

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038938.D
 Acq On : 18 Nov 2023 19:00
 Operator : JC/MD
 Sample : 05428-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20231113

Quant Time: Nov 20 04:39:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

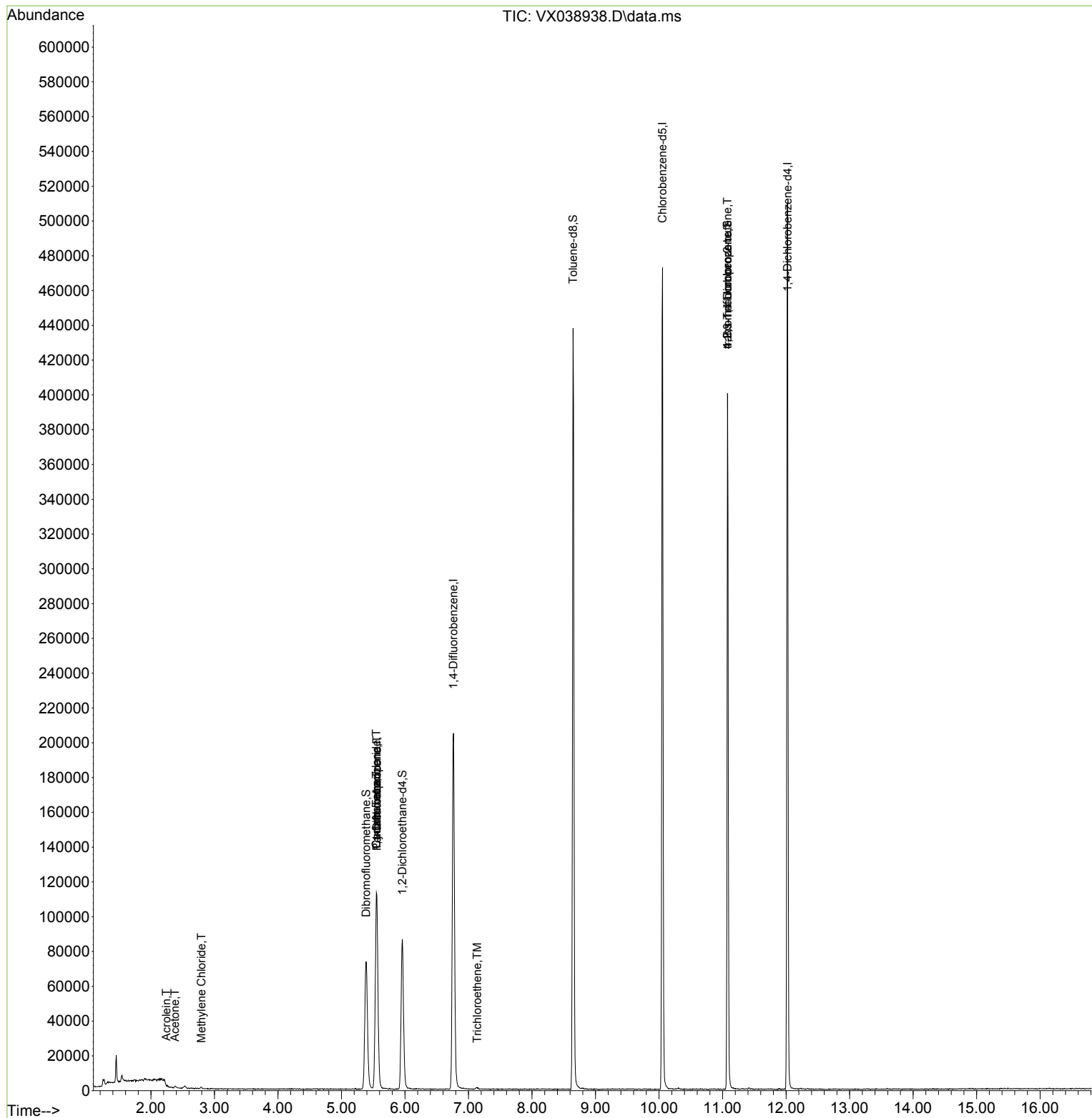
Internal Standards						
1) Pentafluorobenzene	5.556	168	101287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	205920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83167	50.958	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.920%
35) Dibromofluoromethane	5.385	113	66515	44.725	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.440%
50) Toluene-d8	8.647	98	260199	45.728	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.460%#
62) 4-Bromofluorobenzene	11.079	95	110024	48.303	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.600%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	266	1.108	ug/l #	14
16) Acetone	2.380	43	960	1.105	ug/l #	87
20) Methylene Chloride	2.794	84	454	0.290	ug/l #	64
31) Cyclohexane	5.550	56	2758	1.184	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	9420	4.419	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11164	5.667	ug/l #	15
44) Trichloroethene	7.135	130	530	0.345	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	58218	22.301	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58218	49.467	ug/l #	5

