

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100923\
 Data File : VX038177.D
 Acq On : 09 Oct 2023 17:19
 Operator : JC/MD
 Sample : 04724-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Oct 10 00:59:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

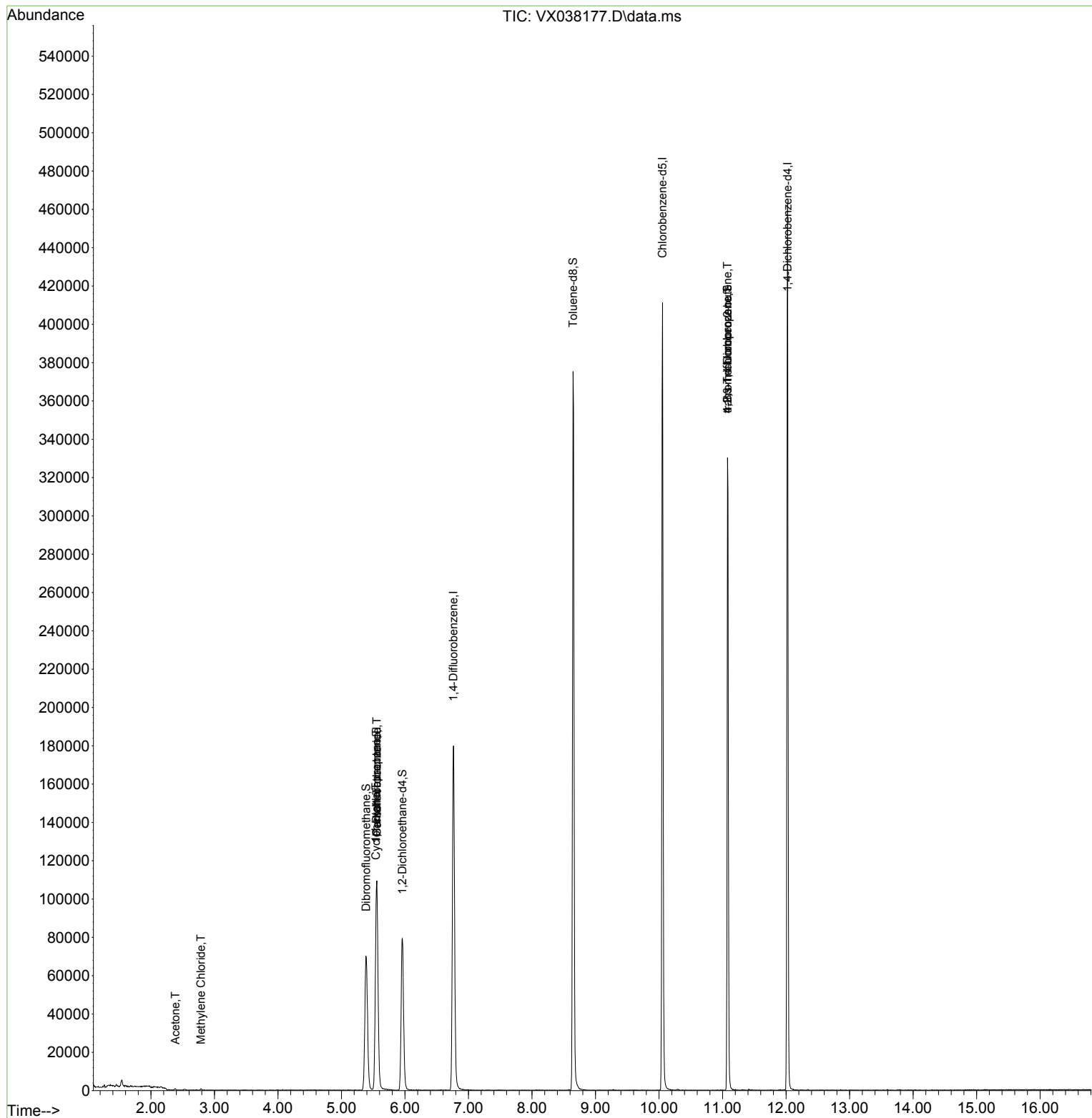
Internal Standards						
1) Pentafluorobenzene	5.556	168	104112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	184177	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77053	46.013	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.020%
35) Dibromofluoromethane	5.385	113	60199	45.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.720%
50) Toluene-d8	8.647	98	231400	45.630	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.260%#
62) 4-Bromofluorobenzene	11.079	95	85246	44.340	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	19	Below Cal	#	3
6) Chloroethane	1.678	64	113	Below Cal	#	43
16) Acetone	2.386	43	737	1.055	ug/l	90
20) Methylene Chloride	2.788	84	322	0.245	ug/l #	66
31) Cyclohexane	5.544	56	2545	1.403	ug/l #	49
36) 1,1-Dichloropropene	5.550	75	8733	4.772	ug/l #	51
38) Carbon Tetrachloride	5.556	117	11005	6.113	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	47484	22.731	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	47484	65.054	ug/l #	5

