

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038856.D
 Acq On : 16 Nov 2023 22:27
 Operator : JC/MD
 Sample : 05357-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 03:21:26 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	5.550	168	132788	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	272401	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	280020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96859	45.268	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.540%
35) Dibromofluoromethane	5.385	113	86646	44.042	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.080%
50) Toluene-d8	8.647	98	345808	45.941	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.880%#
62) 4-Bromofluorobenzene	11.079	95	149522	49.623	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.240%

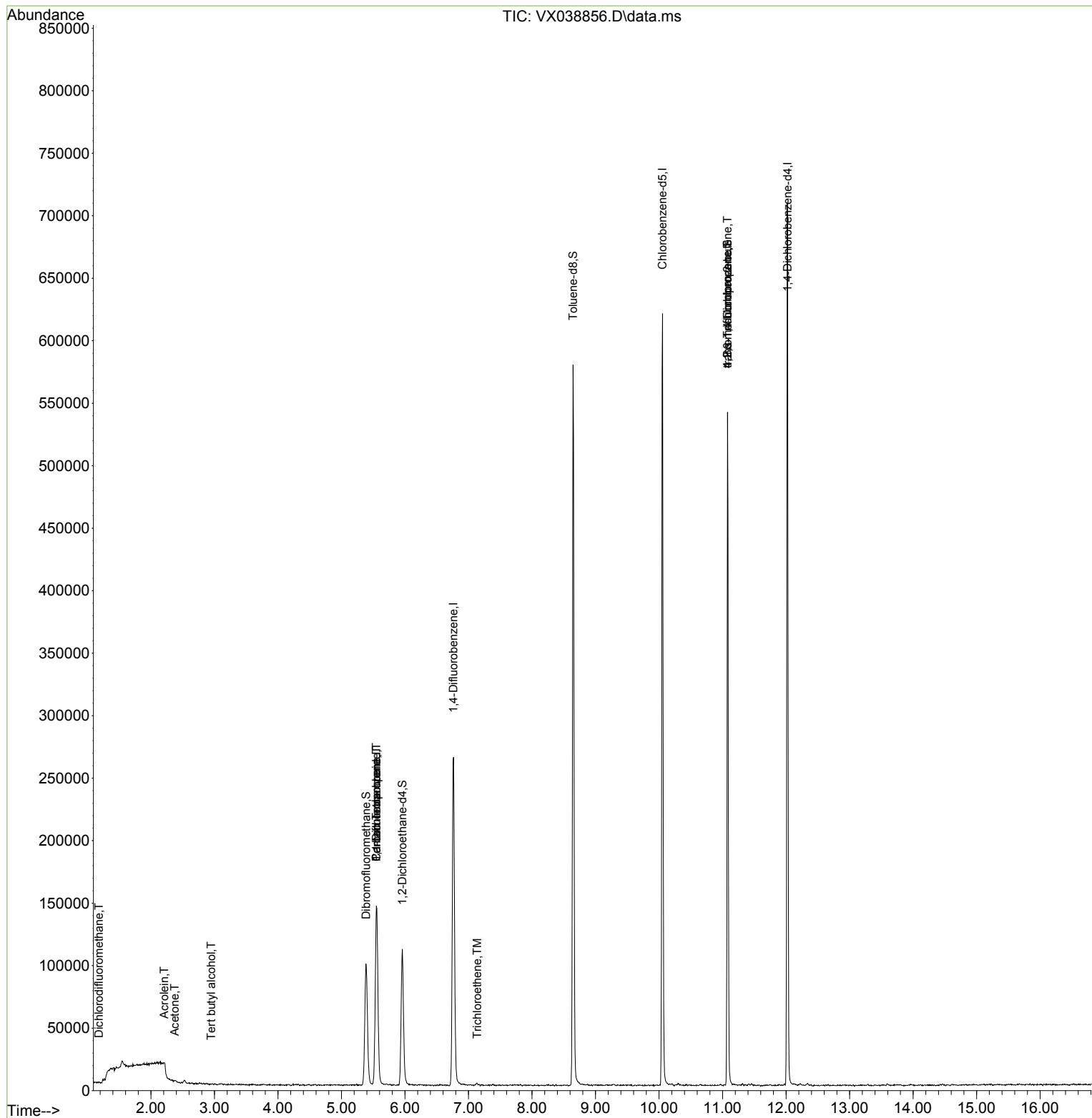
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	334	0.216	ug/l #	41
11) Tert butyl alcohol	2.947	59	169	0.284	ug/l #	1
13) Acrolein	2.209	56	676	2.147	ug/l #	1
16) Acetone	2.373	43	1471	1.291	ug/l #	86
36) 1,1-Dichloropropene	5.550	75	11582	4.108	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14374	5.516	ug/l #	17
44) Trichloroethene	7.135	130	521	0.257	ug/l	87
76) 1,2,3-Trichloropropane	11.079	75	75925	21.310	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	75925	47.267	ug/l #	5

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

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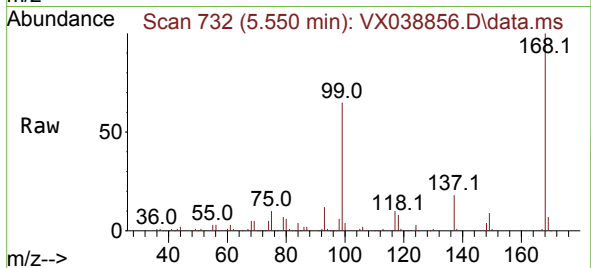
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



