

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038734.D
 Acq On : 10 Nov 2023 17:20
 Operator : JC/MD
 Sample : 05348-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW5-3-20231108

Quant Time: Nov 11 01:57:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

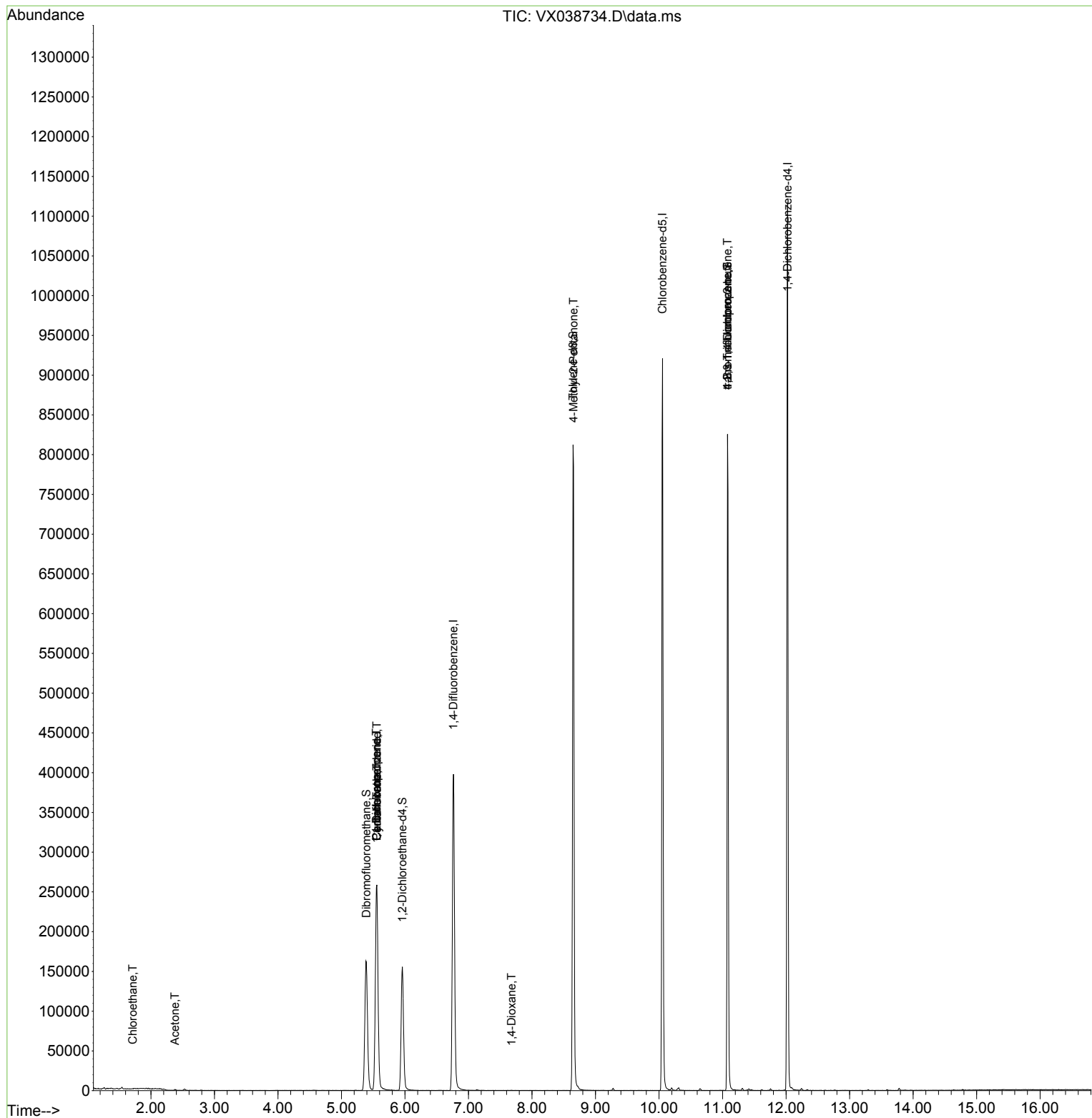
Internal Standards						
1) Pentafluorobenzene	5.556	168	271842	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	449104	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	263113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	156097	46.123	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.240%
35) Dibromofluoromethane	5.391	113	145606	45.015	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.040%
50) Toluene-d8	8.646	98	529458	45.743	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.480%#
62) 4-Bromofluorobenzene	11.079	95	224063	49.929	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.860%
Target Compounds						
					Qvalue	
6) Chloroethane	1.715	64	701	0.426	ug/l	# 43
16) Acetone	2.379	43	1148	0.805	ug/l	# 78
31) Cyclohexane	5.556	56	4422	1.181	ug/l	# 1
36) 1,1-Dichloropropene	5.549	75	17342	4.316	ug/l	# 52
38) Carbon Tetrachloride	5.556	117	25237	5.618	ug/l	# 16
49) 1,4-Dioxane	7.677	88	76	1.098	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.653	43	1914	0.466	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	107454	20.621	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	107454	62.810	ug/l	# 5

