

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038861.D
 Acq On : 17 Nov 2023 00:23
 Operator : JC/MD
 Sample : 05403-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 03:23:21 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)

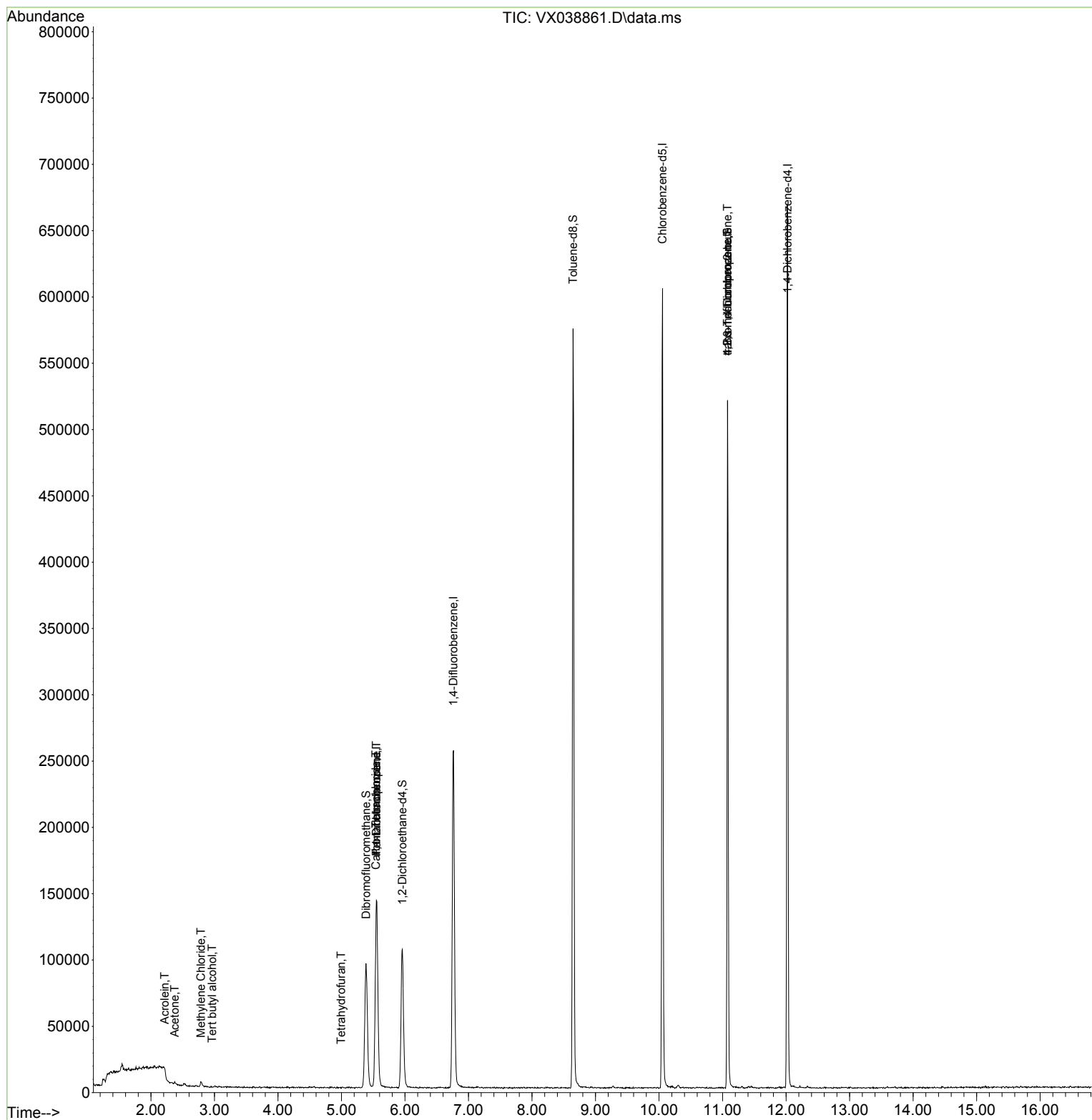
Internal Standards						
1) Pentafluorobenzene	5.550	168	129215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	265443	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	270569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	98617	47.364	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.720%
35) Dibromofluoromethane	5.385	113	84623	44.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.280%
50) Toluene-d8	8.647	98	336677	45.901	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.800%#
62) 4-Bromofluorobenzene	11.079	95	143875	49.000	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.000%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	160	0.276	ug/l #	30
13) Acrolein	2.215	56	828	2.703	ug/l #	14
16) Acetone	2.374	43	1661	1.499	ug/l #	88
20) Methylene Chloride	2.788	84	1947	0.974	ug/l #	82
29) Tetrahydrofuran	4.995	42	229	0.201	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	11658	4.243	ug/l #	51
38) Carbon Tetrachloride	5.544	117	13783	5.428	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	73203	21.625	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	73203	47.967	ug/l #	5