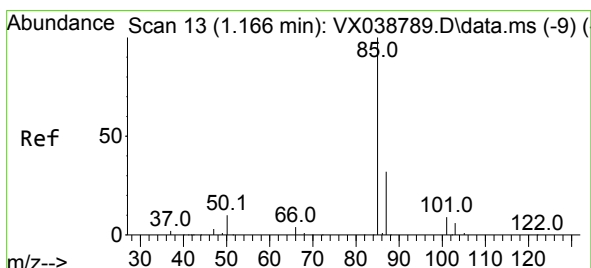
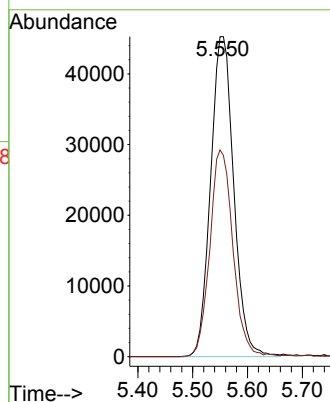
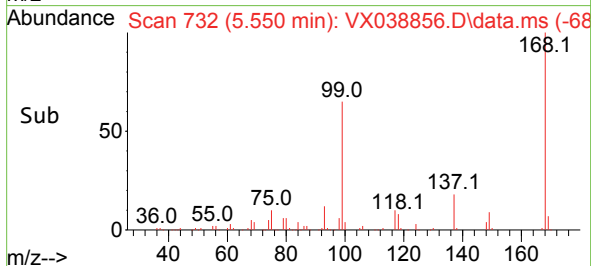


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038856.D
Acq: 16 Nov 2023 22:27

Instrument :
MSVOA_X
ClientSampleId :

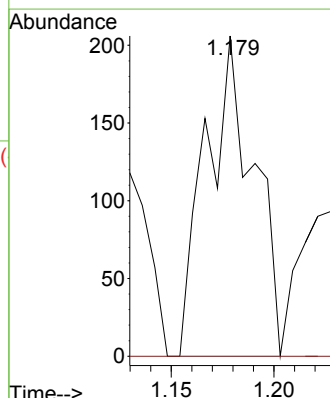
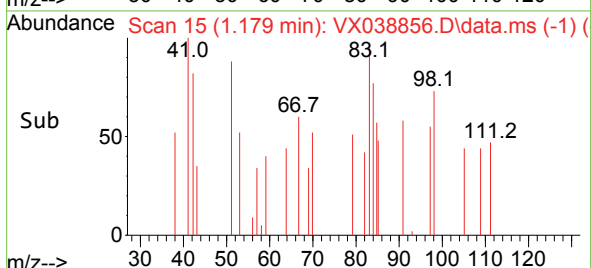
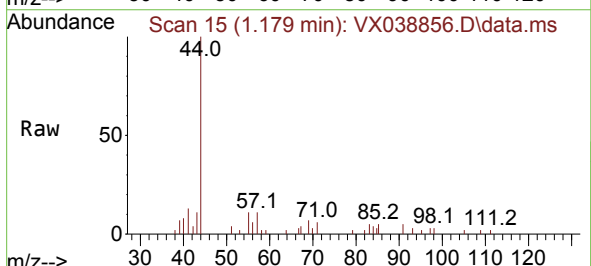


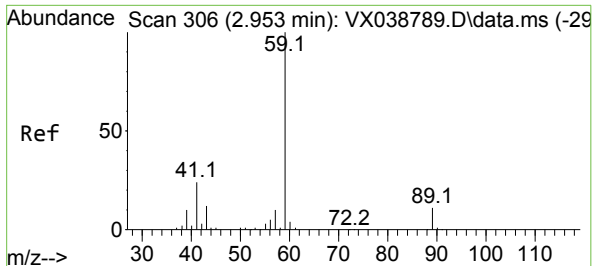
Tgt Ion:168 Resp: 132788
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.216 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.013 min
Lab File: VX038856.D
Acq: 16 Nov 2023 22:27

Tgt Ion: 85 Resp: 334
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#





#11

Tert butyl alcohol

Concen: 0.284 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX038856.D

Acq: 16 Nov 2023 22:27

Instrument :

MSVOA_X

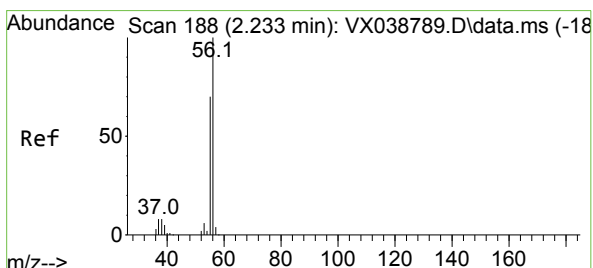
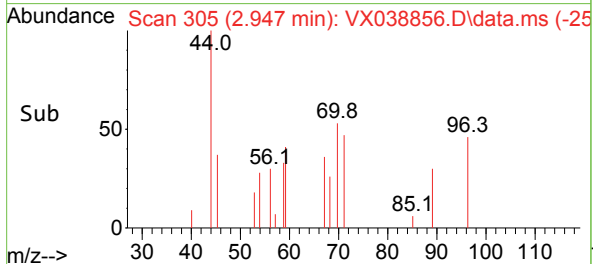
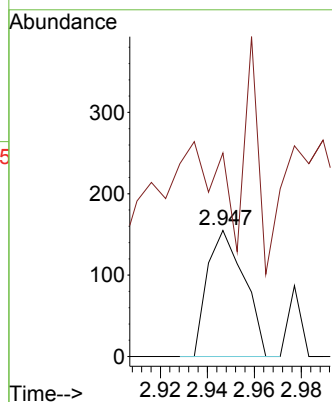
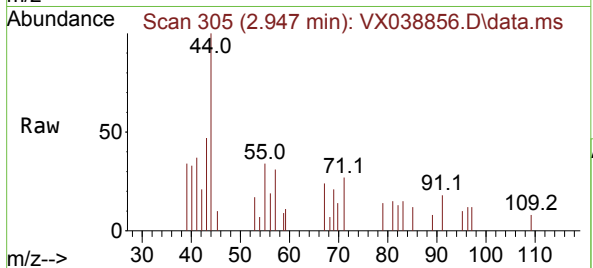
ClientSampleId :