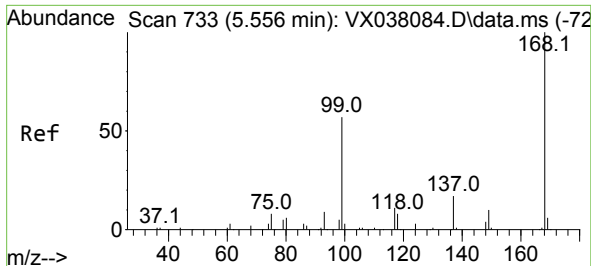
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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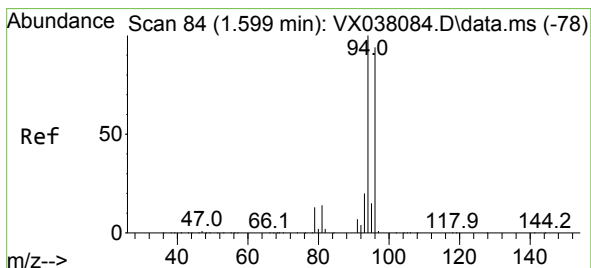
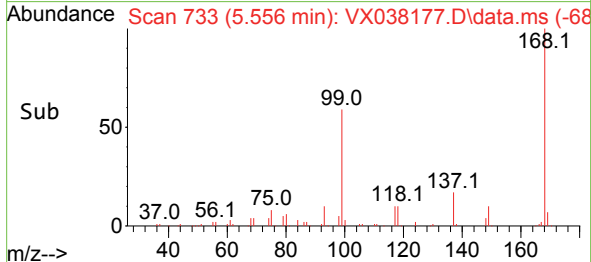
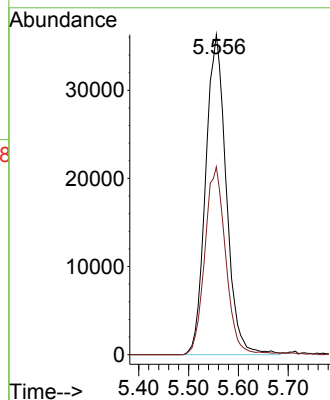
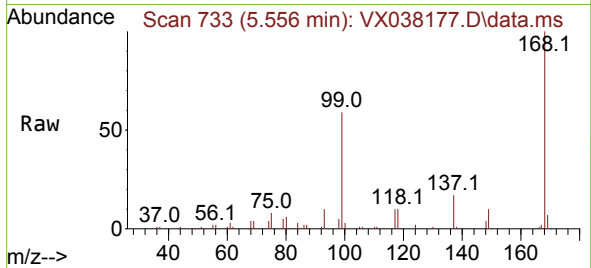




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

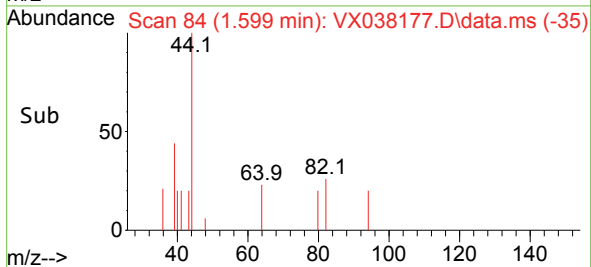
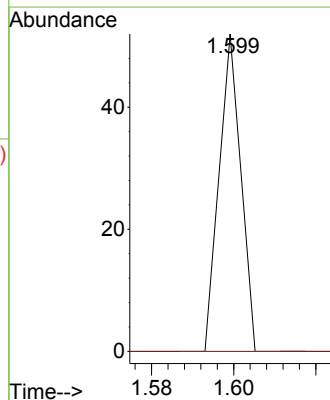
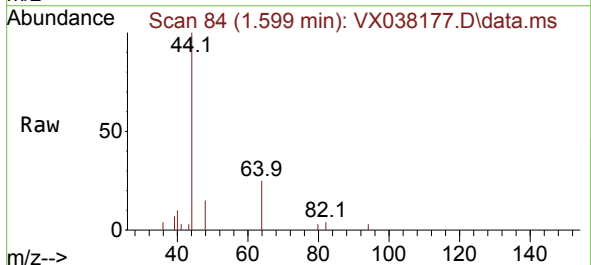
Instrument :
MSVOA_X
ClientSampleId :
MW-4

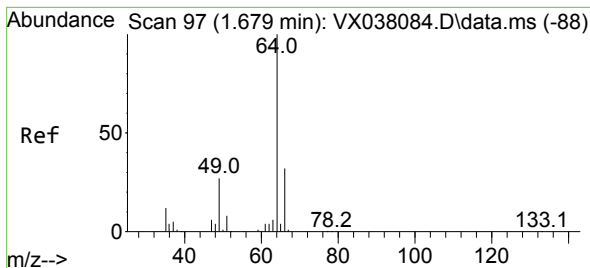
Tgt Ion:168 Resp: 104112
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

