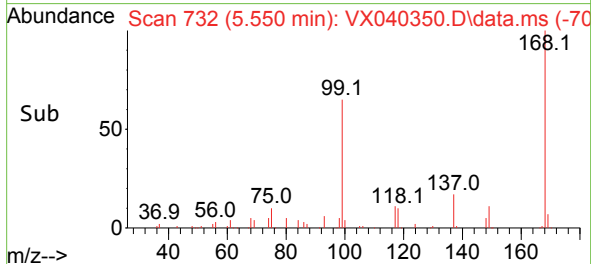
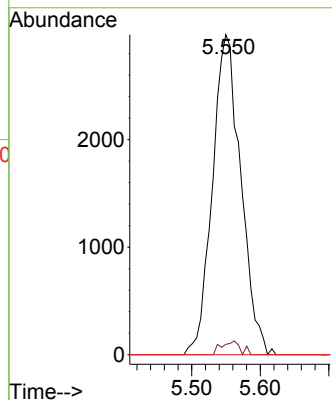


#38
Carbon Tetrachloride
Concen: 6.635 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040350.D
Acq: 20 Feb 2024 12:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240216

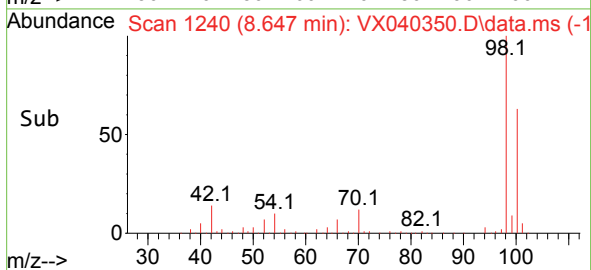
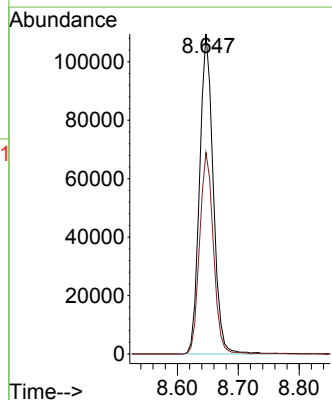
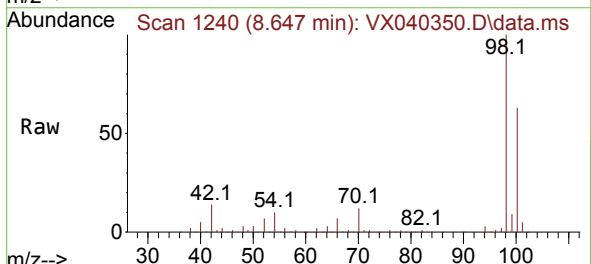


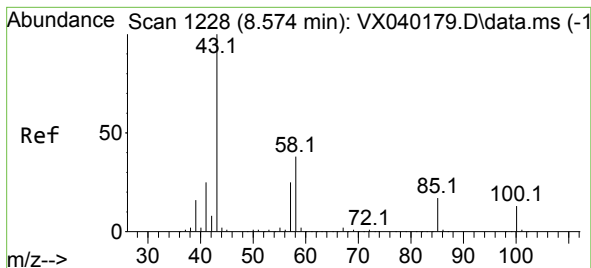
Tgt Ion:117 Resp: 8554
Ion Ratio Lower Upper
117 100
119 3.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.012 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040350.D
Acq: 20 Feb 2024 12:45

Tgt Ion: 98 Resp: 170221
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.575 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX040350.D

Acq: 20 Feb 2024 12:45

Instrument :

MSVOA_X

ClientSampleId :