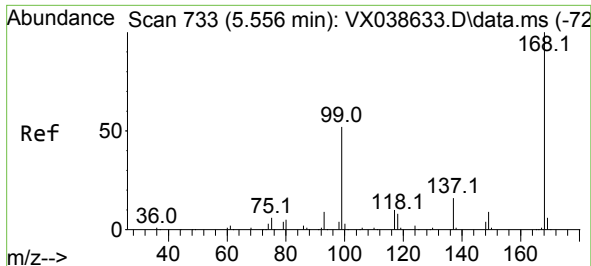
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration

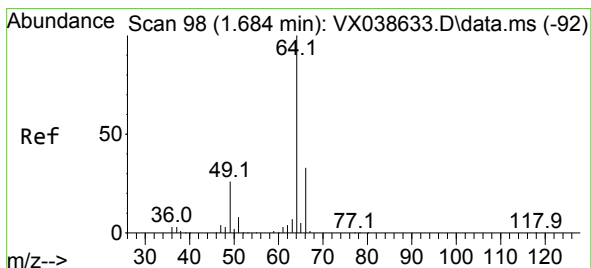
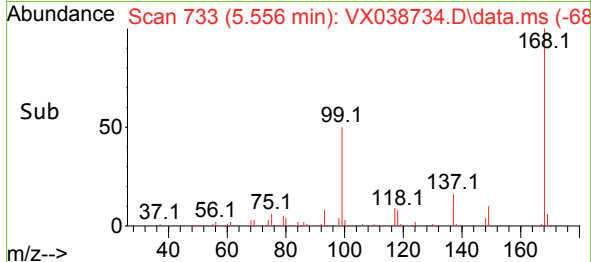
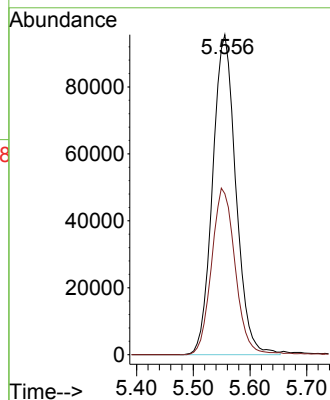
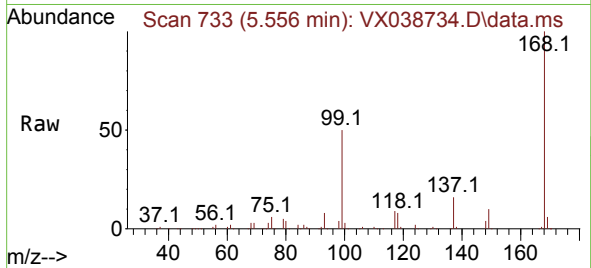




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20

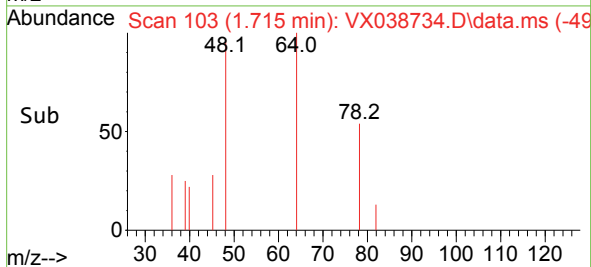
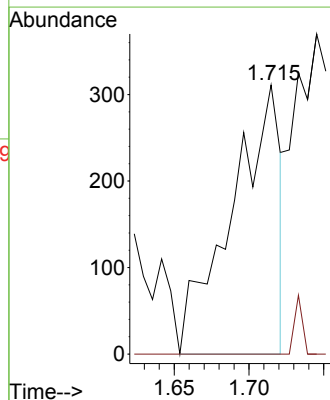
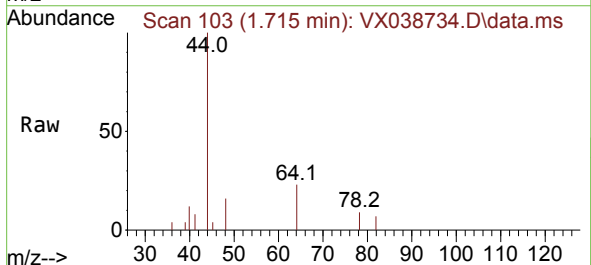
Instrument :
MSVOA_X
ClientSampleId :
BPOW5-3-20231108

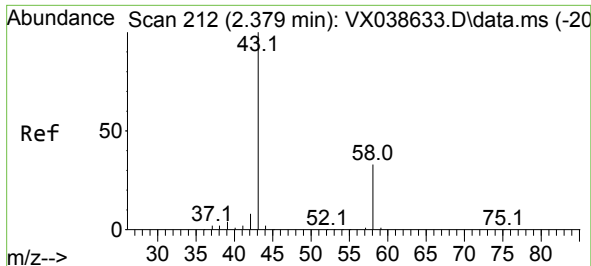
Tgt Ion:168 Resp: 271842
Ion Ratio Lower Upper
168 100
99 50.3 56.6 85.0#



#6
Chloroethane
Concen: 0.426 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.030 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20