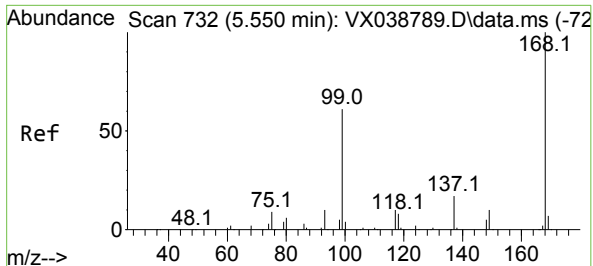
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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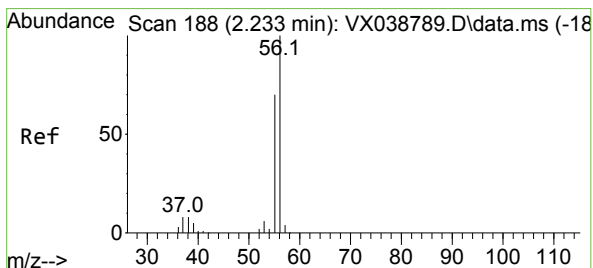
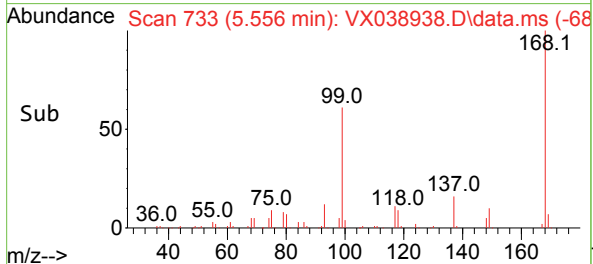
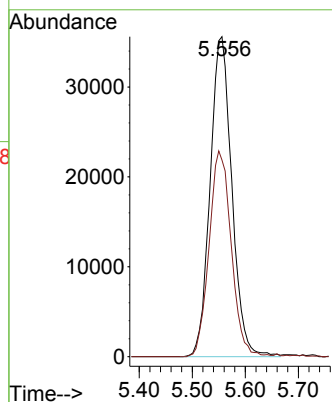
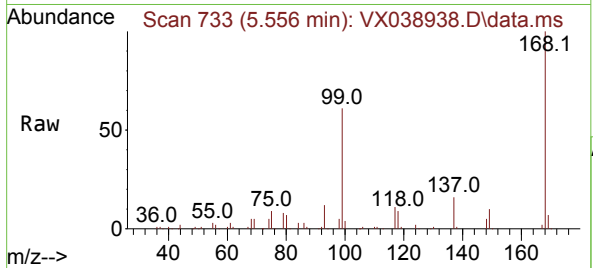




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038938.D
Acq: 18 Nov 2023 19:00

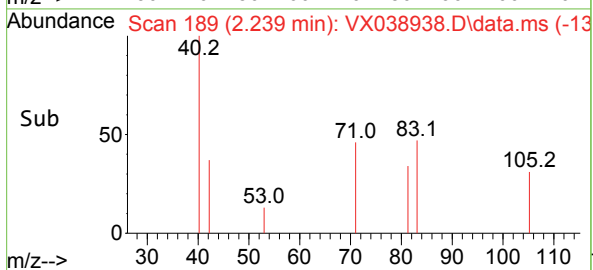
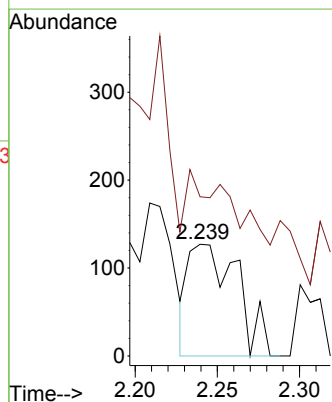
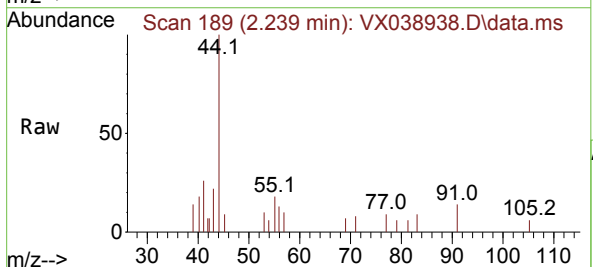
Instrument :
MSVOA_X
ClientSampleId :
FB01-20231113

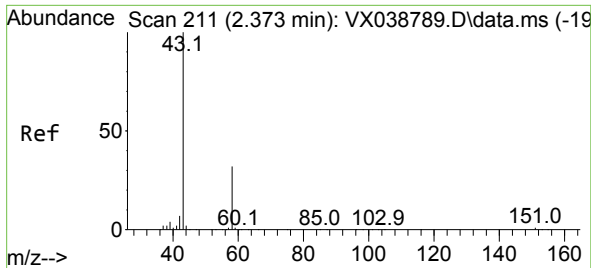
Tgt Ion:168 Resp: 101287
Ion Ratio Lower Upper
168 100
99 61.5 56.6 85.0



#13
Acrolein
Concen: 1.108 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX038938.D
Acq: 18 Nov 2023 19:00

Tgt Ion: 56 Resp: 266
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#





#16

Acetone

Concen: 1.105 ug/l

RT: 2.380 min Scan# 211

Delta R.T. 0.006 min

Lab File: VX038938.D

Acq: 18 Nov 2023 19:00

Instrument :

MSVOA_X

ClientSampleId :