Tgt Ion: 94 Resp: 19
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

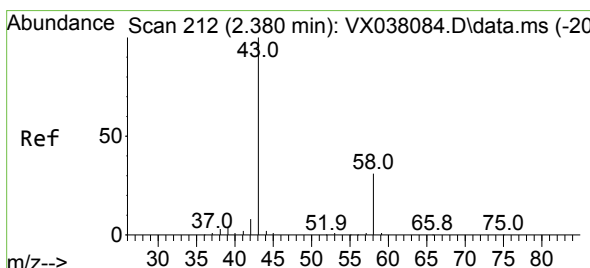
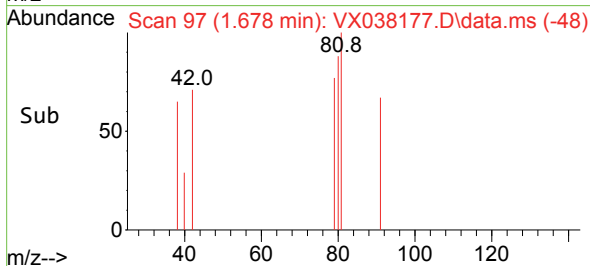
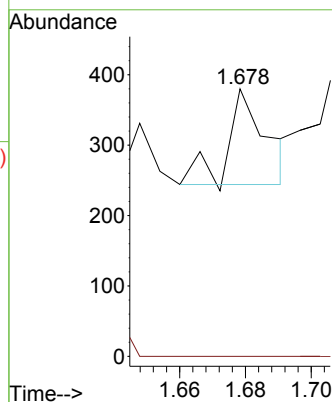
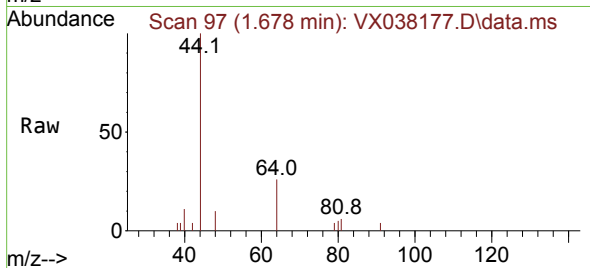




#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

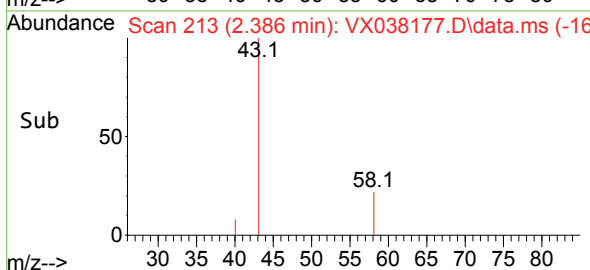
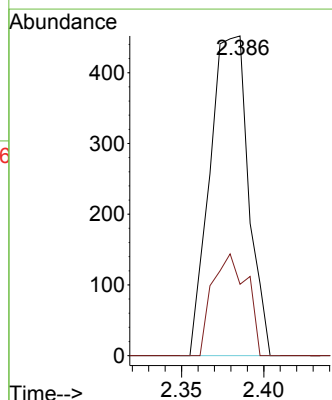
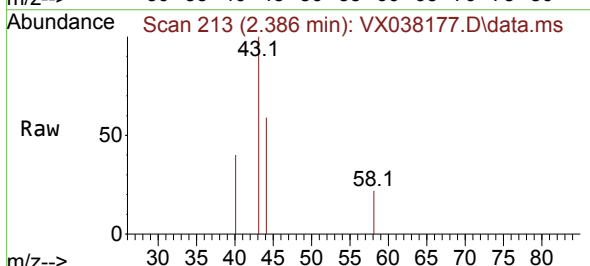
Instrument :
MSVOA_X
ClientSampleId :
MW-4

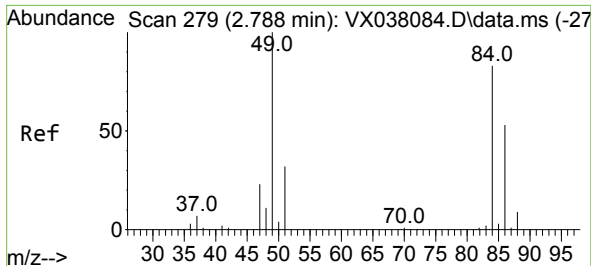
Tgt Ion: 64 Resp: 113
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.055 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 22.3 21.9 32.9

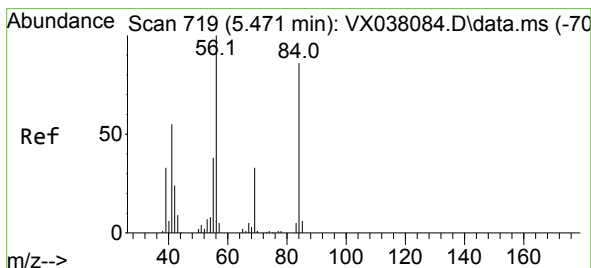
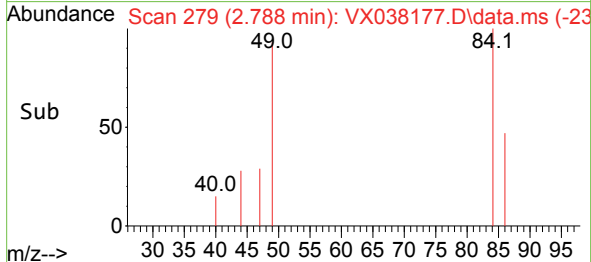
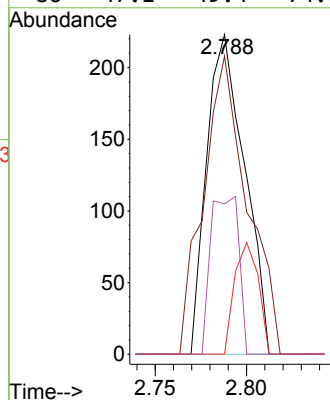
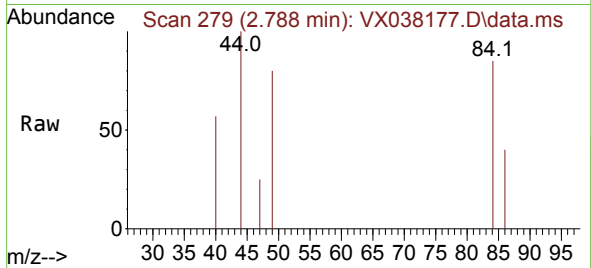