Tgt Ion: 64 Resp: 701
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

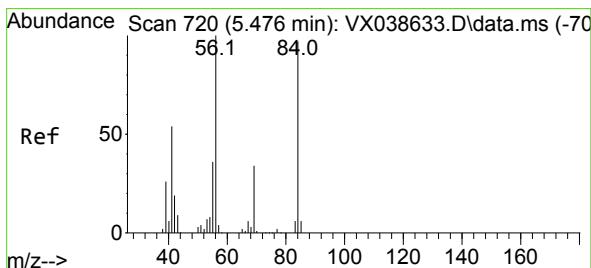
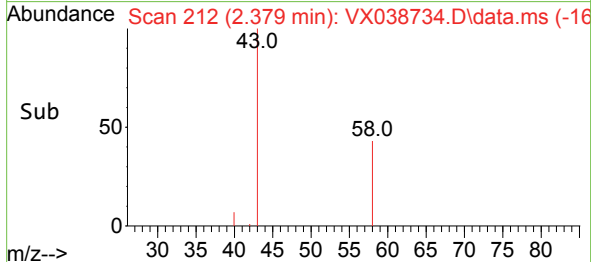
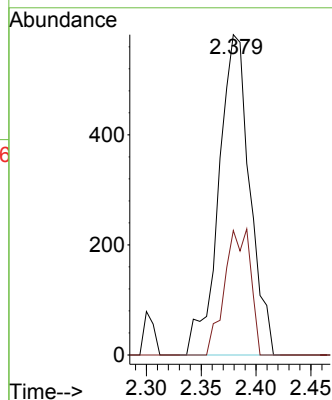
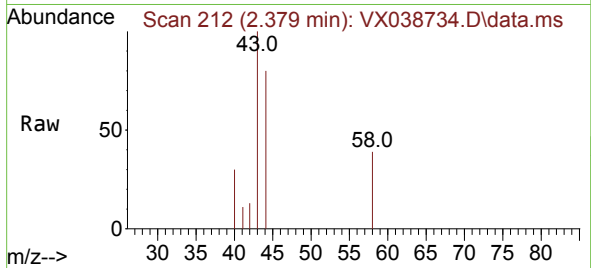




#16
Acetone
Concen: 0.805 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20

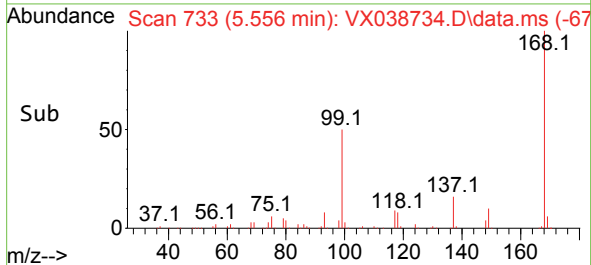
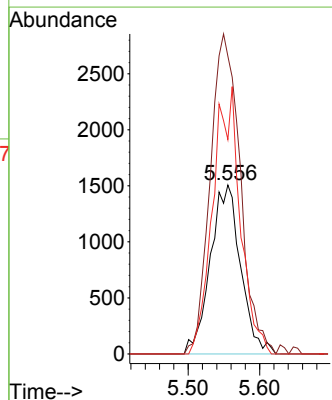
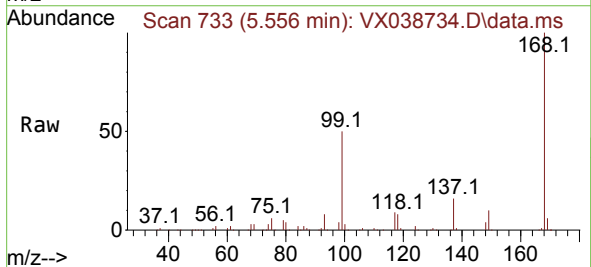
Instrument :
MSVOA_X
ClientSampleId :
BPOW5-3-20231108

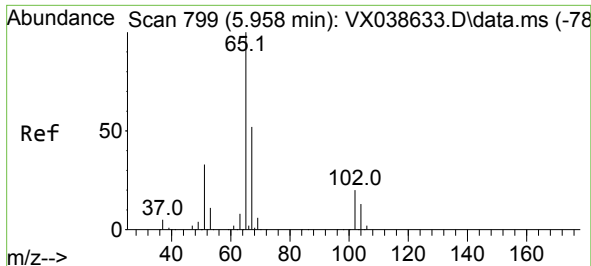
Tgt Ion: 43 Resp: 1148
Ion Ratio Lower Upper
43 100
58 38.8 21.9 32.9#



#31
Cyclohexane
Concen: 1.181 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20

Tgt Ion: 56 Resp: 4422
Ion Ratio Lower Upper
56 100
69 176.3 23.4 35.2#
84 126.9 65.9 98.9#

