

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011624\
 Data File : VX039781.D
 Acq On : 16 Jan 2024 17:47
 Operator : JC/MD
 Sample : P1149-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-191-GW-200-202

Quant Time: Jan 17 01:52:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

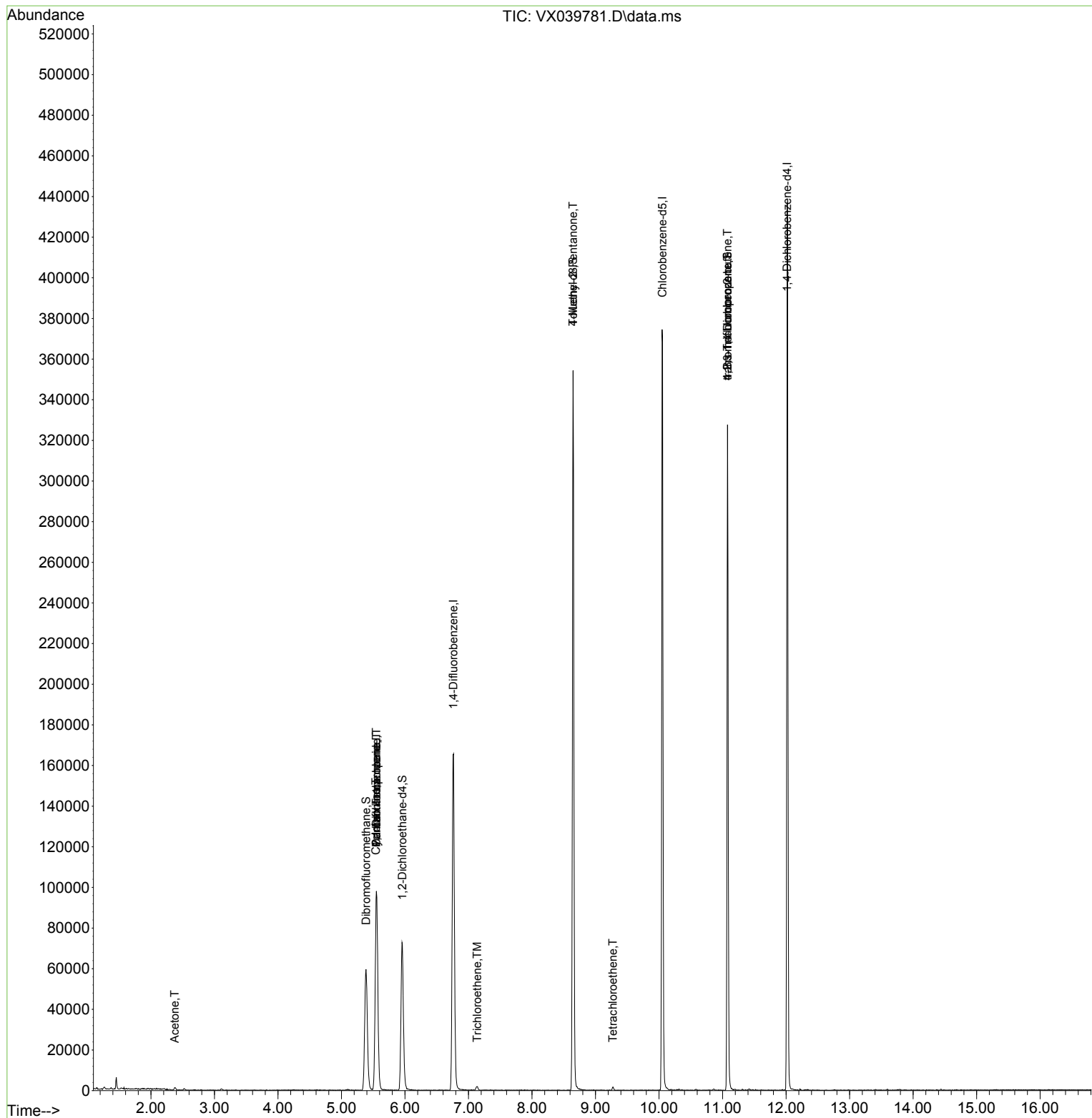
Internal Standards						
1) Pentafluorobenzene	5.550	168	88460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	165993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	83766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67730	45.707	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.420%
35) Dibromofluoromethane	5.385	113	52454	46.916	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.840%
50) Toluene-d8	8.647	98	205887	48.826	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.660%
62) 4-Bromofluorobenzene	11.079	95	86782	52.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.260%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	1411	1.693	ug/l #	87
31) Cyclohexane	5.544	56	2475	1.266	ug/l #	53
36) 1,1-Dichloropropene	5.550	75	8340	4.792	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9824	6.164	ug/l #	15
44) Trichloroethene	7.135	130	830	0.687	ug/l	75
51) 4-Methyl-2-Pentanone	8.647	43	970	0.414	ug/l #	1
64) Tetrachloroethene	9.275	164	280	0.264	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	47059	21.669	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	47059	62.990	ug/l #	5