#20
Methylene Chloride
Concen: 0.245 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

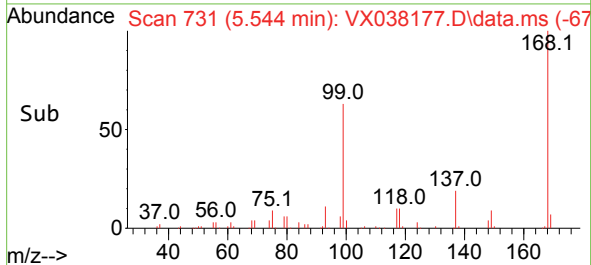
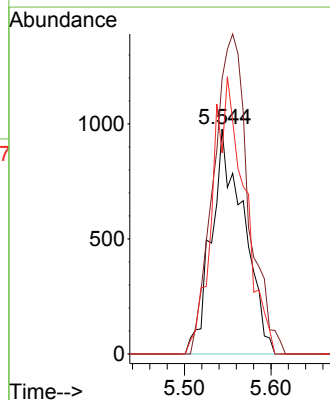
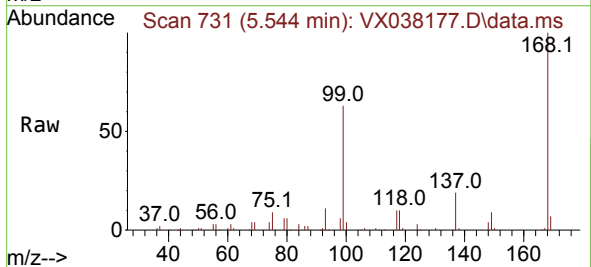
Instrument :
MSVOA_X
ClientSampleId :
MW-4

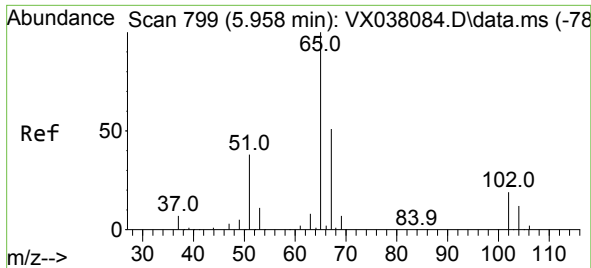
Tgt Ion: 84	Resp:	322	
Ion	Ratio	Lower	Upper
84	100		
49	93.3	103.6	155.4#
51	0.0	33.8	50.6#
86	47.1	49.4	74.0#



#31
Cyclohexane
Concen: 1.403 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

Tgt Ion: 56	Resp:	2545	
Ion Ratio	Lower	Upper	
56	100		
69	122.6	23.4	35.2#
84	89.5	65.9	98.9

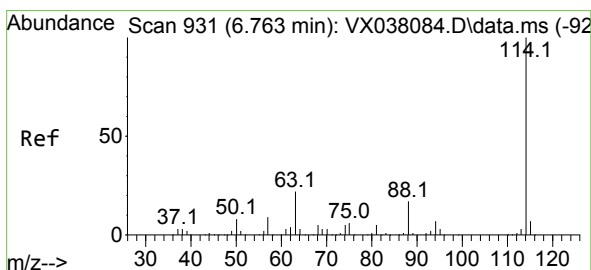
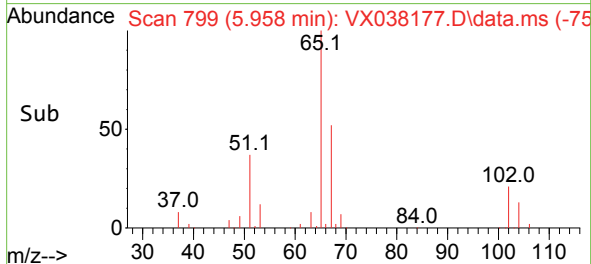
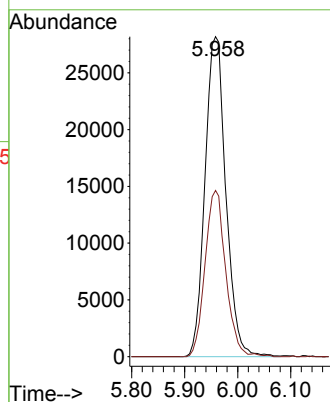
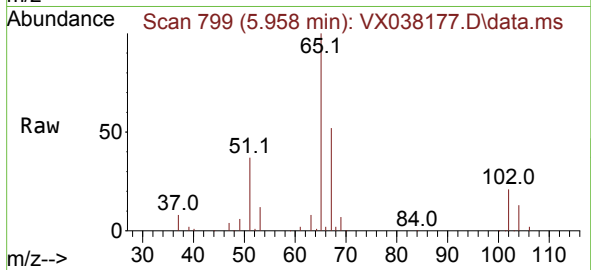