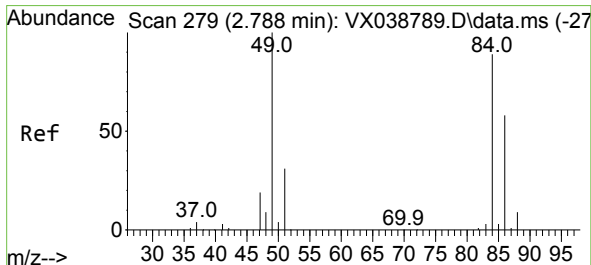
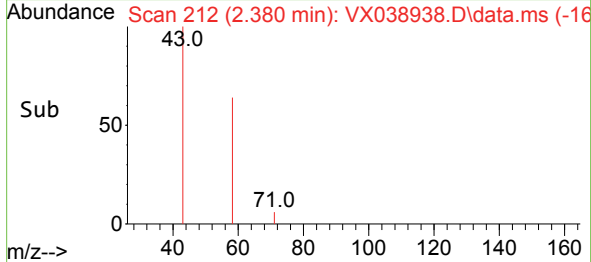
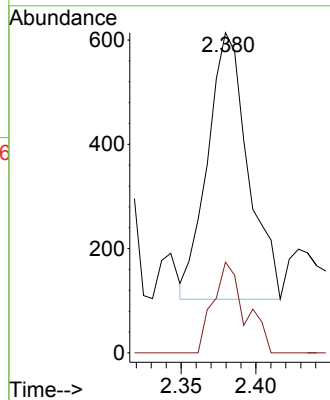
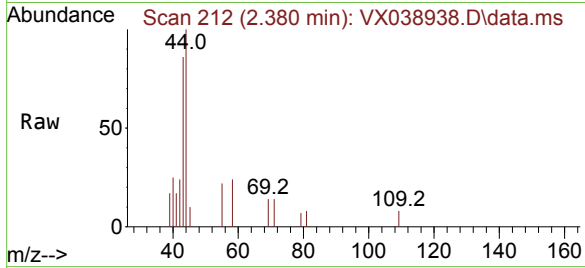
FB01-20231113

Tgt Ion: 43 Resp: 960

Ion Ratio Lower Upper

43 100

58 34.1 21.9 32.9#



#20

Methylene Chloride

Concen: 0.290 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX038938.D

Acq: 18 Nov 2023 19:00

Tgt Ion: 84 Resp: 454

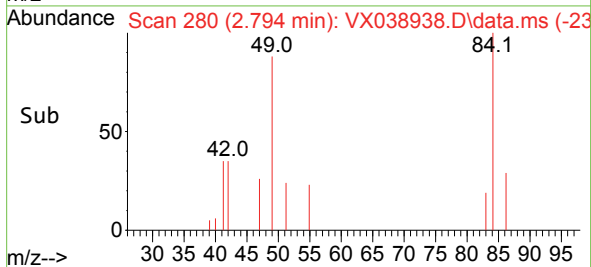
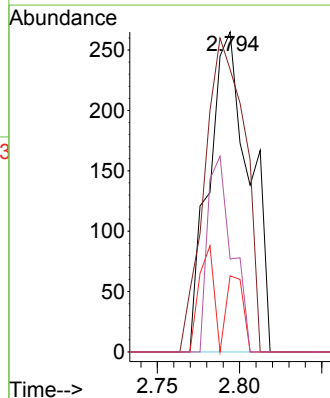
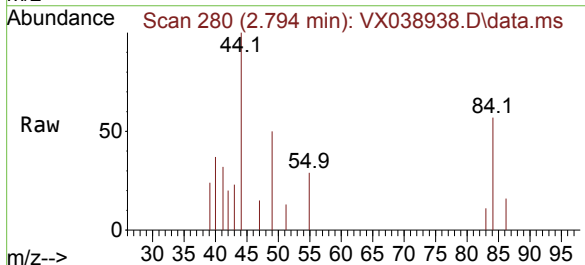
Ion Ratio Lower Upper