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

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

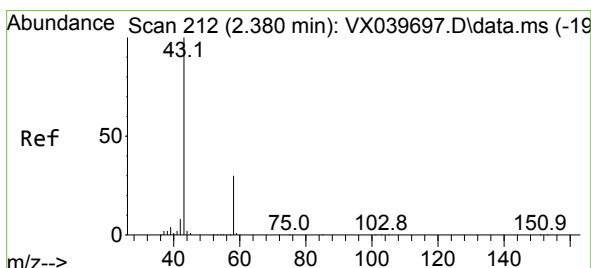
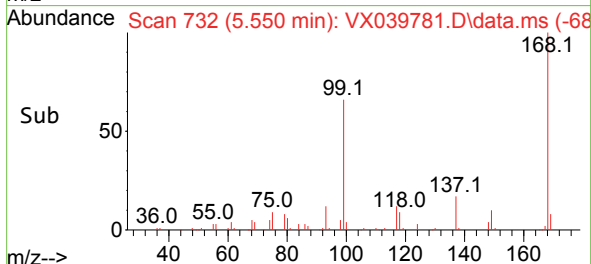
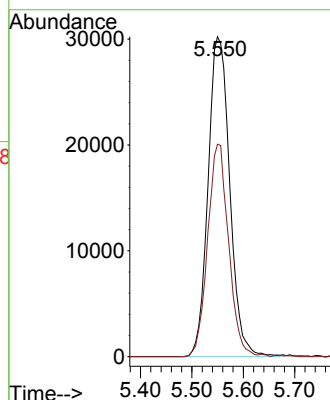
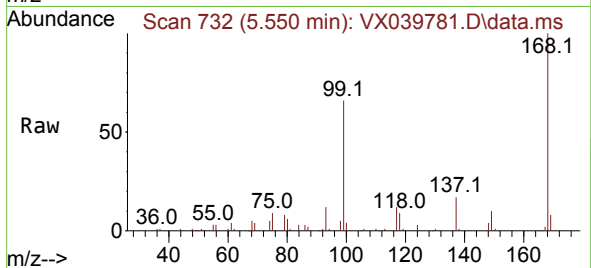




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039781.D
Acq: 16 Jan 2024 17:47

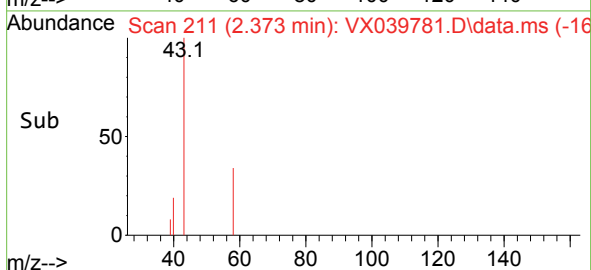
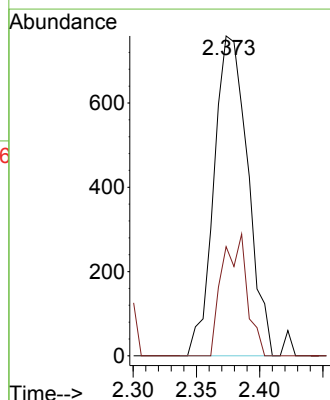
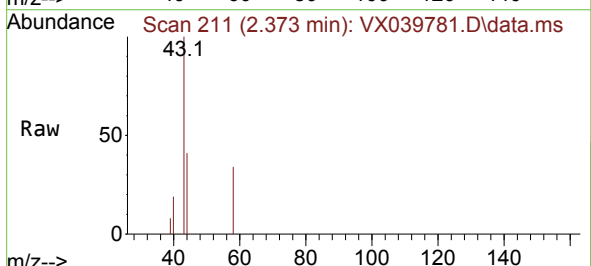
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-200-202

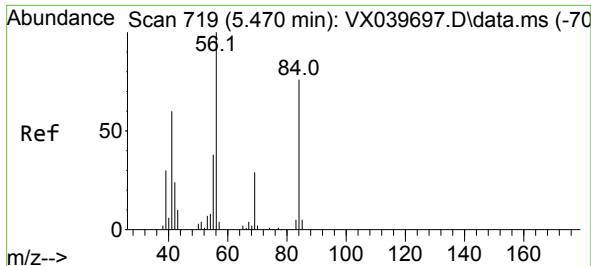
Tgt Ion:168 Resp: 88460
Ion Ratio Lower Upper
168 100
99 66.4 56.6 85.0



#16
Acetone
Concen: 1.693 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039781.D
Acq: 16 Jan 2024 17:47

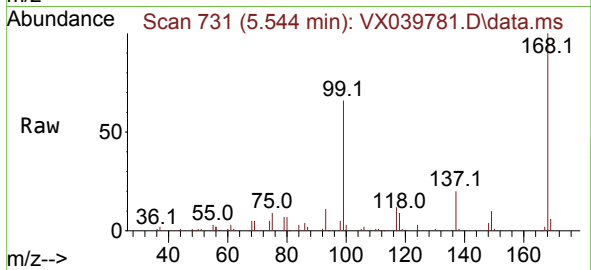
Tgt Ion: 43 Resp: 1411
Ion Ratio Lower Upper
43 100
58 34.1 21.9 32.9#