#33
 1,2-Dichloroethane-d4
 Concen: 46.013 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038177.D
 Acq: 09 Oct 2023 17:19

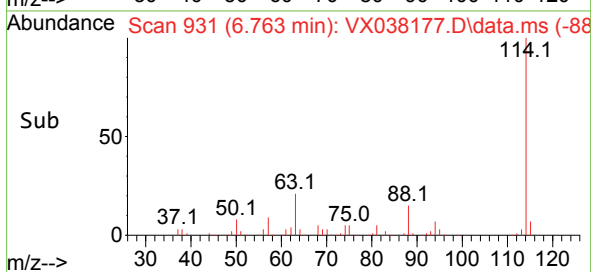
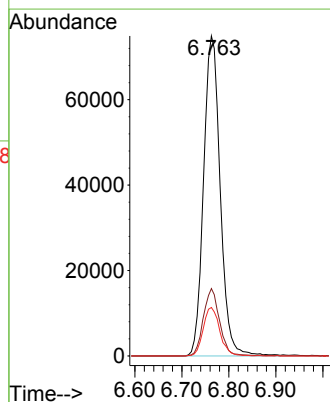
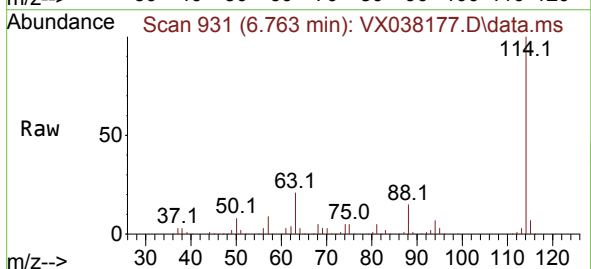
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

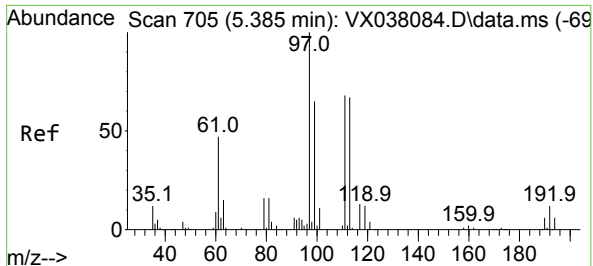
Tgt Ion: 65 Resp: 77053
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038177.D
 Acq: 09 Oct 2023 17:19

Tgt Ion:114 Resp: 184177
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.0
 88 15.2 0.0 36.6

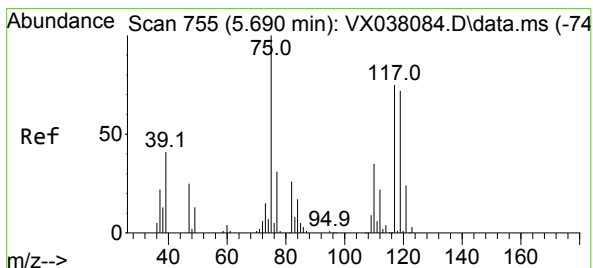
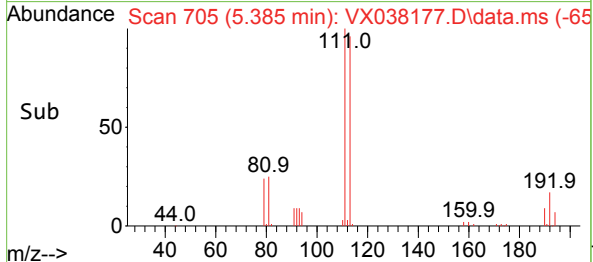
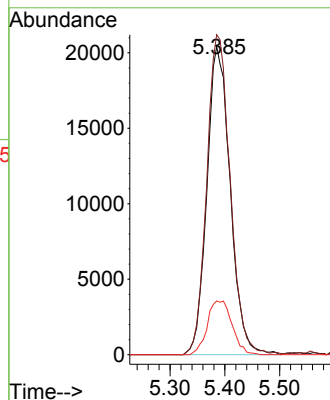
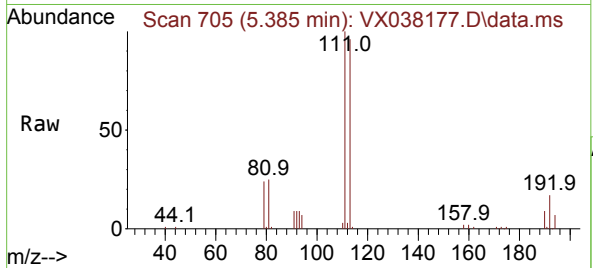




#35
 Dibromofluoromethane
 Concen: 45.361 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX038177.D
 Acq: 09 Oct 2023 17:19