Tgt Ion: 59 Resp: 169

Ion Ratio Lower Upper

59 100

57 68.6 6.0 9.0#



#13

Acrolein

Concen: 2.147 ug/l

RT: 2.209 min Scan# 184

Delta R.T. -0.024 min

Lab File: VX038856.D

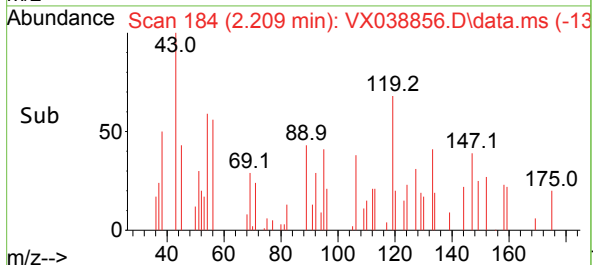
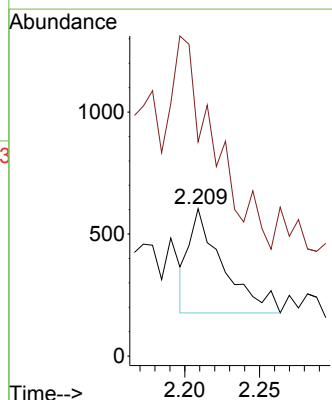
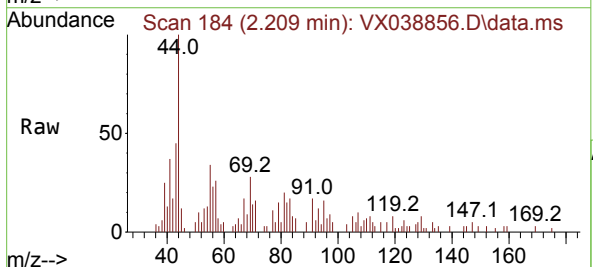
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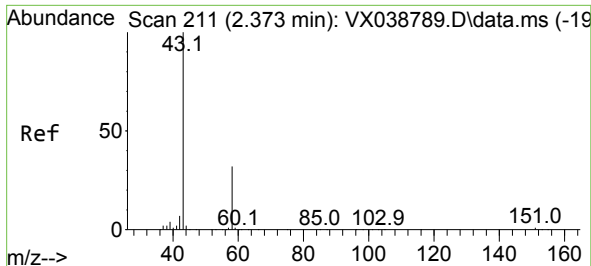
Tgt Ion: 56 Resp: 676

Ion Ratio Lower Upper

56 100

55 255.5 57.1 85.7#

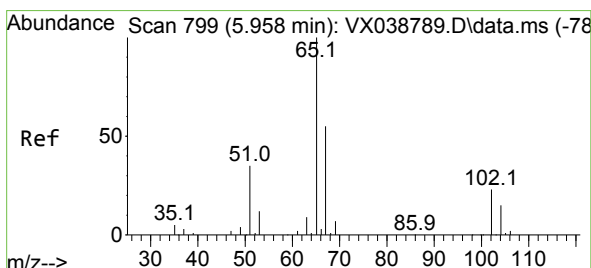
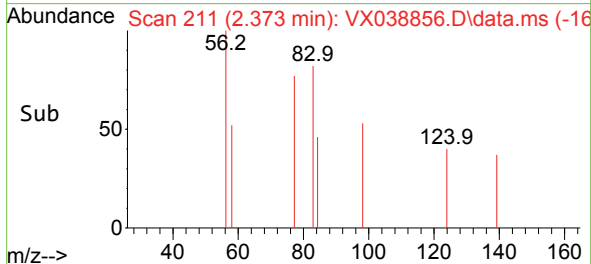
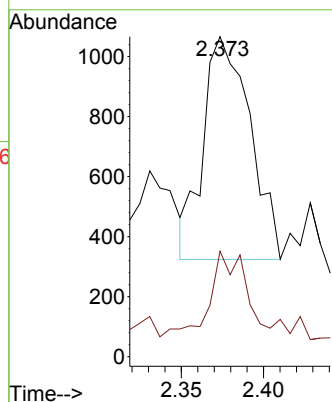
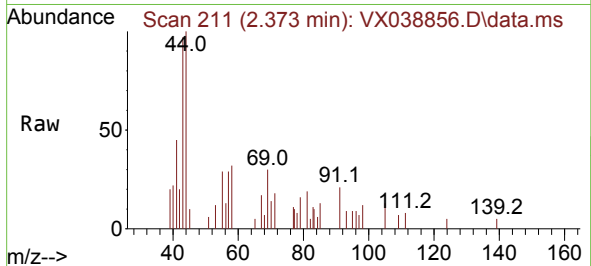