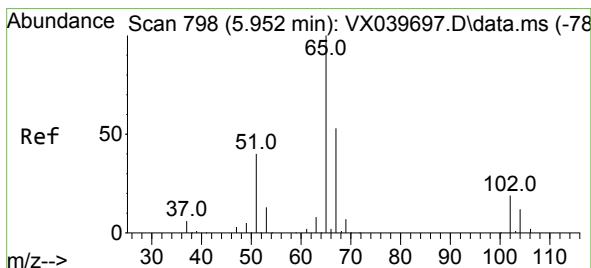
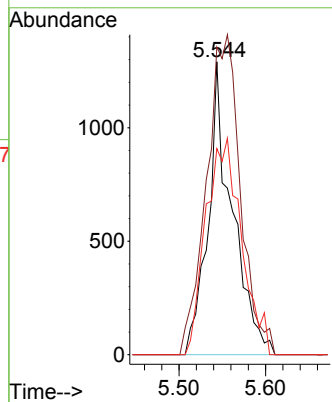
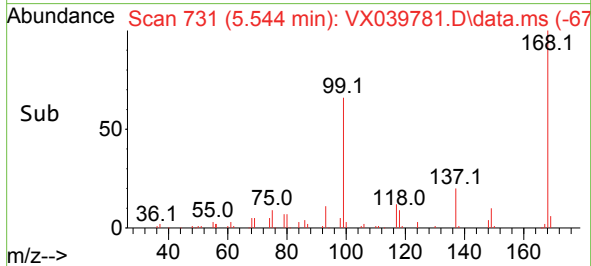


#31
Cyclohexane
Concen: 1.266 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039781.D
Acq: 16 Jan 2024 17:47

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-200-202

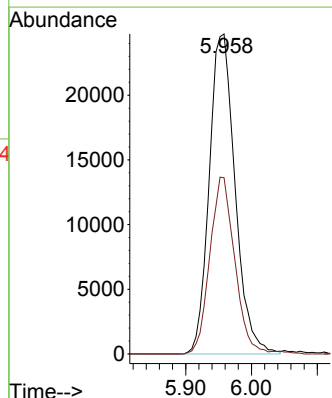
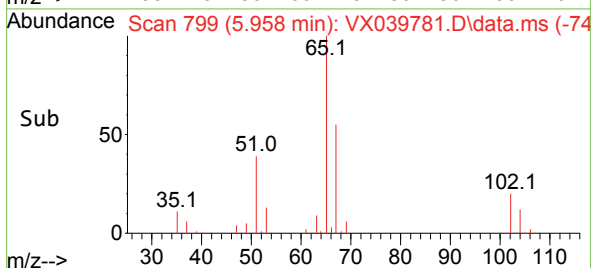
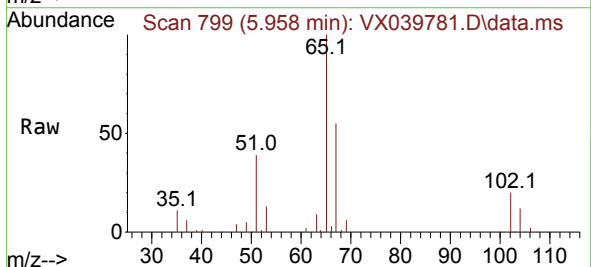


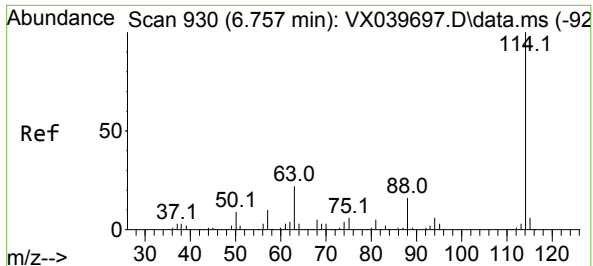
Tgt Ion: 56 Resp: 2475
Ion Ratio Lower Upper
56 100
69 105.0 23.4 35.2#
84 70.3 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.707 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039781.D
Acq: 16 Jan 2024 17:47

Tgt Ion: 65 Resp: 67730
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

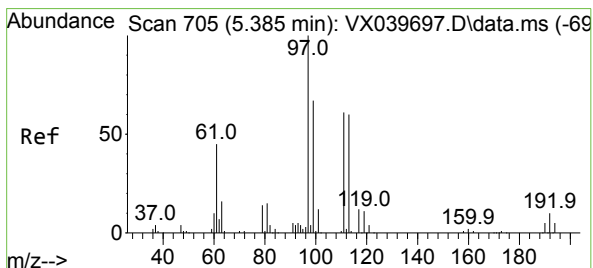
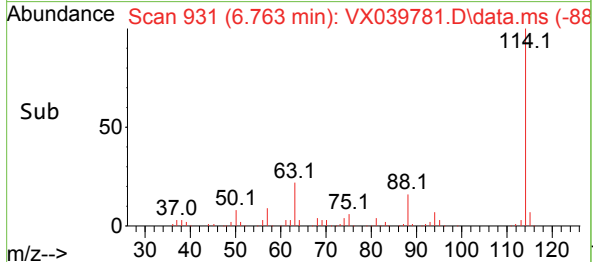
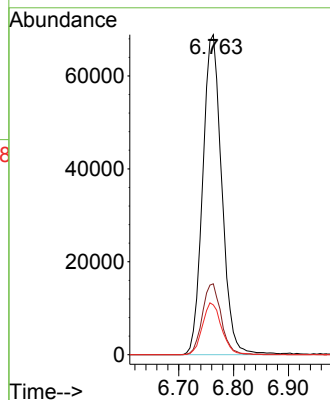
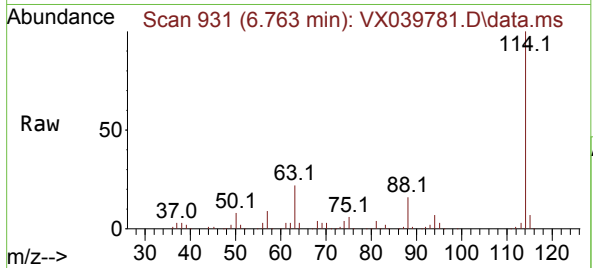