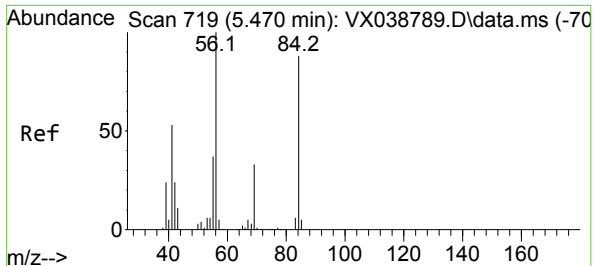
84 100

49 88.3 103.6 155.4#

51 23.8 33.8 50.6#

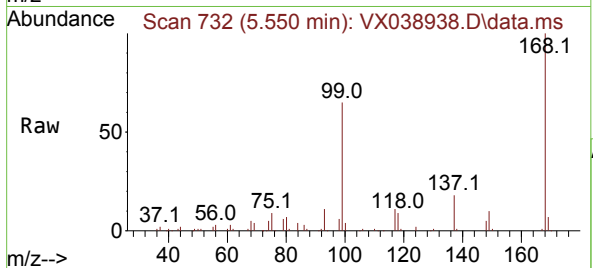
86 29.1 49.4 74.0#



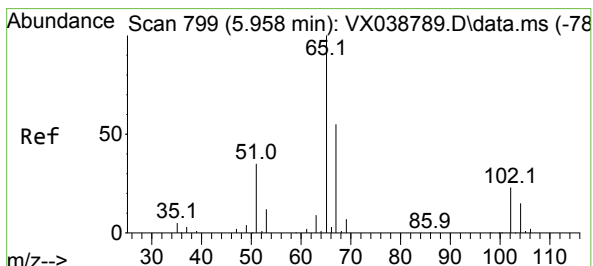
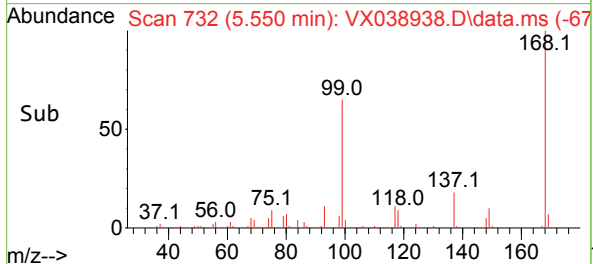
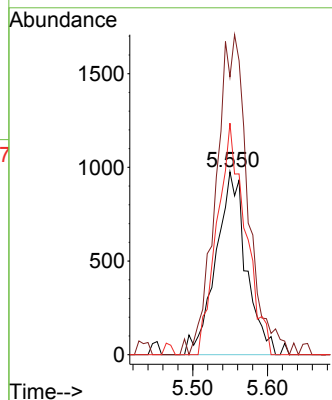


#31
Cyclohexane
Concen: 1.184 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038938.D
Acq: 18 Nov 2023 19:00

Instrument :
MSVOA_X
ClientSampleId :
FB01-20231113

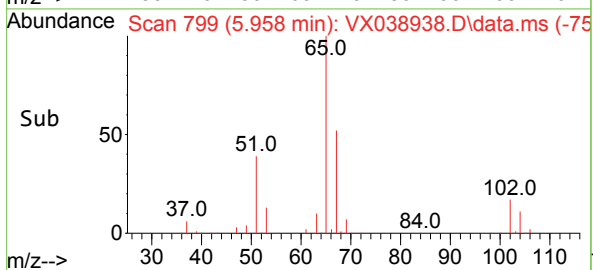
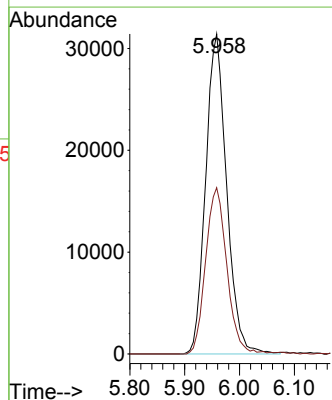
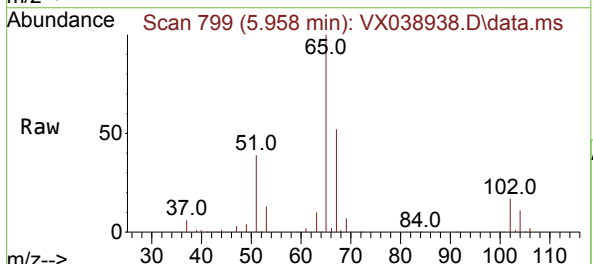


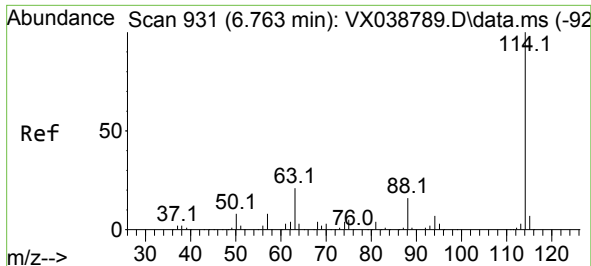
Tgt Ion: 56 Resp: 2758
Ion Ratio Lower Upper
56 100
69 151.9 23.4 35.2#
84 126.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 50.958 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038938.D
Acq: 18 Nov 2023 19:00

Tgt Ion: 65 Resp: 83167
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

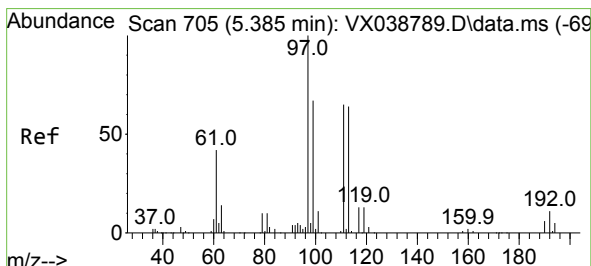
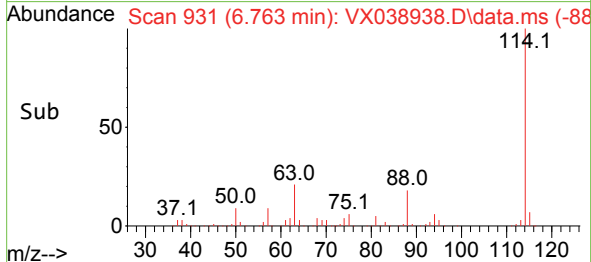
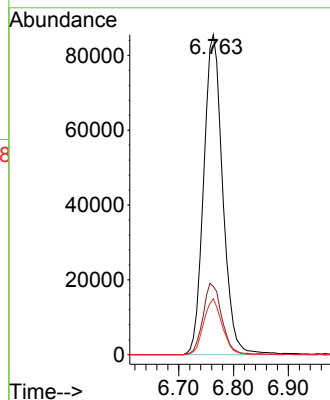
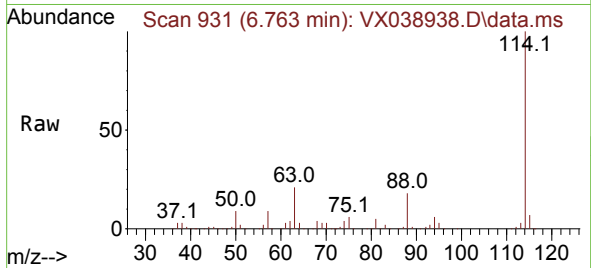