#16
Acetone
Concen: 1.291 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038856.D
Acq: 16 Nov 2023 22:27

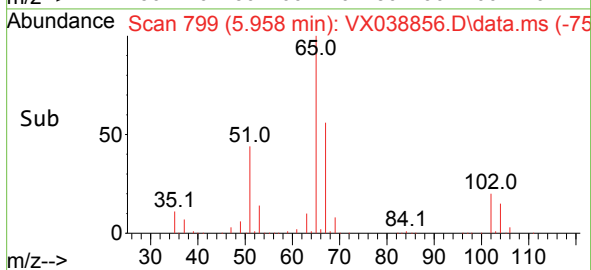
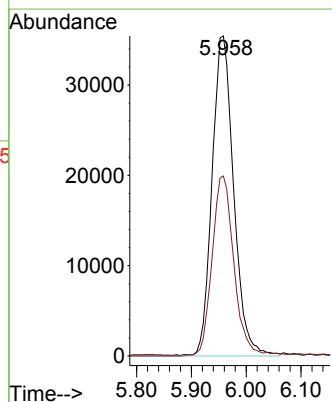
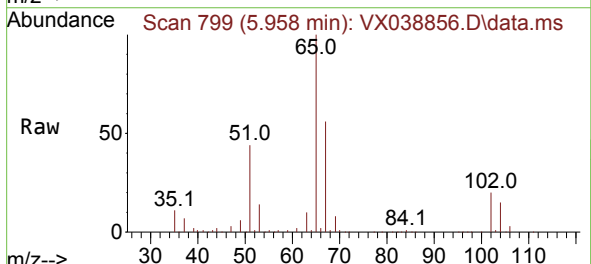
Instrument :
MSVOA_X
ClientSampleId :

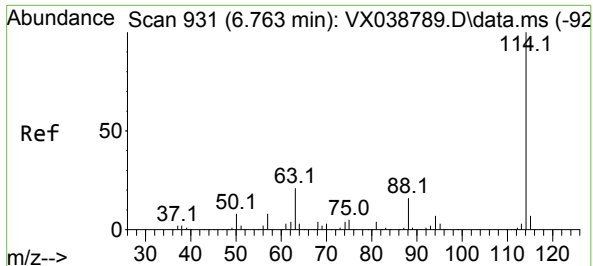
Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
58 34.9 21.9 32.9#



#33
1,2-Dichloroethane-d4
Concen: 45.268 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038856.D
Acq: 16 Nov 2023 22:27

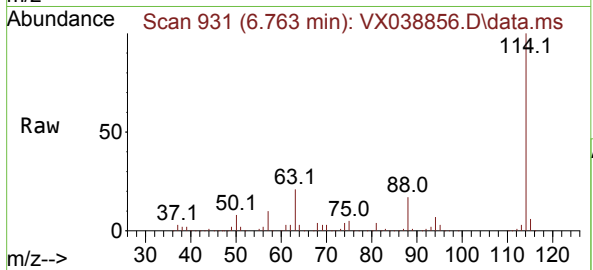
Tgt Ion: 65 Resp: 96859
Ion Ratio Lower Upper
65 100
67 56.5 0.0 100.2



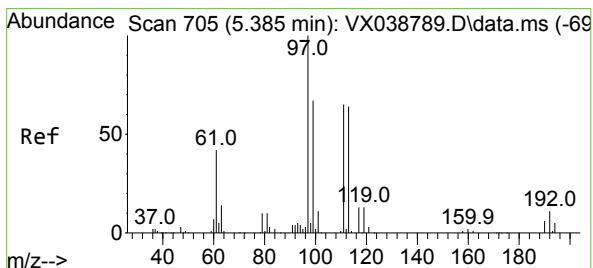
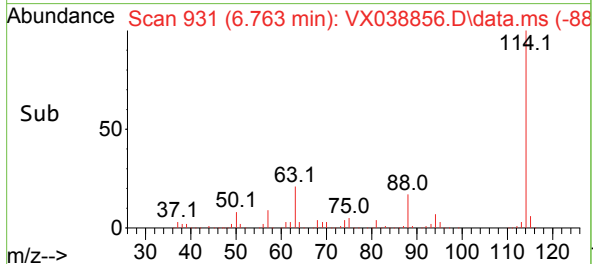
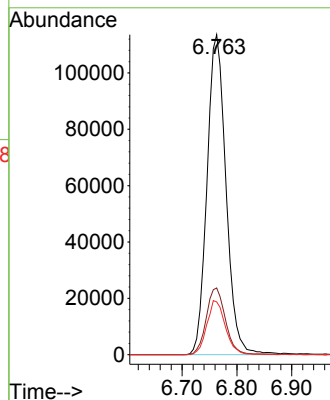


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038856.D
Acq: 16 Nov 2023 22:27

Instrument :
MSVOA_X
ClientSampleId :