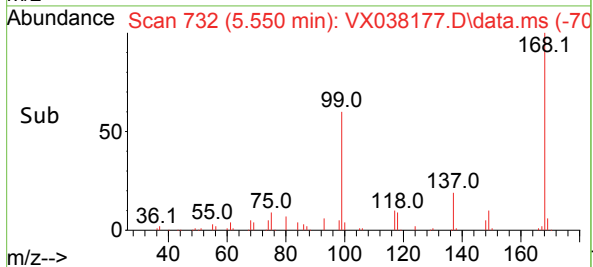
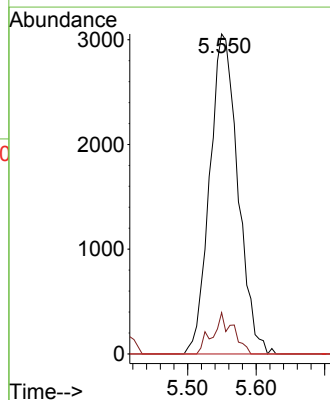
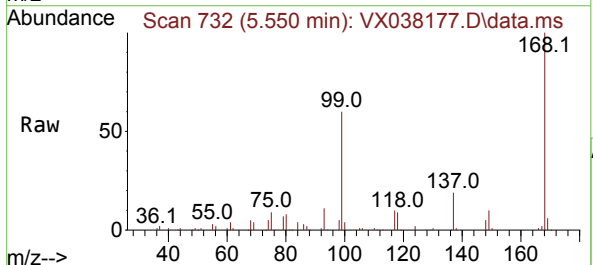
Instrument :
 MSVOA_X
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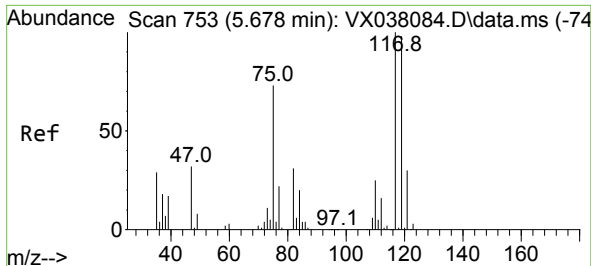
Tgt Ion:113 Resp: 60199
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 18.6 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.772 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX038177.D
 Acq: 09 Oct 2023 17:19

Tgt Ion: 75 Resp: 8733
 Ion Ratio Lower Upper
 75 100
 110 9.4 17.0 50.9#
 77 0.0 24.7 37.1#

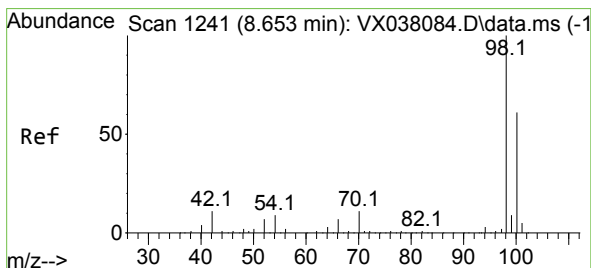
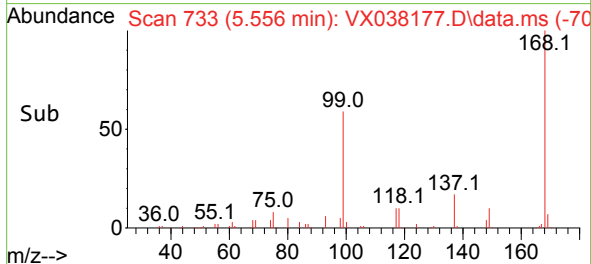
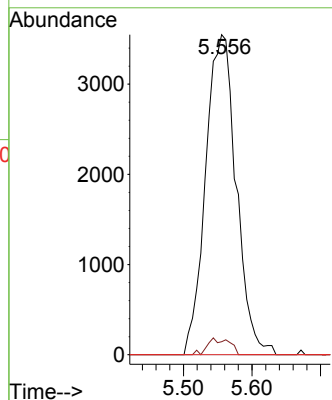
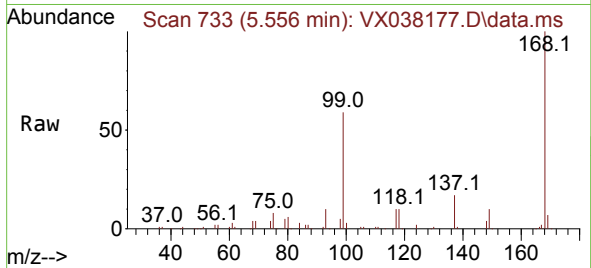




#38
Carbon Tetrachloride
Concen: 6.113 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