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039781.D
Acq: 16 Jan 2024 17:47

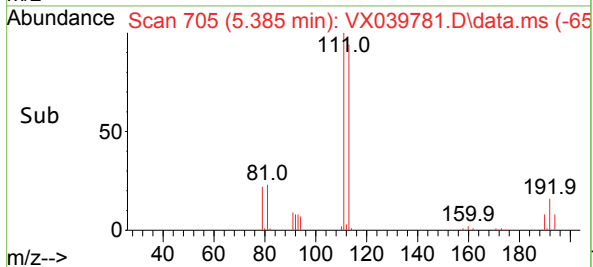
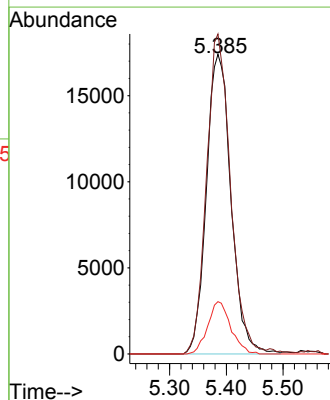
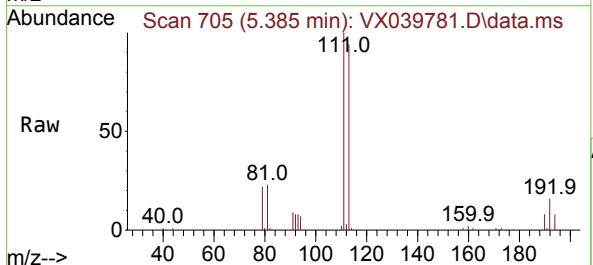
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-200-202

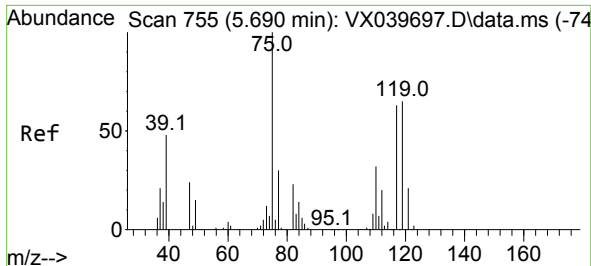
Tgt Ion:114 Resp: 165993
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.916 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039781.D
Acq: 16 Jan 2024 17:47

Tgt Ion:113 Resp: 52454
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 16.4 13.3 19.9

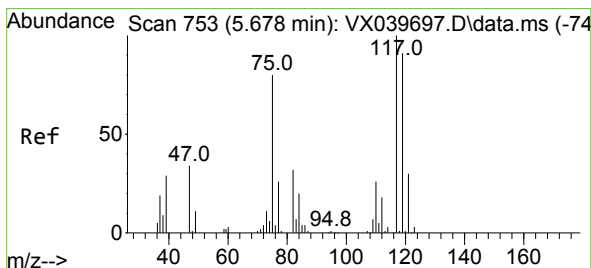
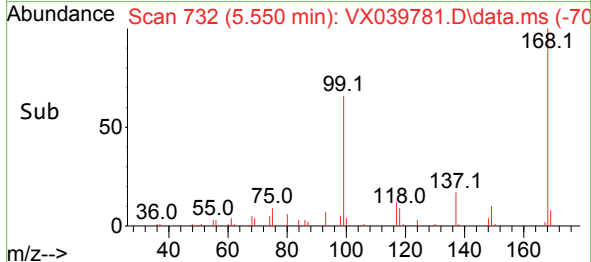
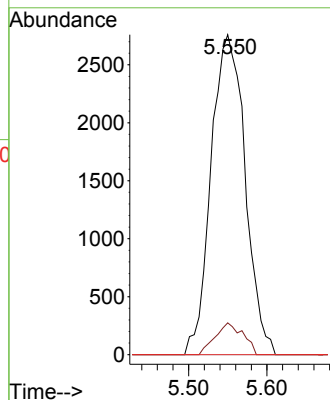
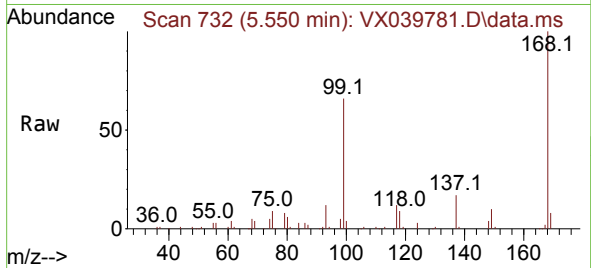




#36
1,1-Dichloropropene
Concen: 4.792 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039781.D
Acq: 16 Jan 2024 17:47