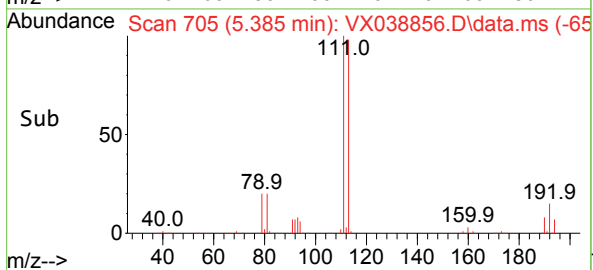
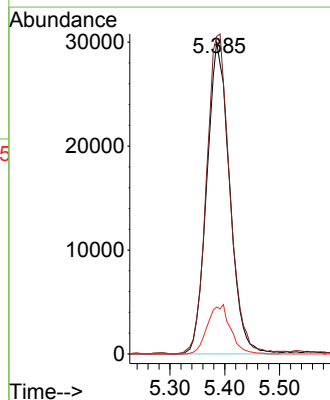
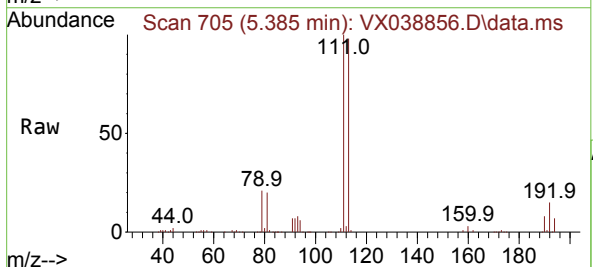


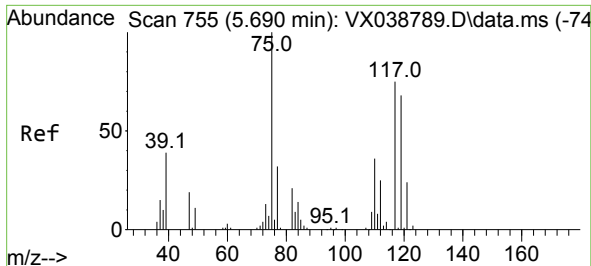
Tgt Ion:114 Resp: 272401
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.042 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038856.D
Acq: 16 Nov 2023 22:27

Tgt Ion:113 Resp: 86646
Ion Ratio Lower Upper
113 100
111 104.7 82.9 124.3
192 15.9 13.3 19.9

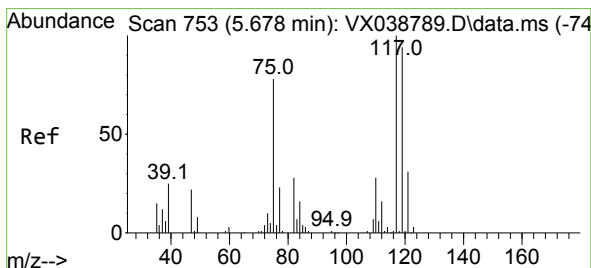
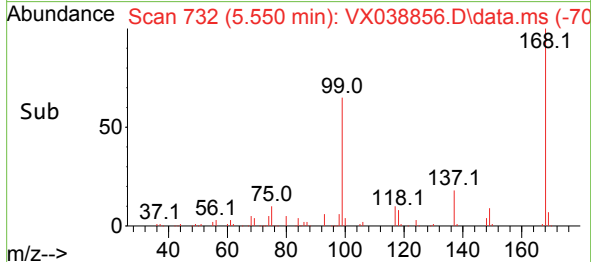
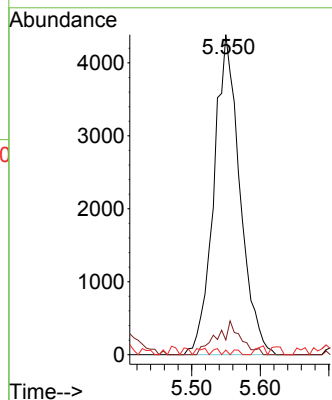
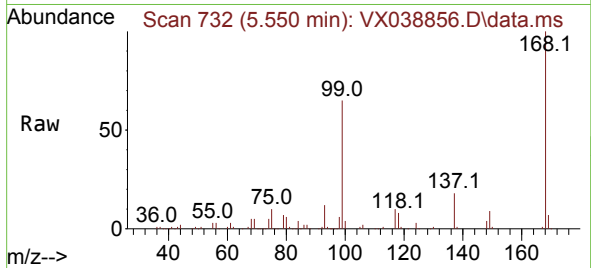




#36
1,1-Dichloropropene
Concen: 4.108 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX038856.D
Acq: 16 Nov 2023 22:27