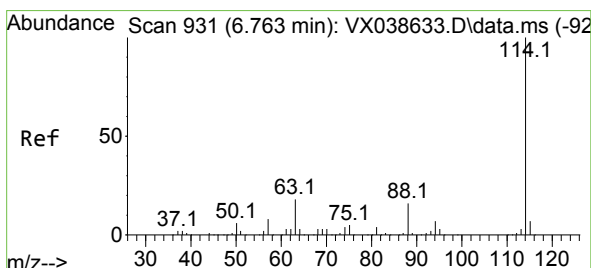
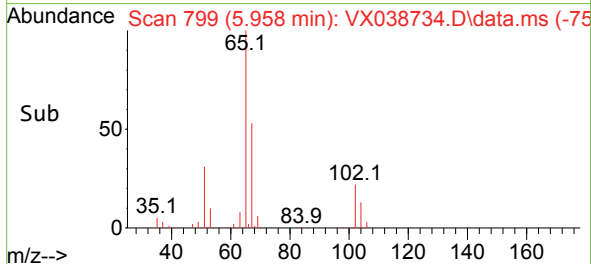
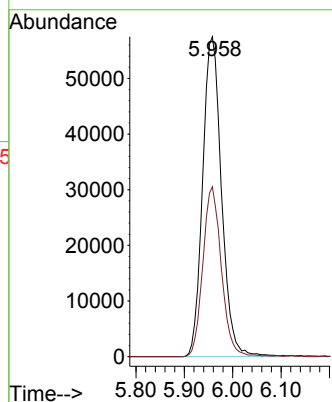
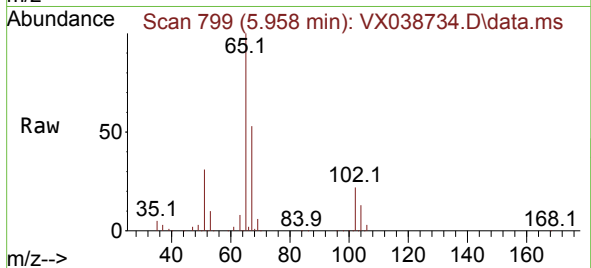




#33
1,2-Dichloroethane-d4
Concen: 46.123 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20

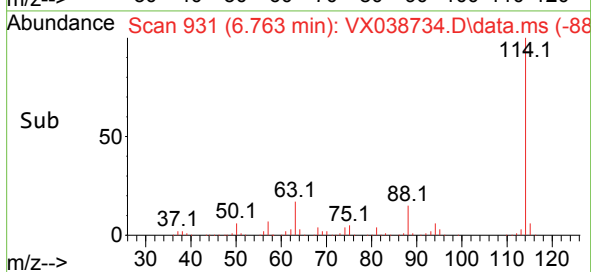
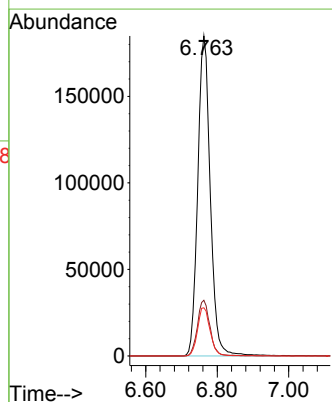
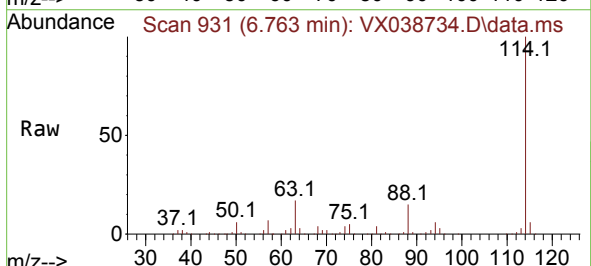
Instrument :
MSVOA_X
ClientSampleId :
BPOW5-3-20231108

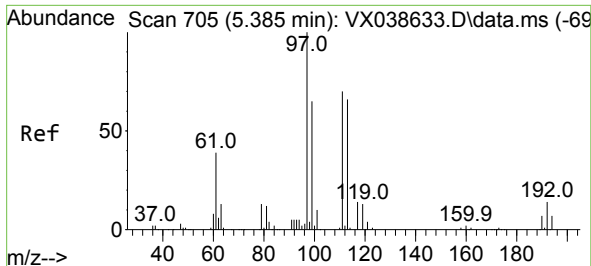
Tgt Ion: 65 Resp: 156097
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20

Tgt Ion:114 Resp: 449104
Ion Ratio Lower Upper
114 100
63 17.4 0.0 45.0
88 15.1 0.0 36.6

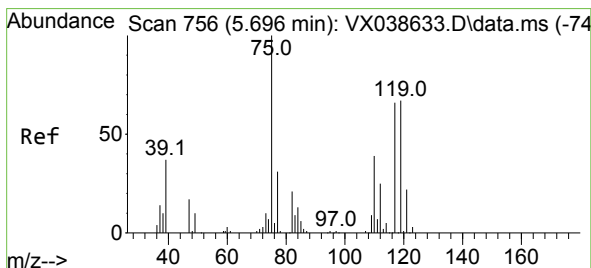
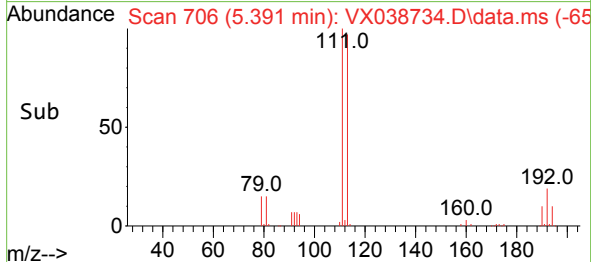
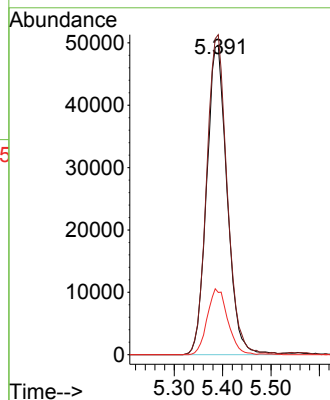
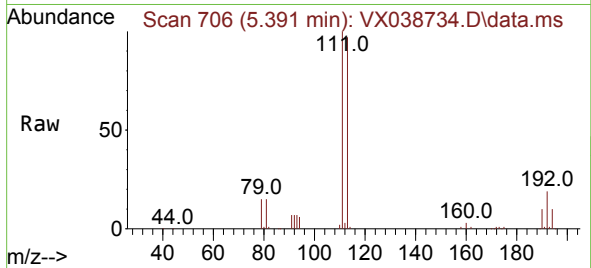