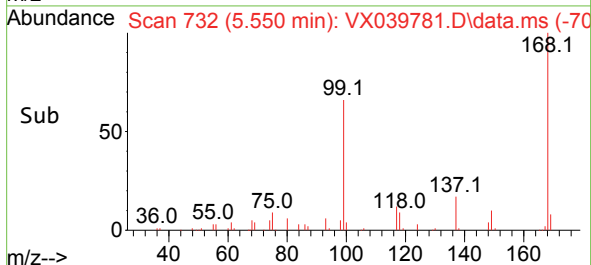
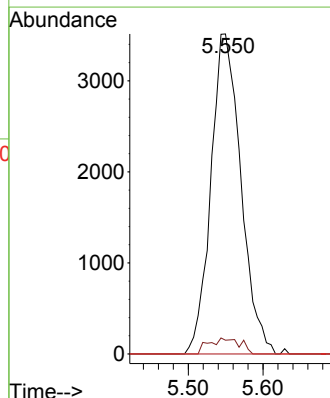
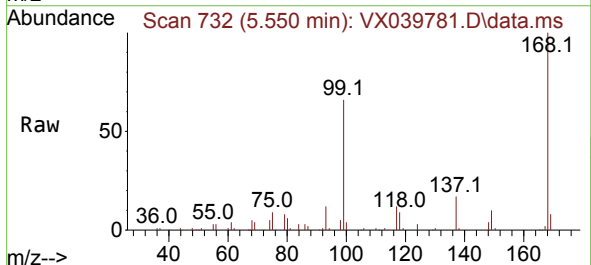
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-200-202

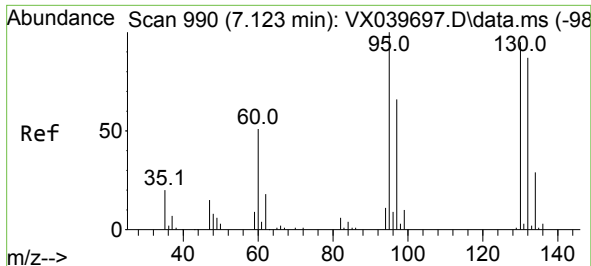
Tgt Ion: 75 Resp: 8340
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.164 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039781.D
Acq: 16 Jan 2024 17:47

Tgt Ion: 117 Resp: 9824
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#

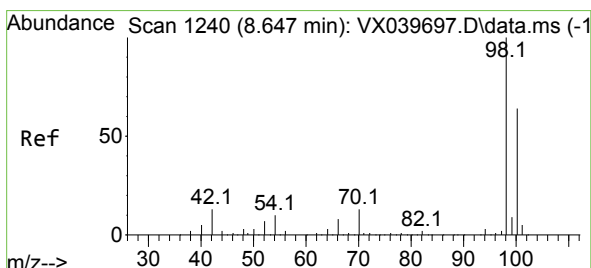
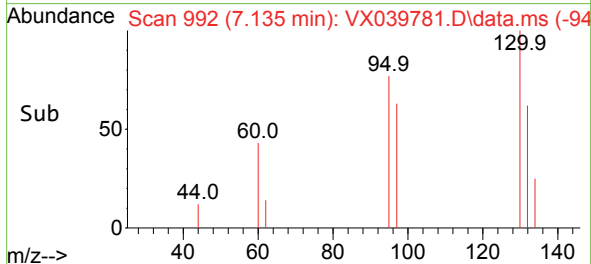
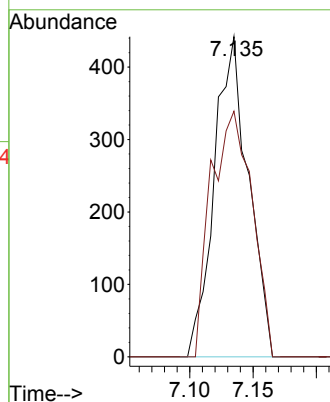
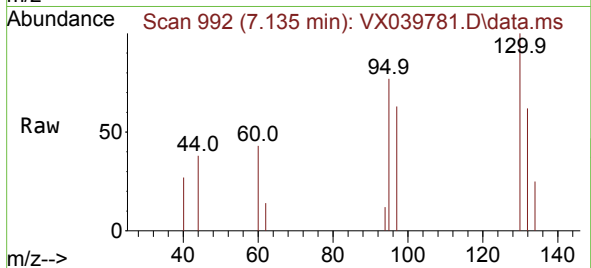




#44
Trichloroethene
Concen: 0.687 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX039781.D
Acq: 16 Jan 2024 17:47