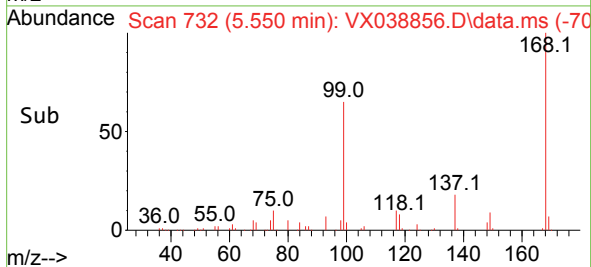
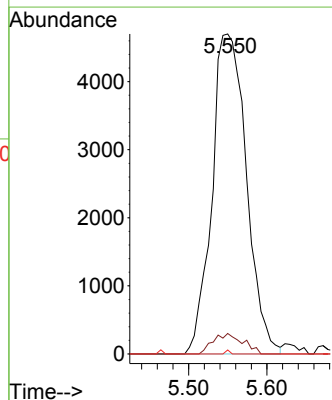
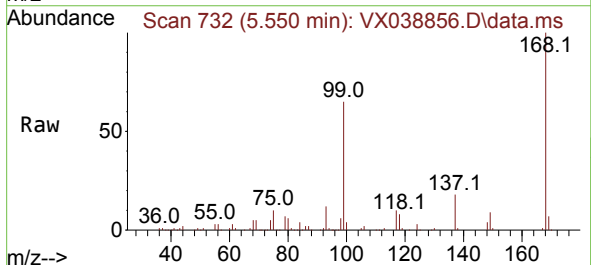
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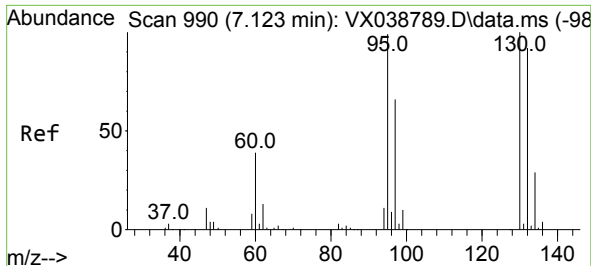
Tgt Ion: 75 Resp: 11582
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.4 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.516 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038856.D
Acq: 16 Nov 2023 22:27

Tgt Ion: 117 Resp: 14374
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 1.3 24.4 36.6#

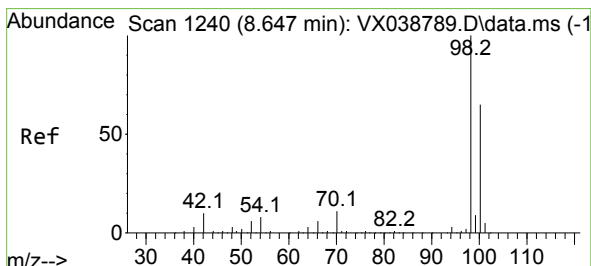
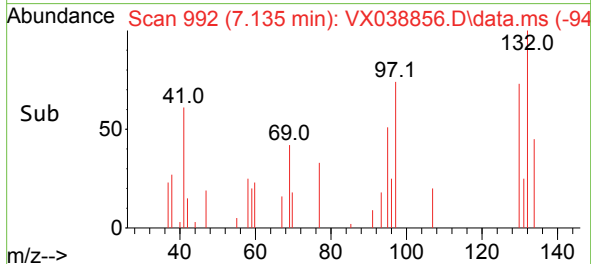
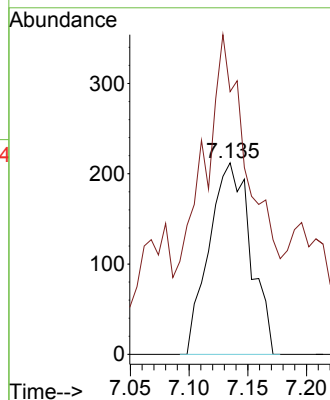
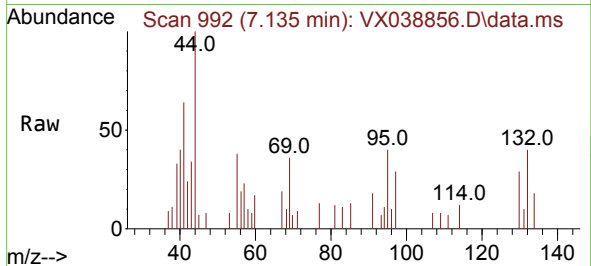




#44
Trichloroethene
Concen: 0.257 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.012 min
Lab File: VX038856.D
Acq: 16 Nov 2023 22:27

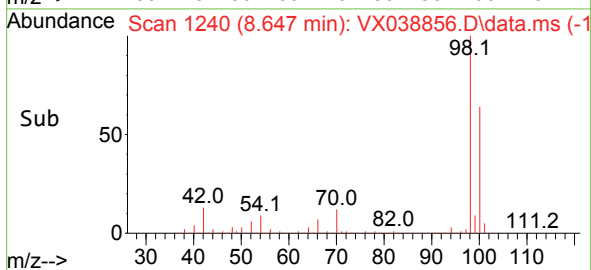
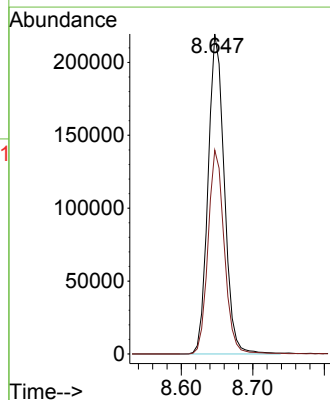
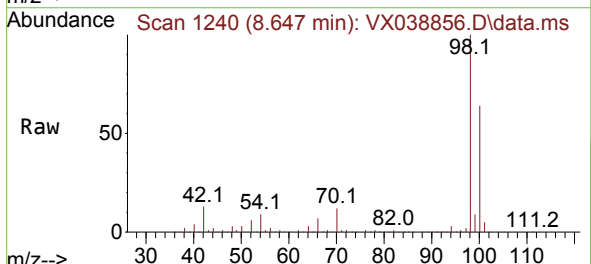
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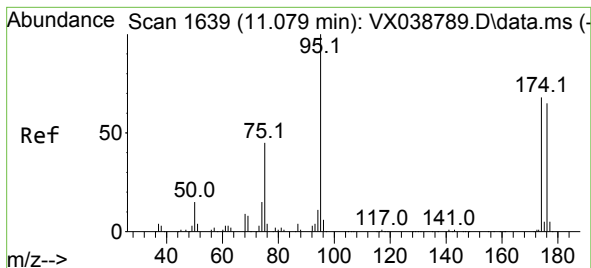
Tgt Ion:130 Resp: 521
Ion Ratio Lower Upper
130 100
95 88.7 0.0 204.4