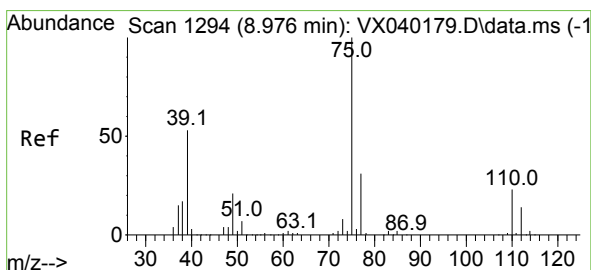
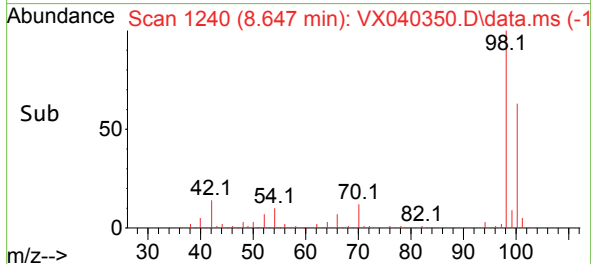
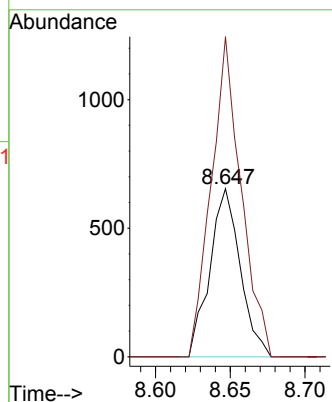
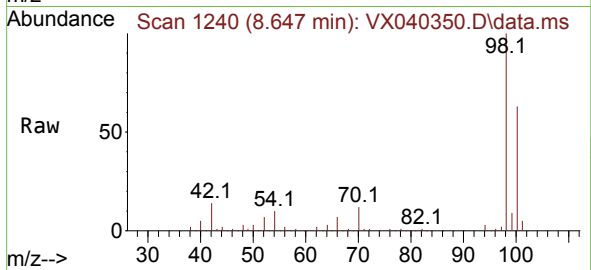
BP-VPB-195-TB-20240216

Tgt Ion: 43 Resp: 924

Ion Ratio Lower Upper

43 100

58 187.6 30.4 45.6#



#53

t-1,3-Dichloropropene

Concen: 1.971 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.018 min

Lab File: VX040350.D

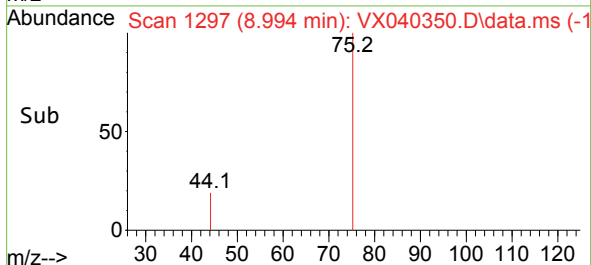
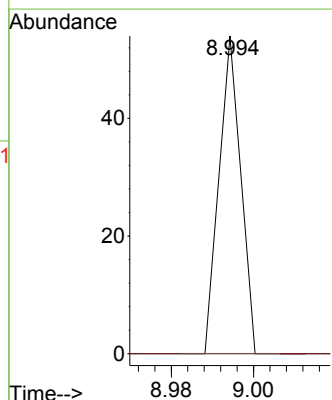
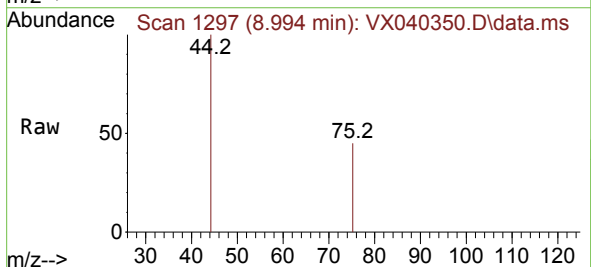
Acq: 20 Feb 2024 12:45