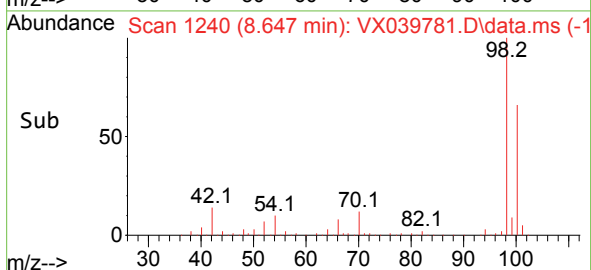
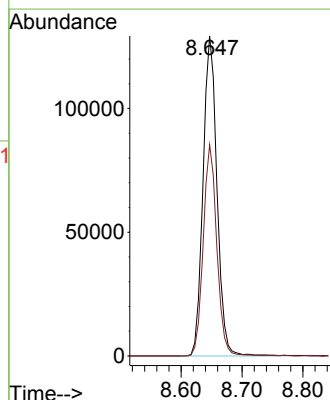
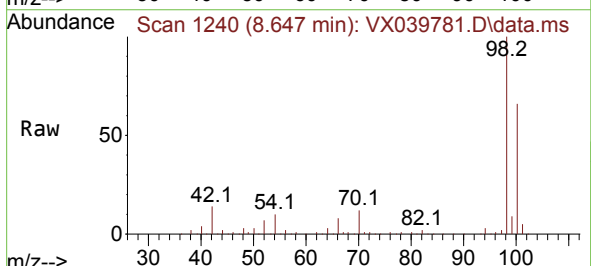
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-200-202

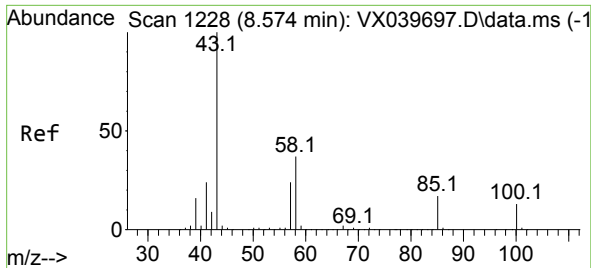
Tgt Ion:130 Resp: 830
Ion Ratio Lower Upper
130 100
95 76.7 0.0 204.4



#50
Toluene-d8
Concen: 48.826 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039781.D
Acq: 16 Jan 2024 17:47

Tgt Ion: 98 Resp: 205887
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7

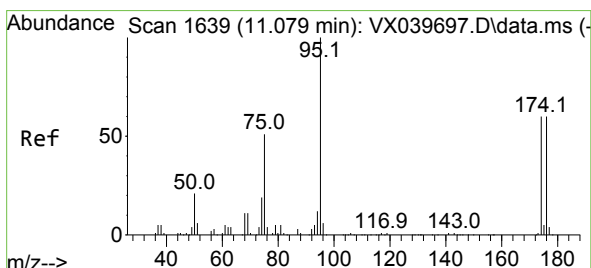
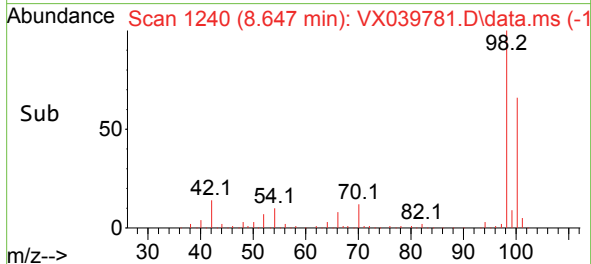
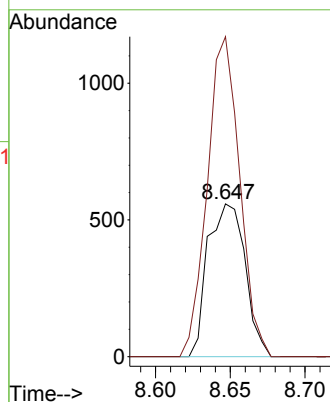
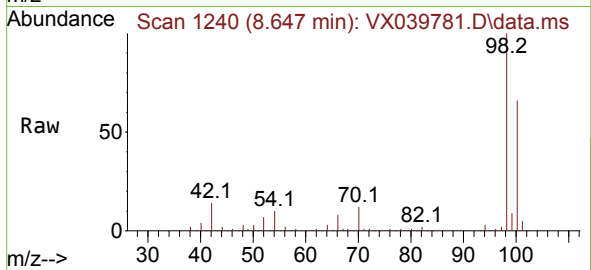




#51
4-Methyl-2-Pentanone
Concen: 0.414 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039781.D
Acq: 16 Jan 2024 17:47

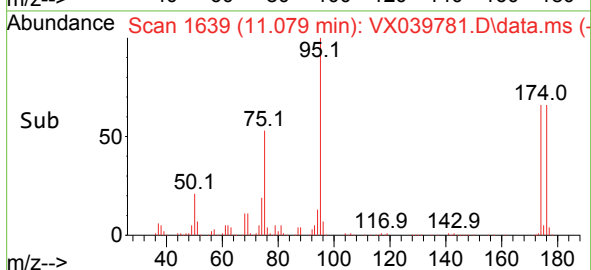
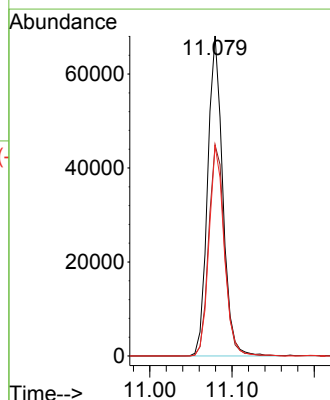
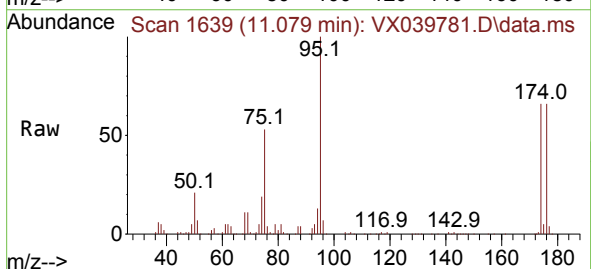
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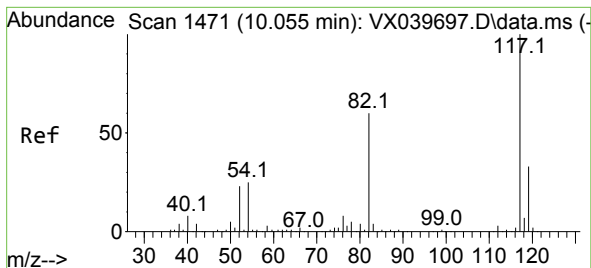
Tgt Ion: 43 Resp: 970
Ion Ratio Lower Upper
43 100
58 182.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 52.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039781.D
Acq: 16 Jan 2024 17:47