#50
Toluene-d8
Concen: 45.941 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038856.D
Acq: 16 Nov 2023 22:27

Tgt Ion: 98 Resp: 345808
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

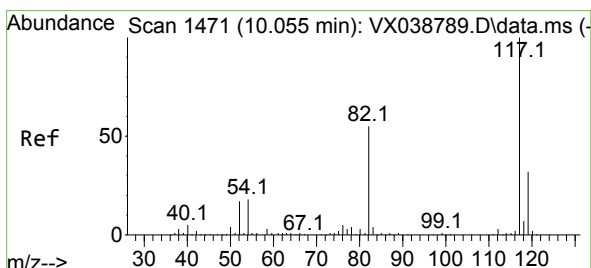
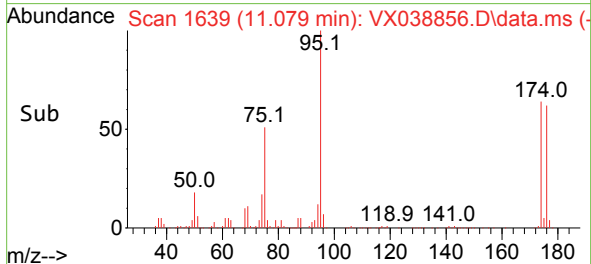
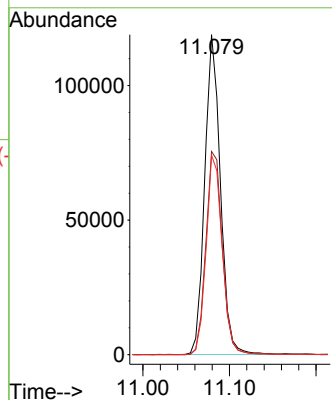
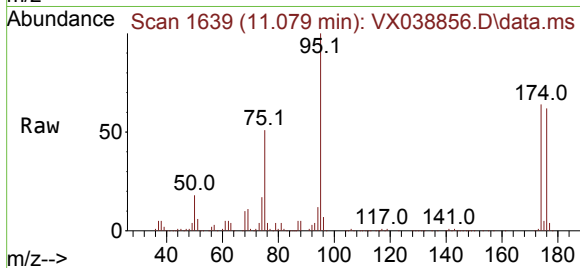




#62
4-Bromofluorobenzene
Concen: 49.623 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038856.D
Acq: 16 Nov 2023 22:27

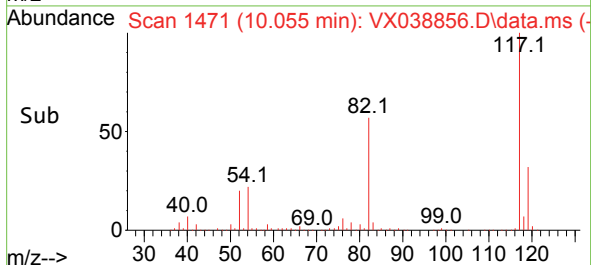
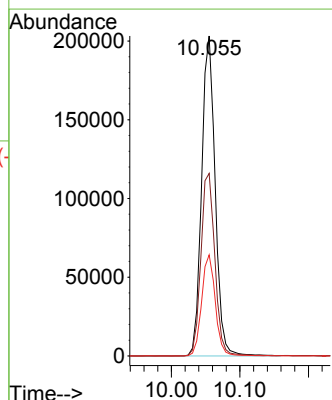
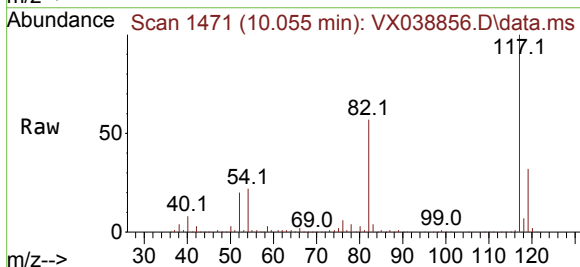
Instrument :
MSVOA_X
ClientSampleId :

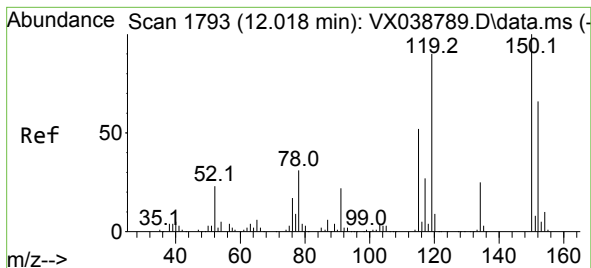
Tgt Ion: 95 Resp: 149522
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.6
176 64.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038856.D
Acq: 16 Nov 2023 22:27

Tgt Ion: 117 Resp: 280020
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 31.6 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: VX038856.D