#35
Dibromofluoromethane
Concen: 45.015 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20

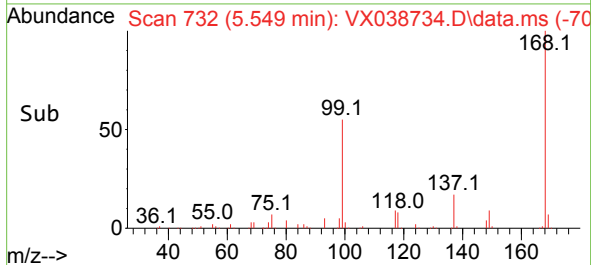
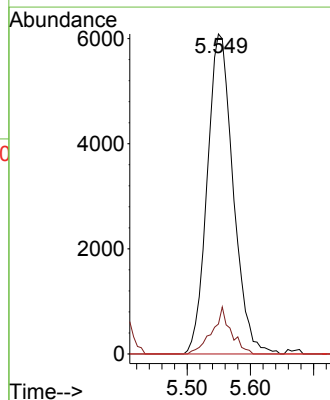
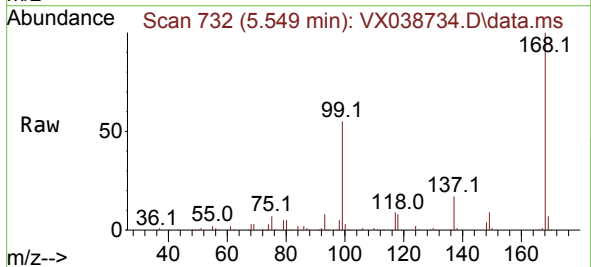
Instrument :
MSVOA_X
ClientSampleId :
BPOW5-3-20231108

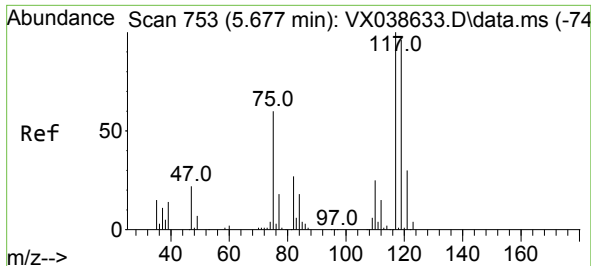
Tgt Ion:113 Resp: 145606
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 21.3 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.316 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20

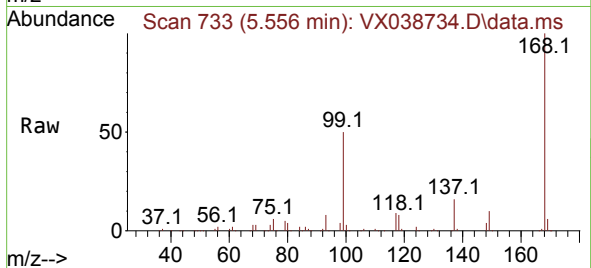
Tgt Ion: 75 Resp: 17342
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 24.7 37.1#



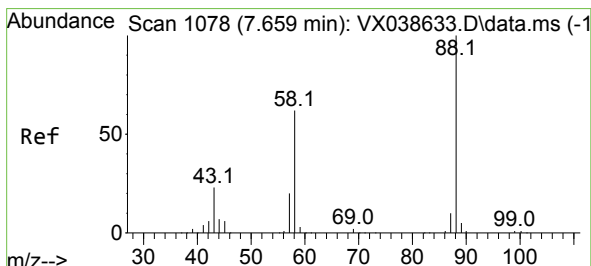
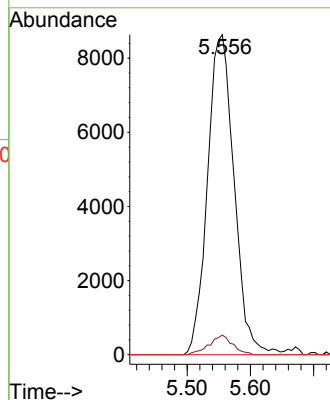
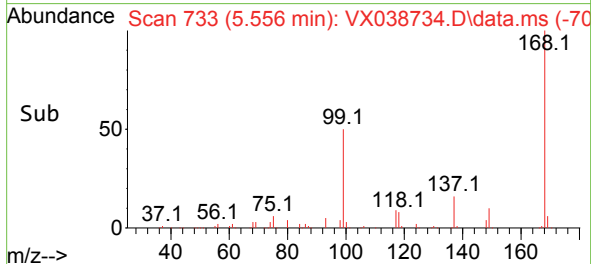


#38
Carbon Tetrachloride
Concen: 5.618 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20