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038938.D
Acq: 18 Nov 2023 19:00

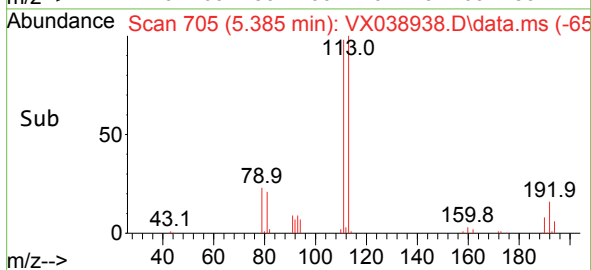
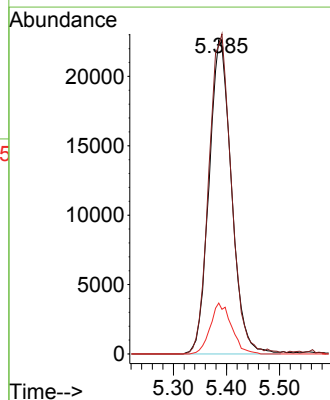
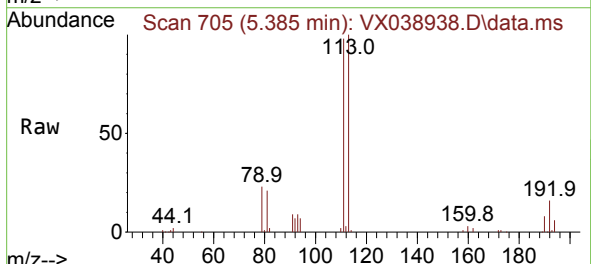
Instrument :
MSVOA_X
ClientSampleId :
FB01-20231113

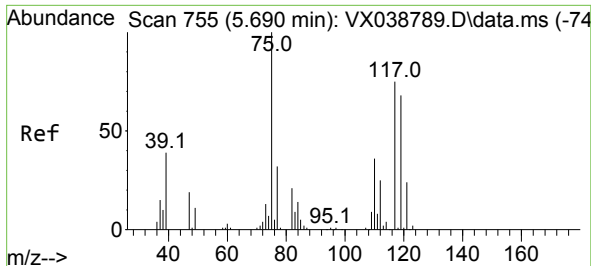
Tgt Ion:114 Resp: 205920
Ion Ratio Lower Upper
114 100
63 21.3 0.0 45.0
88 17.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.725 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038938.D
Acq: 18 Nov 2023 19:00

Tgt Ion:113 Resp: 66515
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 15.4 13.3 19.9

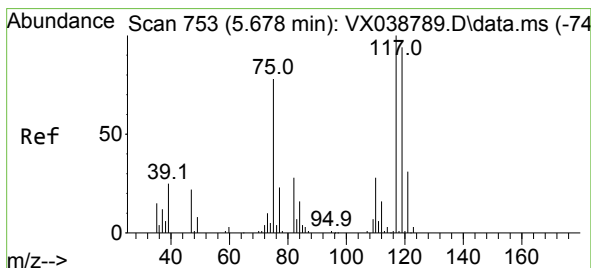
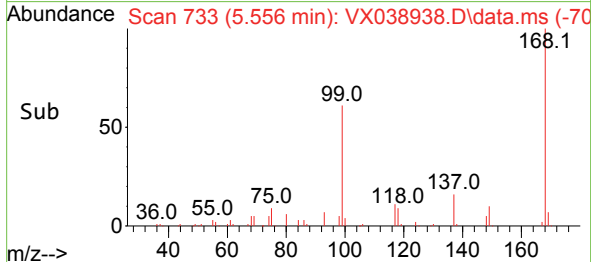
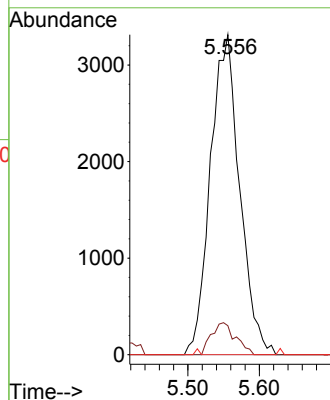
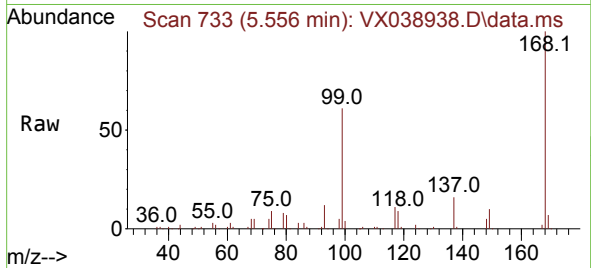




#36
1,1-Dichloropropene
Concen: 4.419 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038938.D
Acq: 18 Nov 2023 19:00