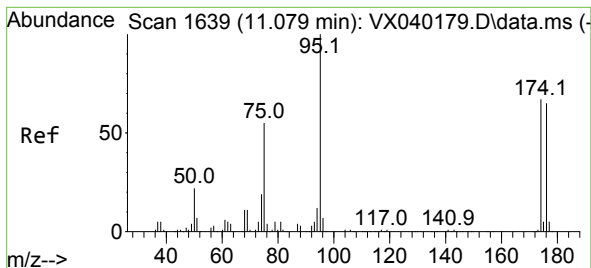
Tgt Ion: 75 Resp: 20

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

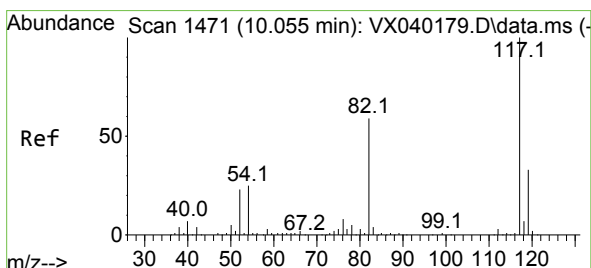
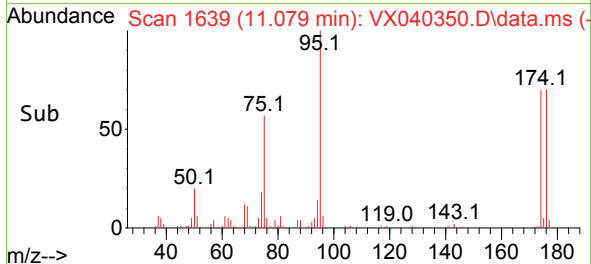
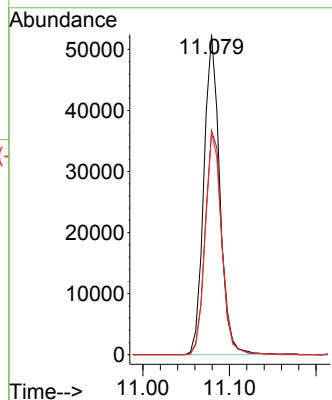
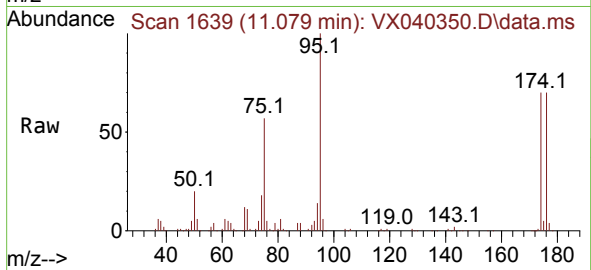




#62
4-Bromofluorobenzene
Concen: 45.139 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040350.D
Acq: 20 Feb 2024 12:45

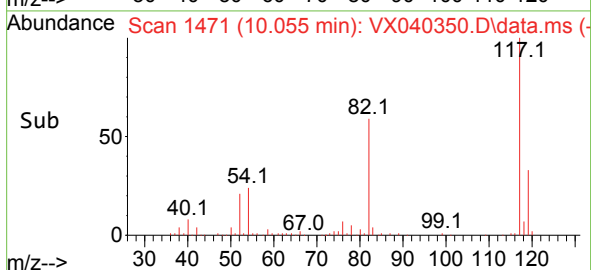
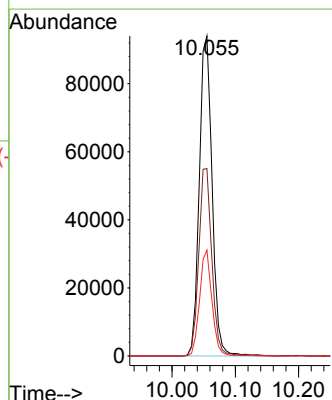
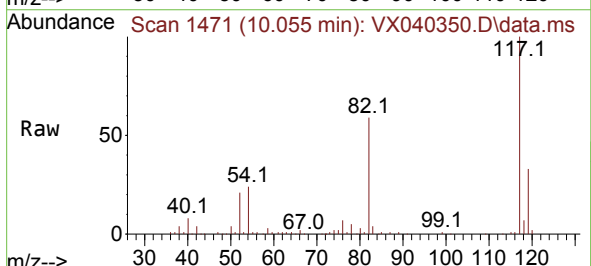
Instrument :
MSVOA_X
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BP-VPB-195-TB-20240216

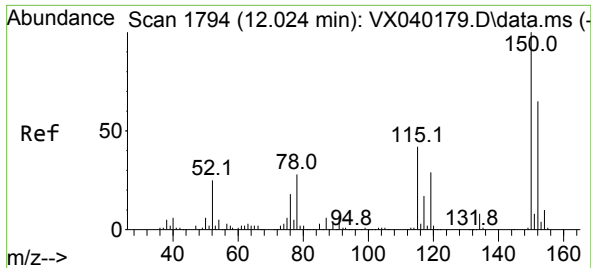
Tgt Ion: 95 Resp: 66658
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040350.D
Acq: 20 Feb 2024 12:45

Tgt Ion: 117 Resp: 132889
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 33.1 25.5 38.3