Tgt Ion: 95 Resp: 86782
Ion Ratio Lower Upper
95 100
174 69.1 0.0 135.6
176 66.2 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: VX039781.D

Acq: 16 Jan 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-200-202

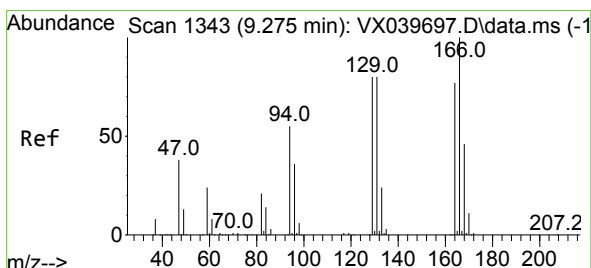
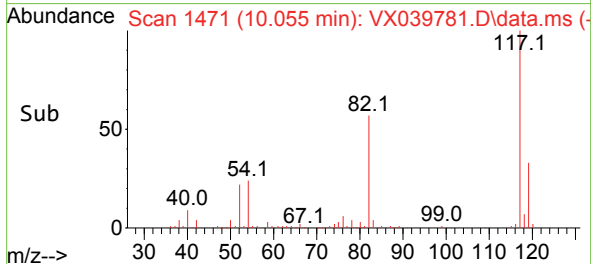
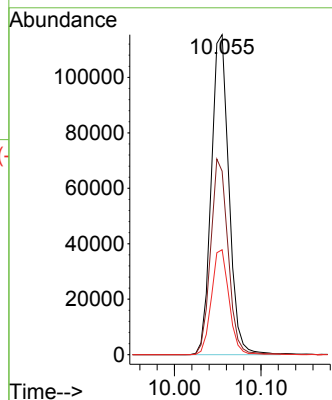
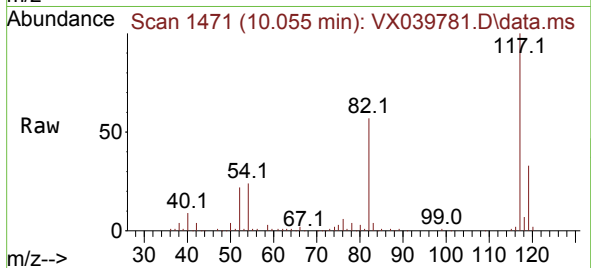
Tgt Ion:117 Resp: 162960

Ion Ratio Lower Upper

117 100

82 57.3 46.2 69.4

119 32.8 25.5 38.3



#64

Tetrachloroethene

Concen: 0.264 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX039781.D

Acq: 16 Jan 2024 17:47

Tgt Ion:164 Resp: 280

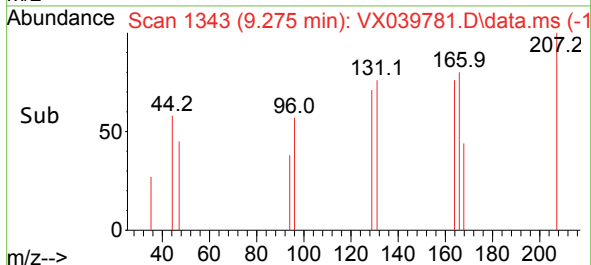
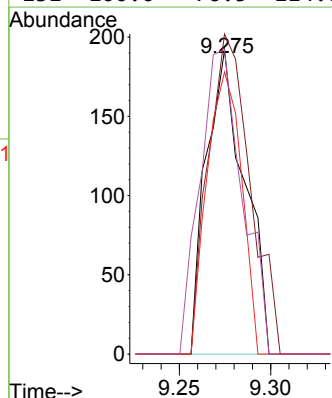
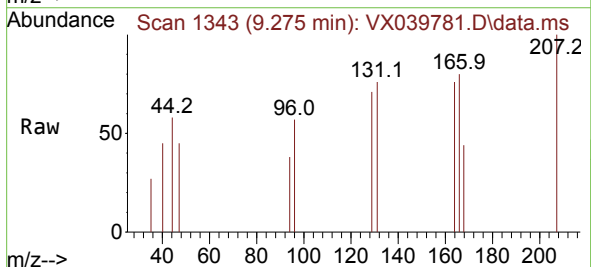
Ion Ratio Lower Upper