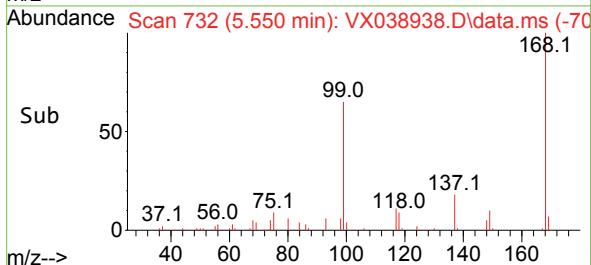
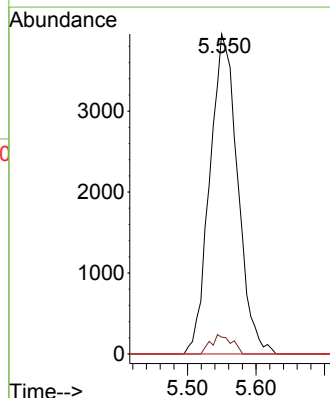
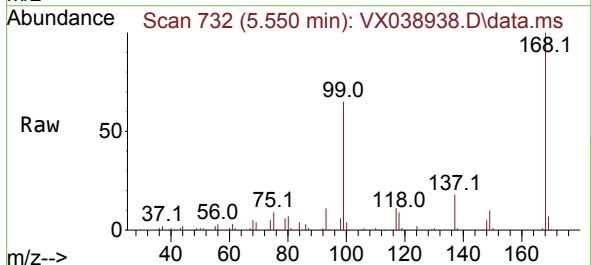
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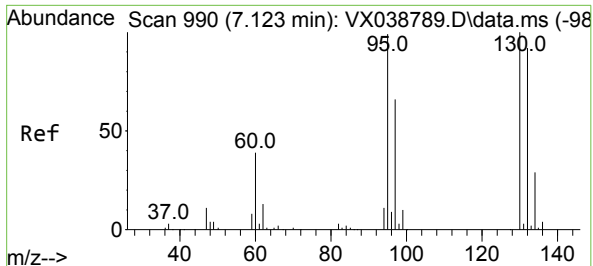
Tgt Ion: 75 Resp: 9420
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.667 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038938.D
Acq: 18 Nov 2023 19:00

Tgt Ion: 117 Resp: 11164
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#

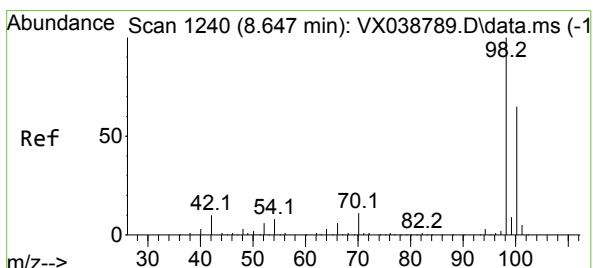
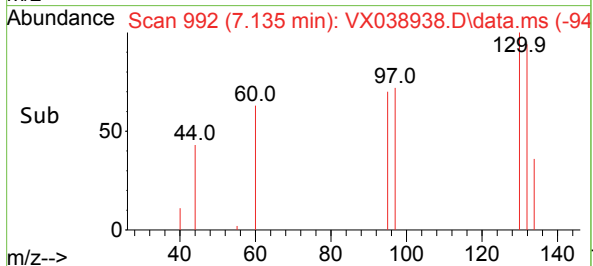
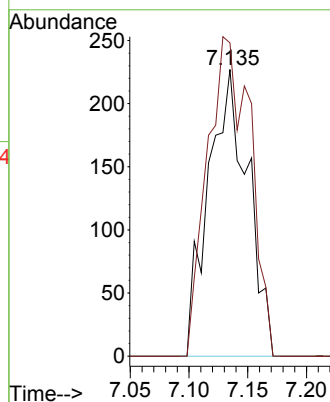
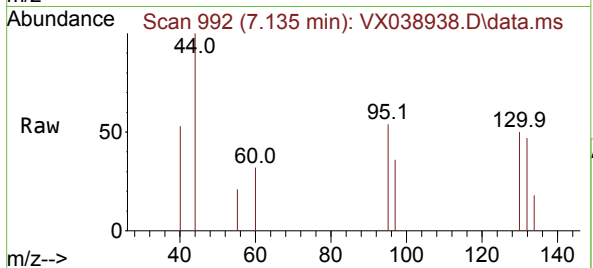




#44
Trichloroethene
Concen: 0.345 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX038938.D
Acq: 18 Nov 2023 19:00