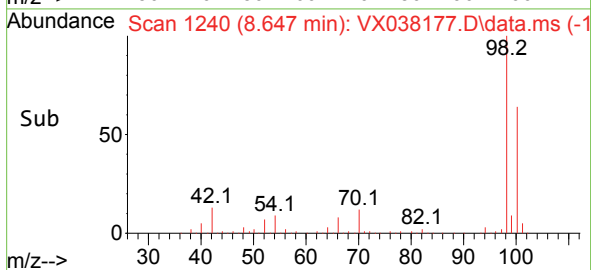
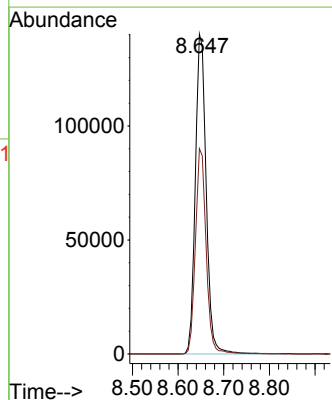
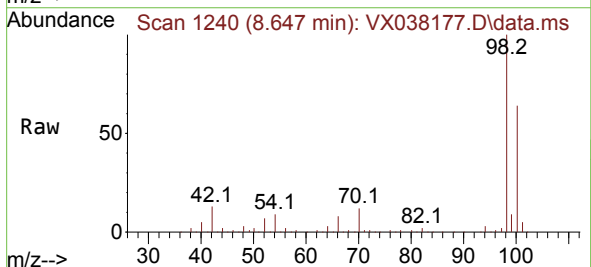
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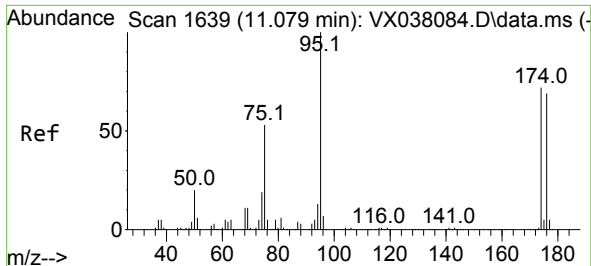
Tgt Ion:117 Resp: 11005
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.630 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

Tgt Ion: 98 Resp: 231400
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

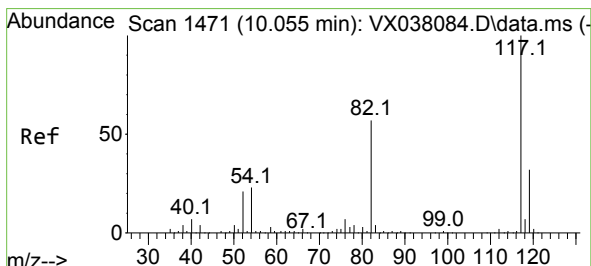
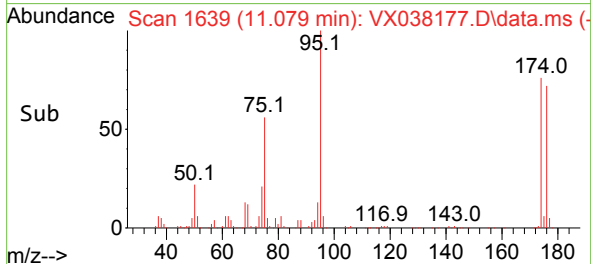
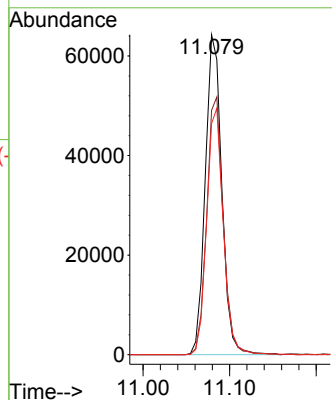
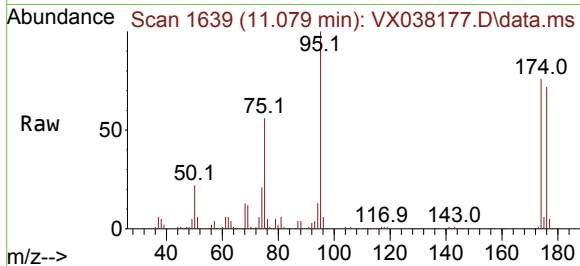




#62
4-Bromofluorobenzene
Concen: 44.340 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

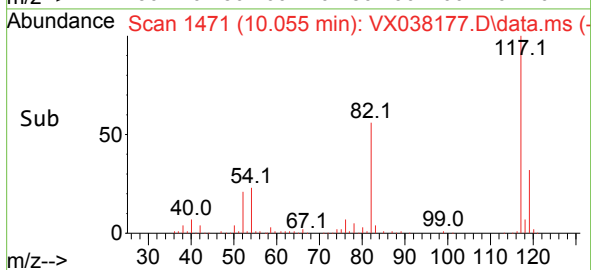
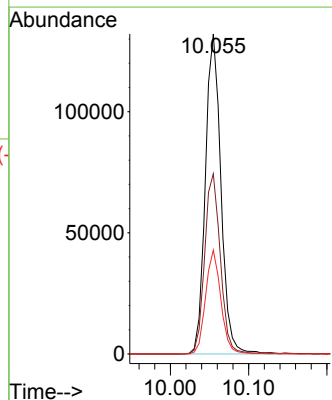
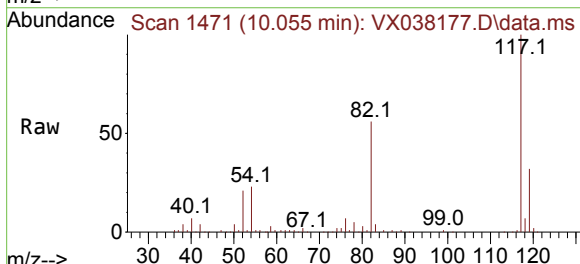
Instrument :
MSVOA_X
ClientSampleId :
MW-4