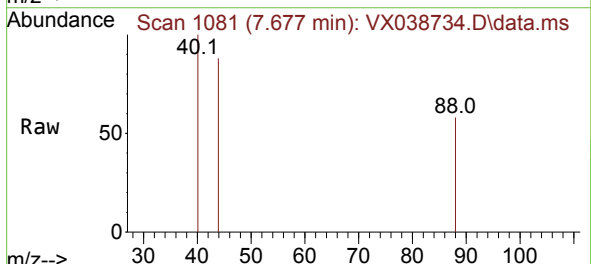
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MSVOA_X
ClientSampleId :
BPOW5-3-20231108



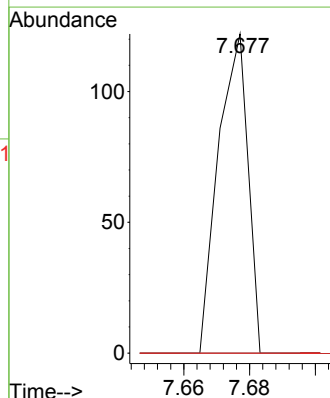
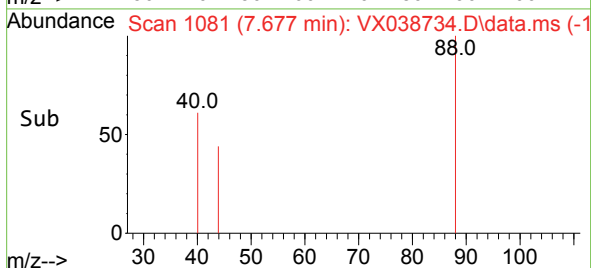
Tgt Ion:117 Resp: 25237
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#

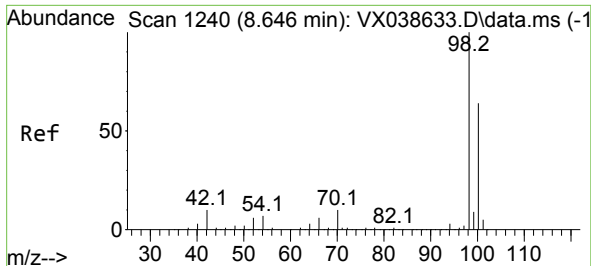


#49
1,4-Dioxane
Concen: 1.098 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.018 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20



Tgt Ion: 88 Resp: 76
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

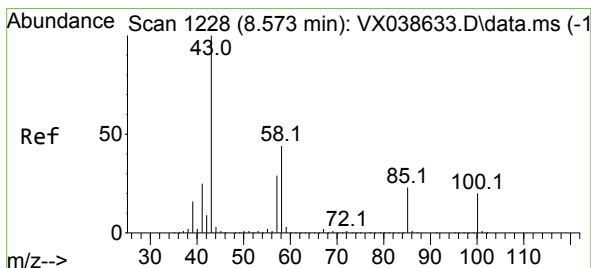
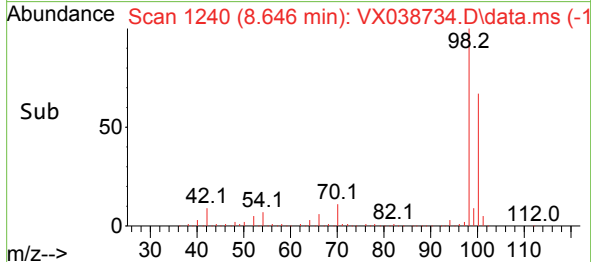
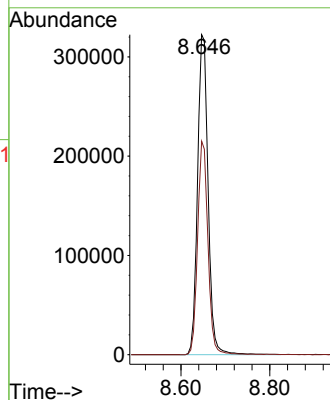
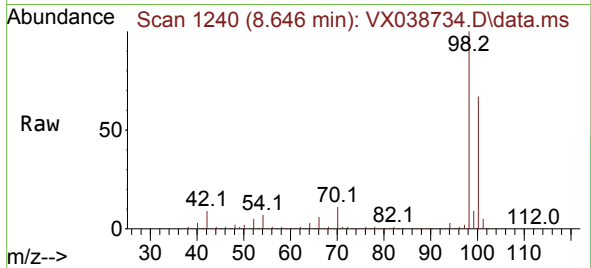




#50
Toluene-d8
Concen: 45.743 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20