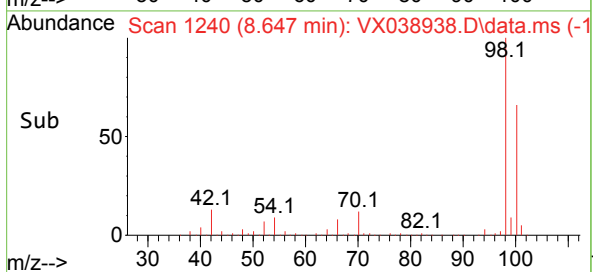
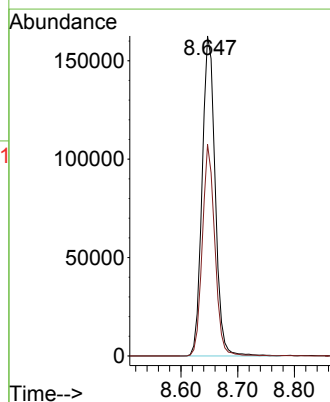
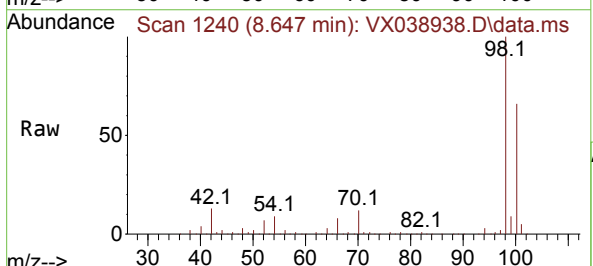
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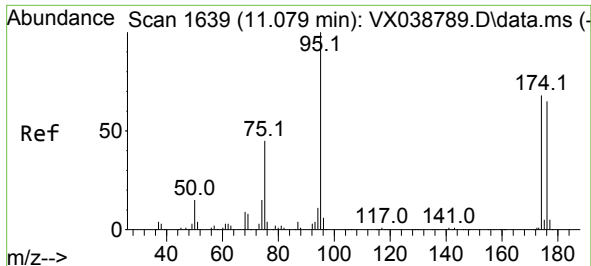
Tgt Ion:130 Resp: 530
Ion Ratio Lower Upper
130 100
95 109.3 0.0 204.4



#50
Toluene-d8
Concen: 45.728 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038938.D
Acq: 18 Nov 2023 19:00

Tgt Ion: 98 Resp: 260199
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

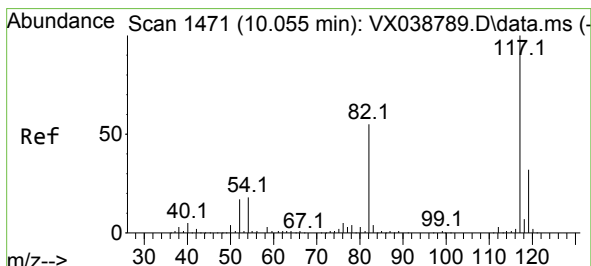
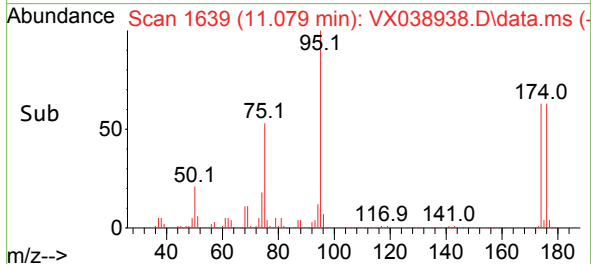
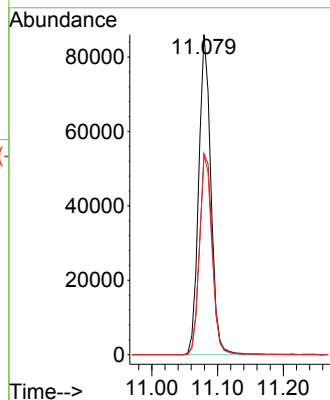
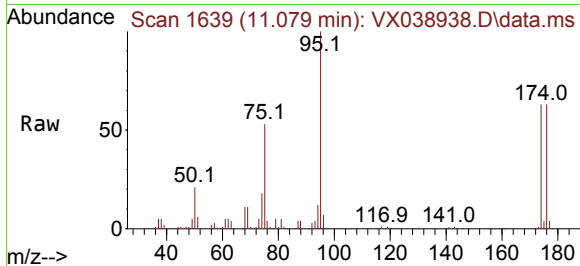




#62
4-Bromofluorobenzene
Concen: 48.303 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038938.D
Acq: 18 Nov 2023 19:00

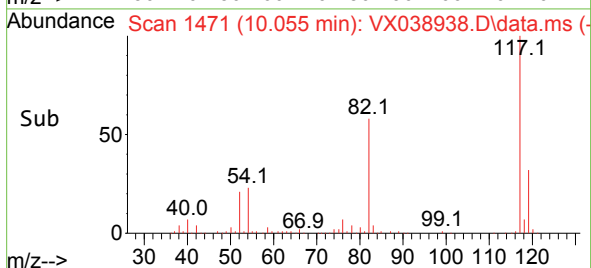
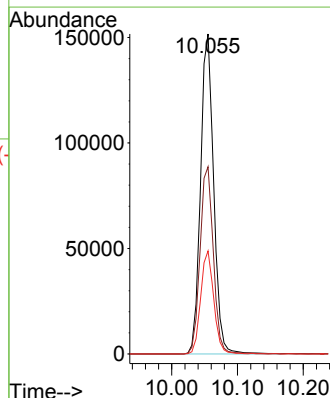
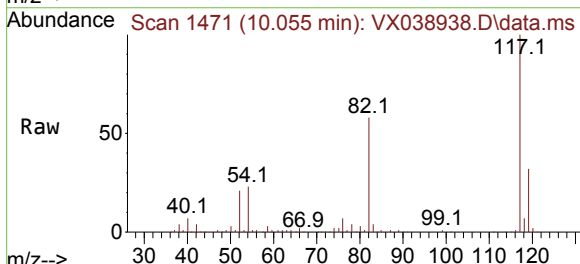
Instrument :
MSVOA_X
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FB01-20231113