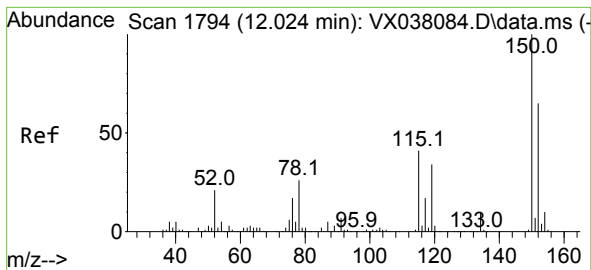
Tgt Ion: 95 Resp: 85246
Ion Ratio Lower Upper
95 100
174 80.6 0.0 135.6
176 77.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038177.D
Acq: 09 Oct 2023 17:19

Tgt Ion: 117 Resp: 182195
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.4 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: VX038177.D

Acq: 09 Oct 2023 17:19

Instrument :

MSVOA_X

ClientSampleId :

MW-4

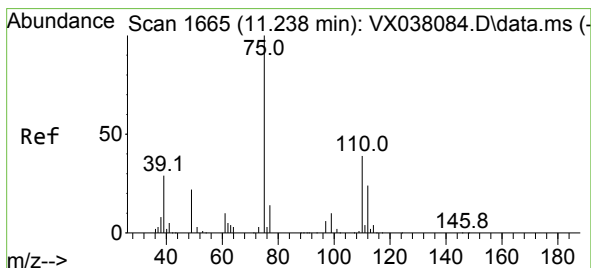
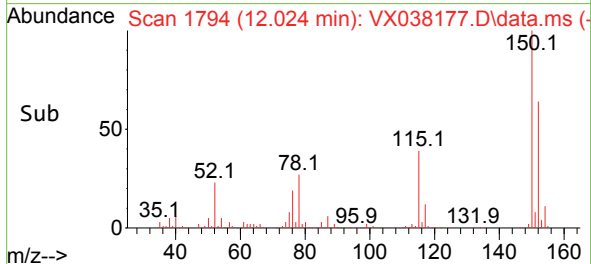
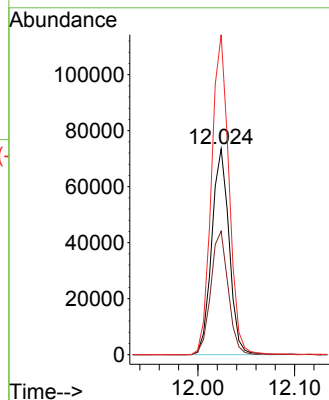
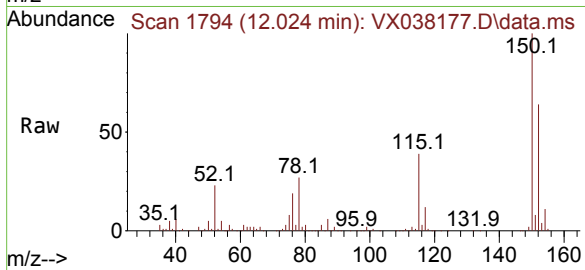
Tgt Ion:152 Resp: 91886

Ion Ratio Lower Upper

152 100

115 60.1 43.3 129.9

150 156.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.731 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038177.D

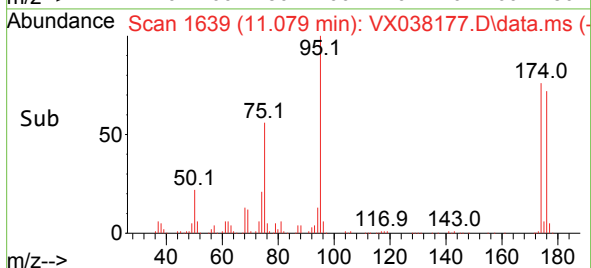
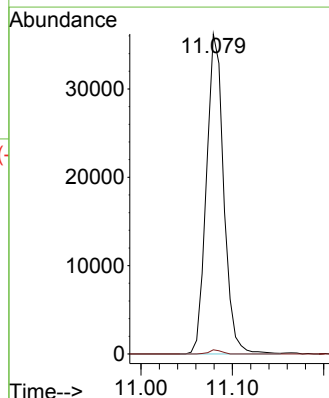
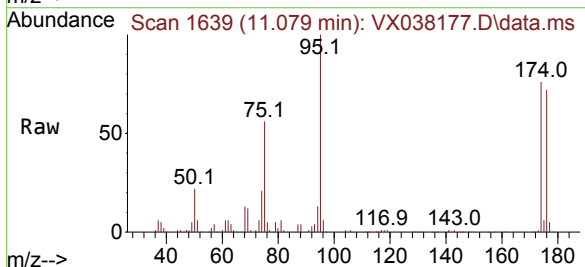
Acq: 09 Oct 2023 17:19

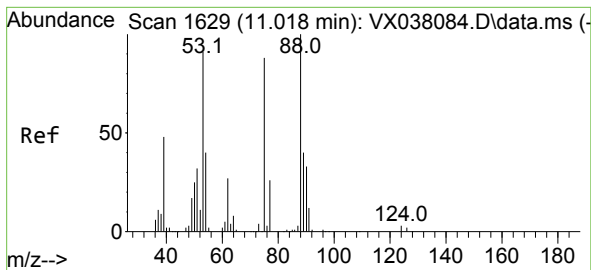
Tgt Ion: 75 Resp: 47484

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.054 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038177.D
 Acq: 09 Oct 2023 17:19

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Tgt Ion: 75 Resp: 47484
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