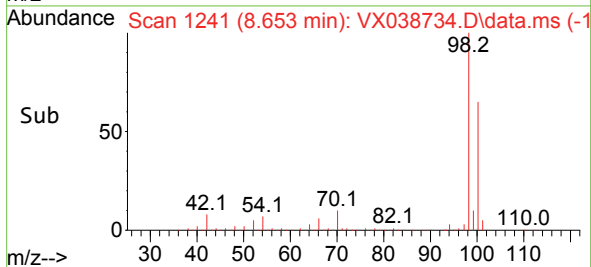
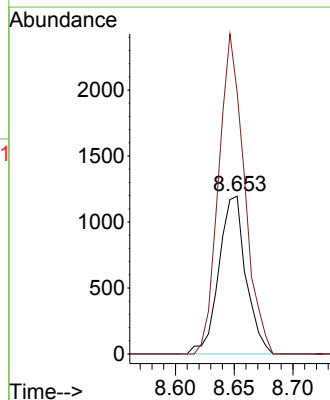
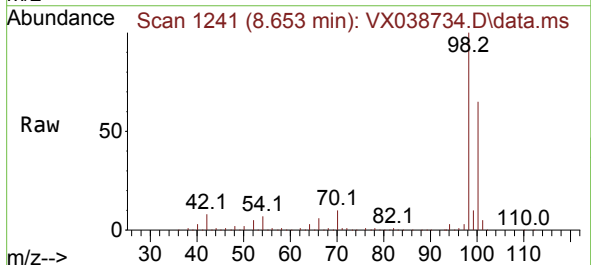
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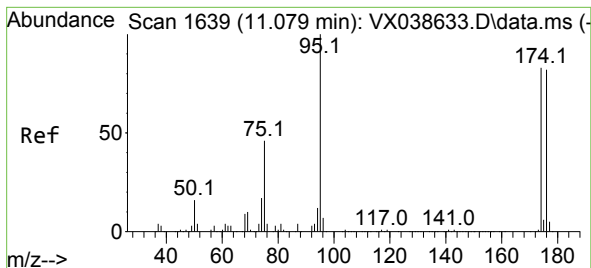
Tgt Ion: 98 Resp: 529458
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.466 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20

Tgt Ion: 43 Resp: 1914
Ion Ratio Lower Upper
43 100
58 192.8 30.4 45.6

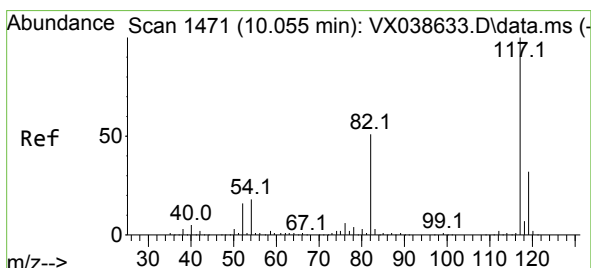
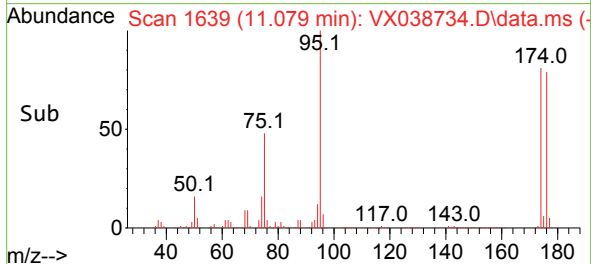
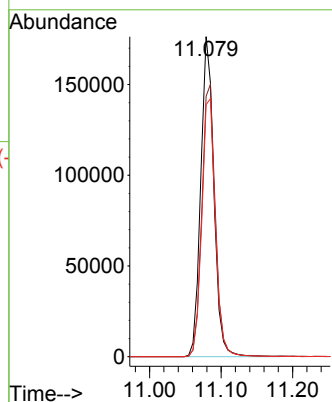
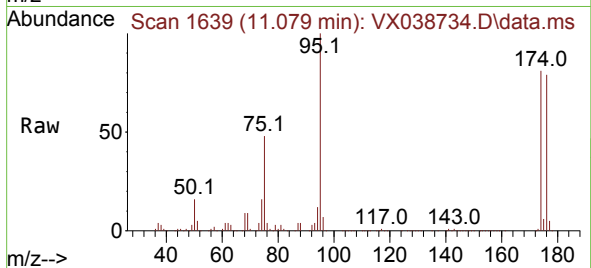




#62
4-Bromofluorobenzene
Concen: 49.929 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20

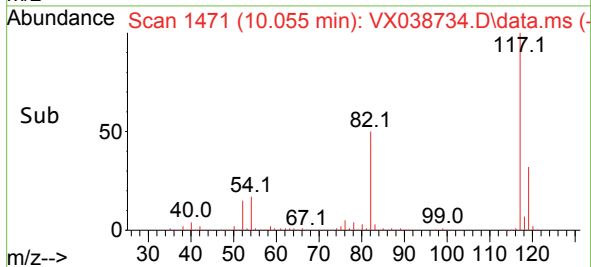
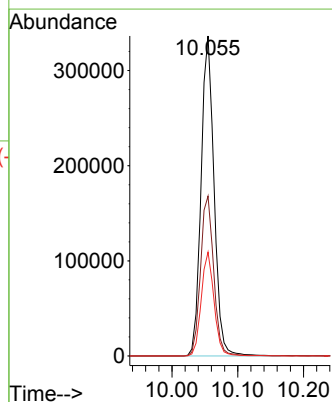
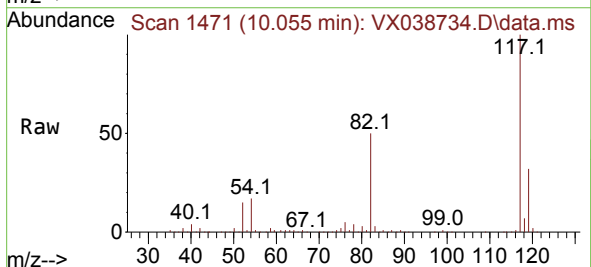
Instrument :
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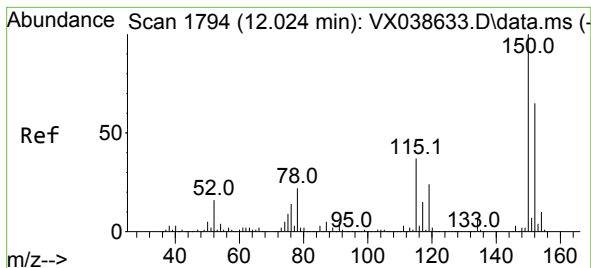
Tgt Ion: 95 Resp: 224063
Ion Ratio Lower Upper
95 100
174 88.1 0.0 135.6
176 84.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038734.D
Acq: 10 Nov 2023 17:20