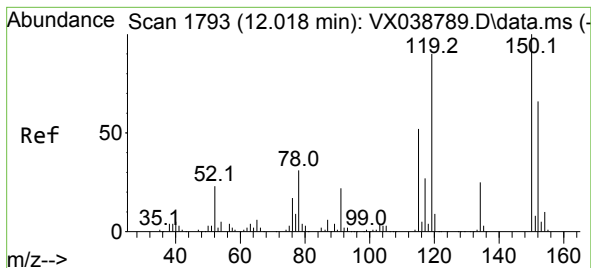
Tgt Ion: 95 Resp: 110024
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.6
176 64.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038938.D
Acq: 18 Nov 2023 19:00

Tgt Ion: 117 Resp: 210234
Ion Ratio Lower Upper
117 100
82 58.5 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038938.D

Acq: 18 Nov 2023 19:00

Instrument :

MSVOA_X

ClientSampleId :

FB01-20231113

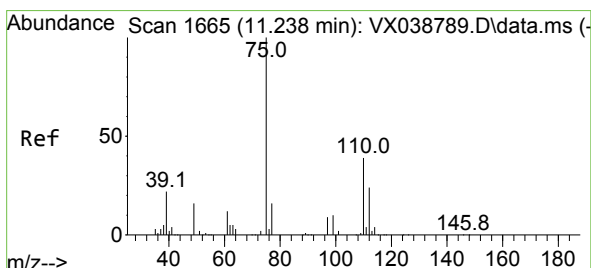
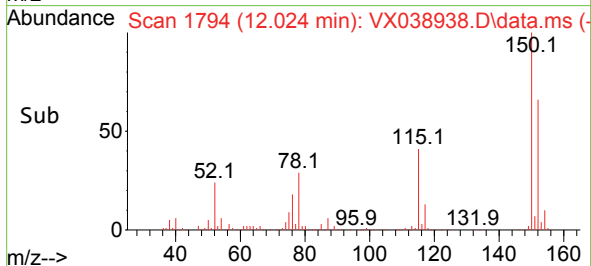
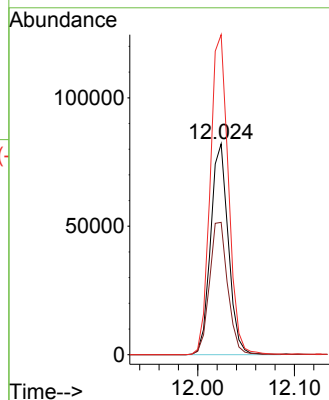
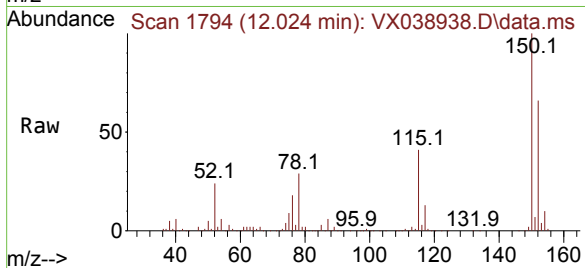
Tgt Ion:152 Resp: 104630

Ion Ratio Lower Upper

152 100

115 64.9 43.3 129.9

150 155.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.301 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038938.D

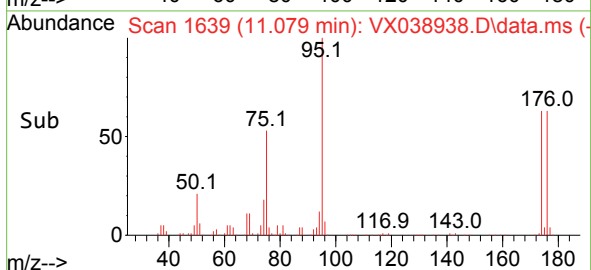
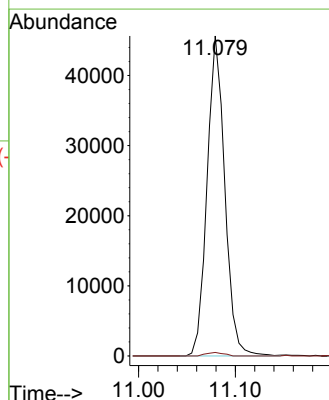
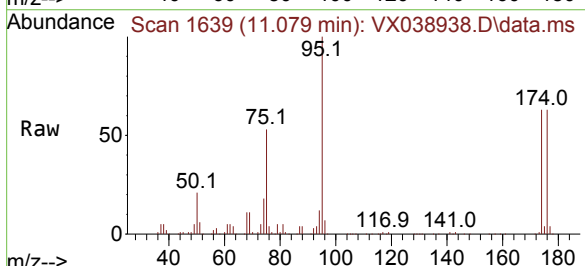
Acq: 18 Nov 2023 19:00

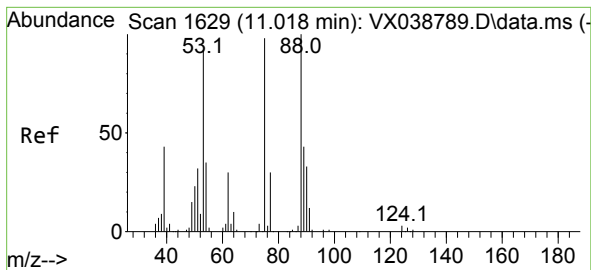
Tgt Ion: 75 Resp: 58218

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.467 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038938.D
 Acq: 18 Nov 2023 19:00

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20231113

Tgt Ion: 75 Resp: 58218
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