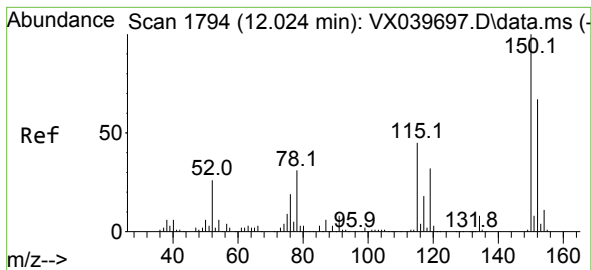
164 100

166 105.2 102.7 154.1

129 92.7 80.4 120.6

131 100.0 76.5 114.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX039781.D

Acq: 16 Jan 2024 17:47

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-191-GW-200-202

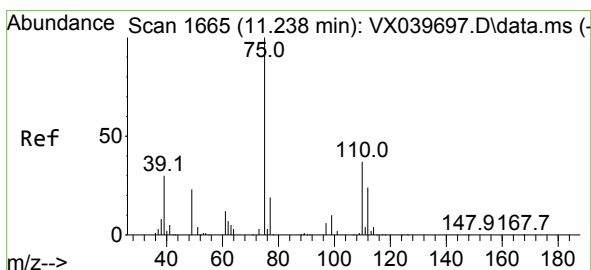
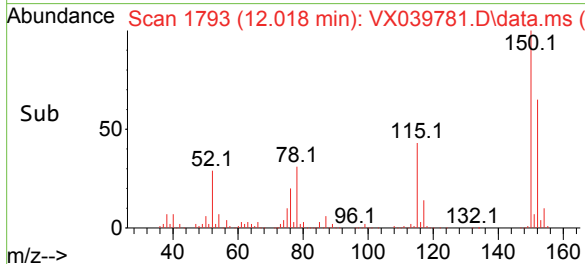
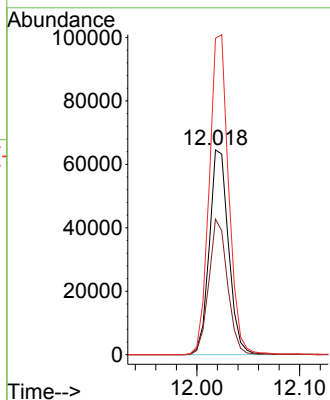
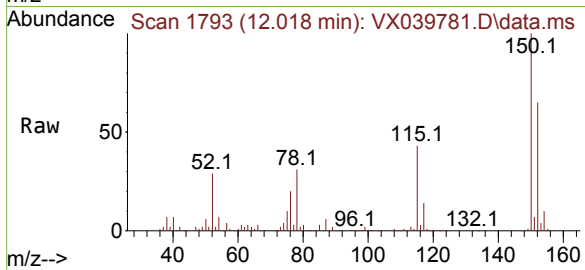
Tgt Ion:152 Resp: 83766

Ion Ratio Lower Upper

152 100

115 64.3 43.3 129.9

150 158.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.669 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039781.D

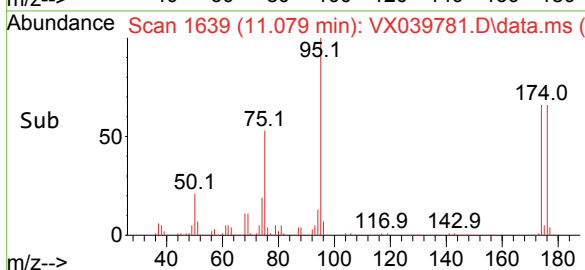
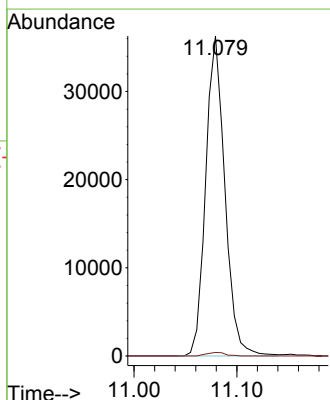
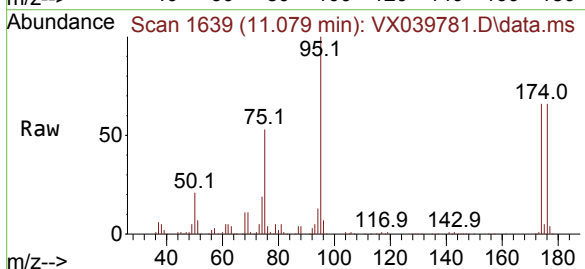
Acq: 16 Jan 2024 17:47

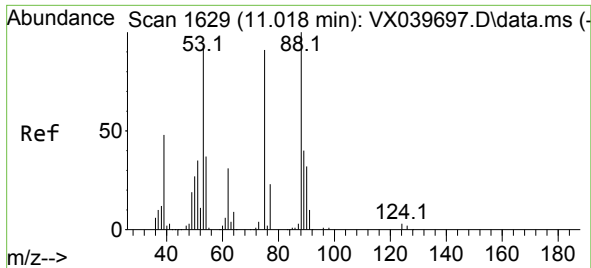
Tgt Ion: 75 Resp: 47059

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.990 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039781.D
Acq: 16 Jan 2024 17:47

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-191-GW-200-202

Tgt Ion: 75 Resp: 47059
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