Tgt Ion: 117 Resp: 461950
Ion Ratio Lower Upper
117 100
82 49.9 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX038734.D

Acq: 10 Nov 2023 17:20

Instrument :

MSVOA_X

ClientSampleId :

BPOW5-3-20231108

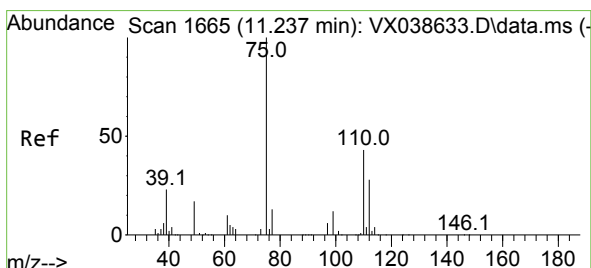
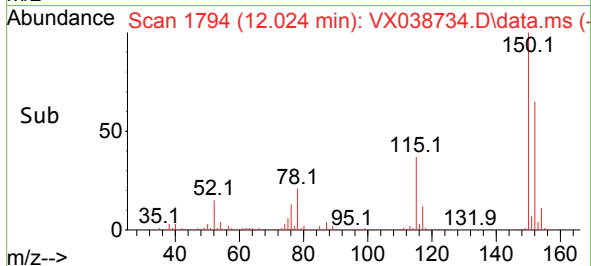
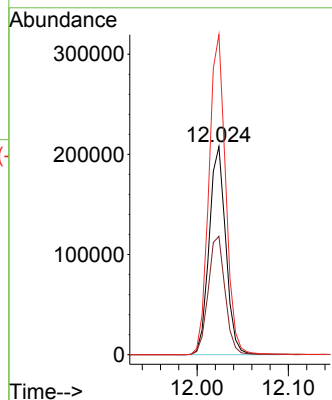
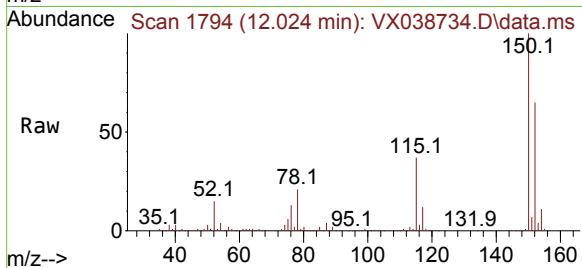
Tgt Ion:152 Resp: 263113

Ion Ratio Lower Upper

152 100

115 58.0 43.3 129.9

150 154.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 20.621 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038734.D

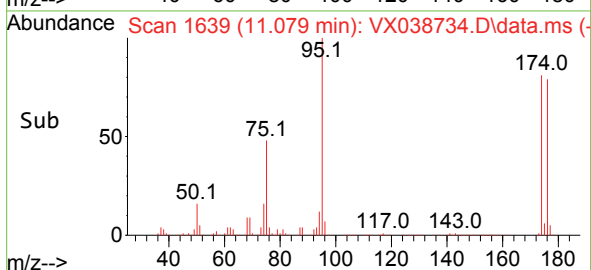
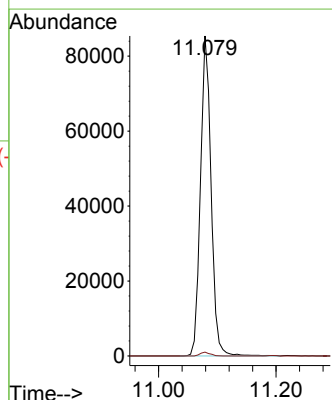
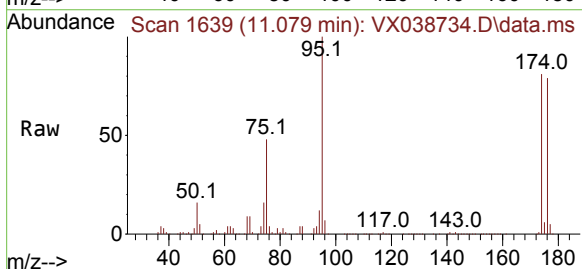
Acq: 10 Nov 2023 17:20

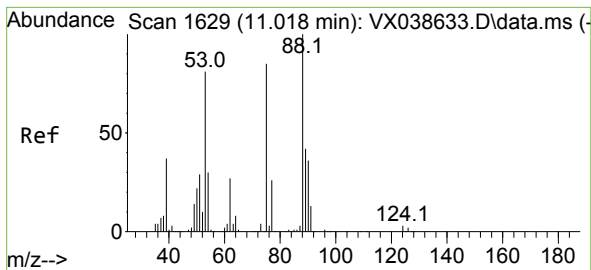
Tgt Ion: 75 Resp: 107454

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.810 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX038734.D
 Acq: 10 Nov 2023 17:20

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW5-3-20231108

Tgt Ion: 75 Resp: 107454
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