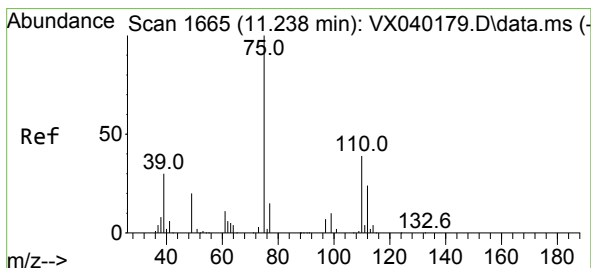
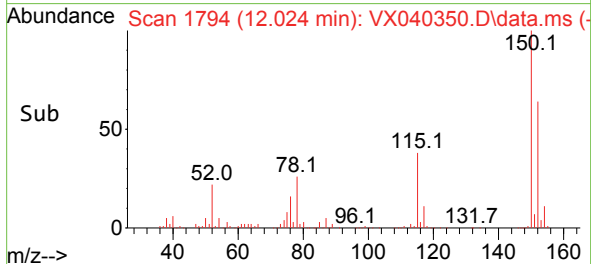
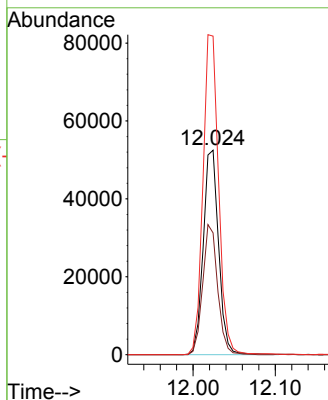
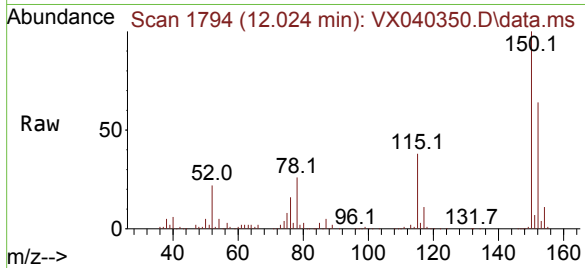




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040350.D
 Acq: 20 Feb 2024 12:45

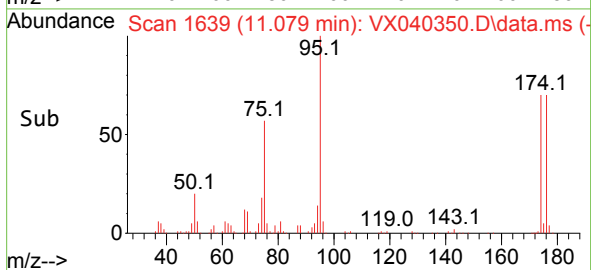
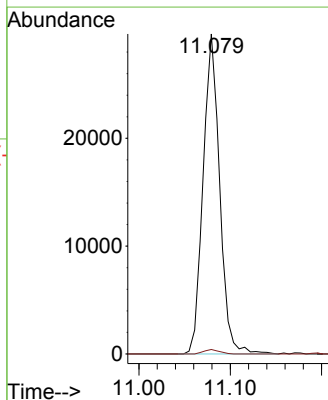
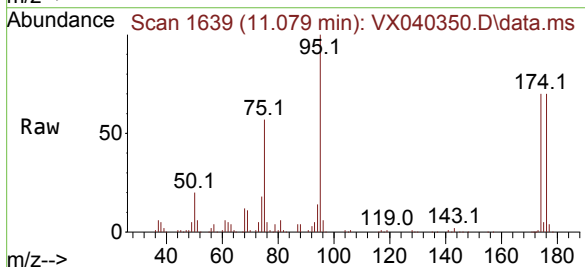
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-195-TB-20240216

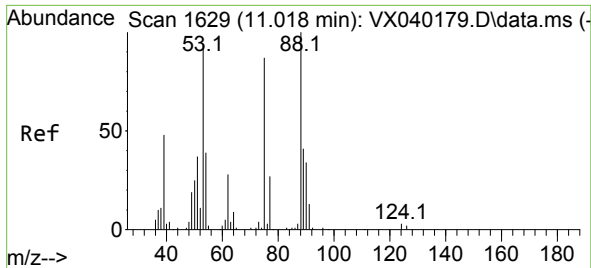
Tgt Ion:152 Resp: 68256
 Ion Ratio Lower Upper
 152 100
 115 61.7 43.3 129.9
 150 158.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.989 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX040350.D
 Acq: 20 Feb 2024 12:45

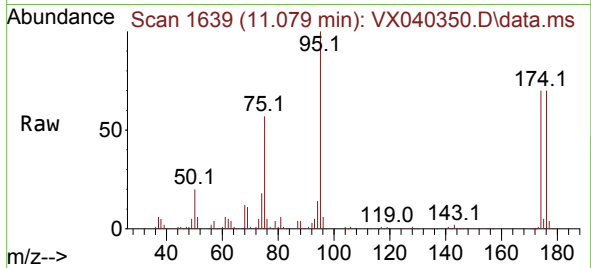
Tgt Ion: 75 Resp: 37305
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.958 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040350.D
Acq: 20 Feb 2024 12:45

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-195-TB-20240216



Tgt Ion: 75 Resp: 37305
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