Acq: 16 Nov 2023 22:27

Instrument :

MSVOA_X

ClientSampleId :

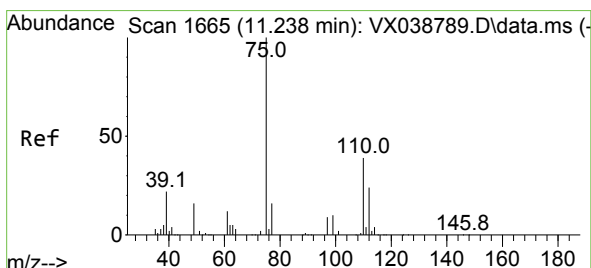
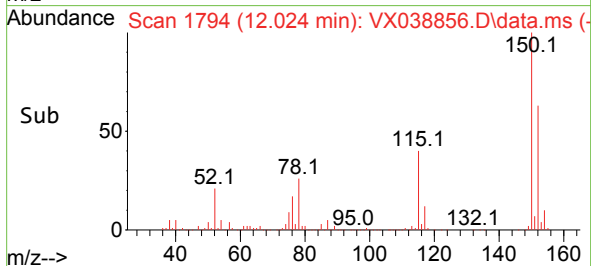
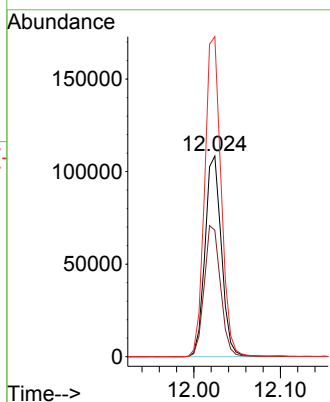
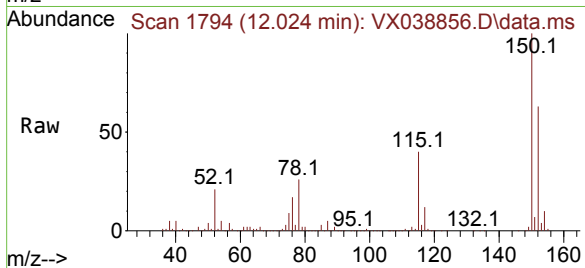
Tgt Ion:152 Resp: 142803

Ion Ratio Lower Upper

152 100

115 65.0 43.3 129.9

150 159.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.310 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038856.D

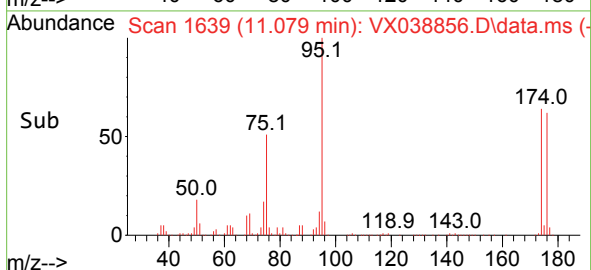
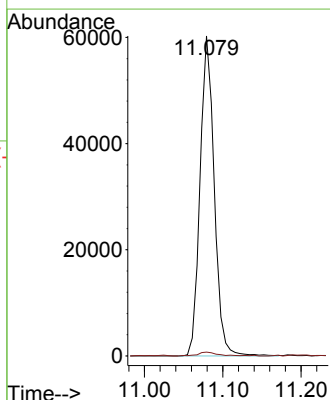
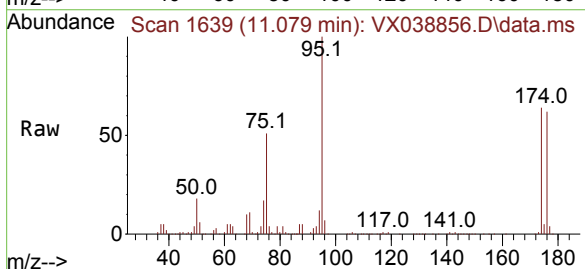
Acq: 16 Nov 2023 22:27

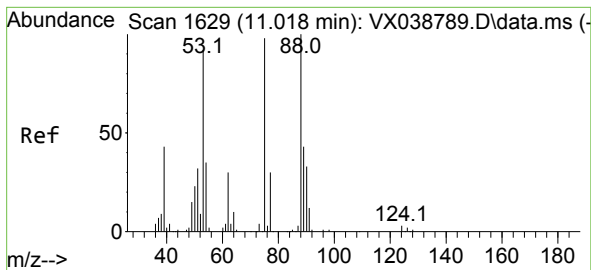
Tgt Ion: 75 Resp: 75925

Ion Ratio Lower Upper

75 100

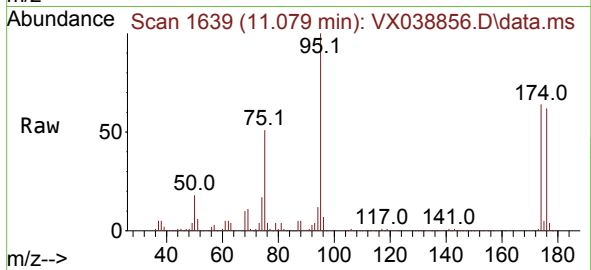
77 1.6 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.267 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038856.D
 Acq: 16 Nov 2023 22:27

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 75925
 Ion Ratio Lower Upper
 75 100
 53 0.7 90.5 135.7#
 89 0.0 36.9 55.3#