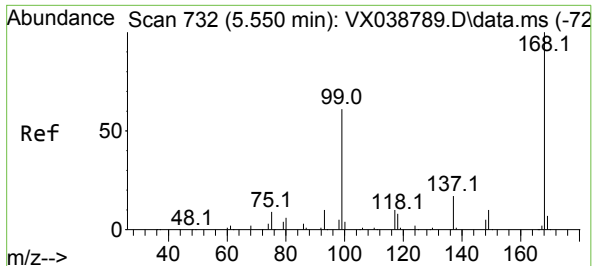
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

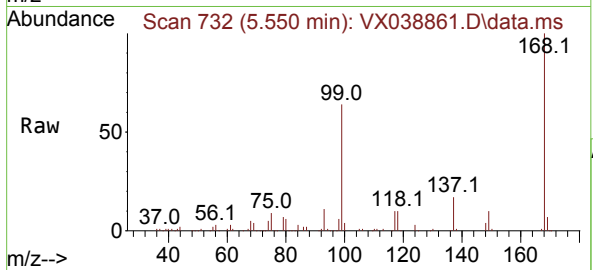
Quant Time: Nov 17 03:23:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



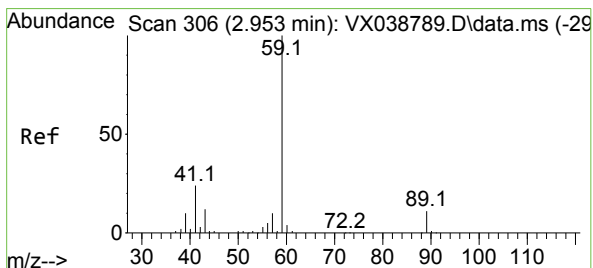
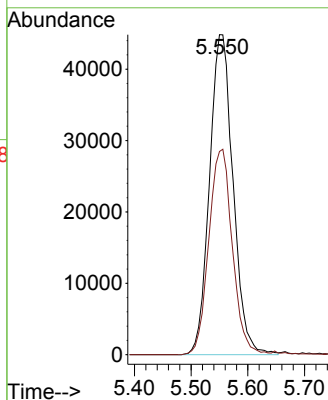
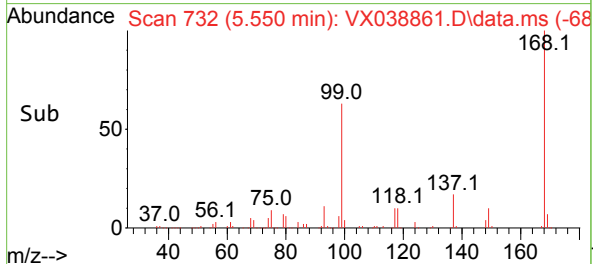


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

Instrument :
MSVOA_X
ClientSampleId :

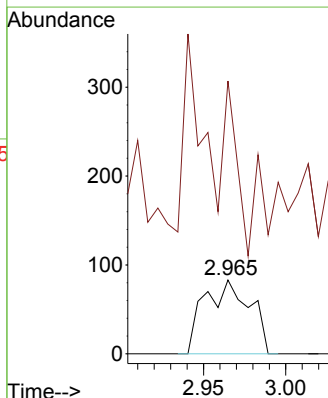
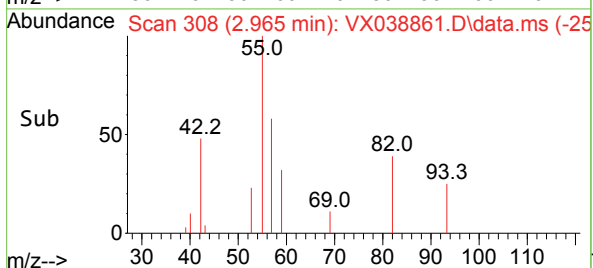
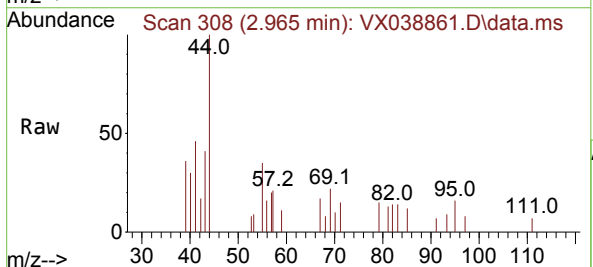


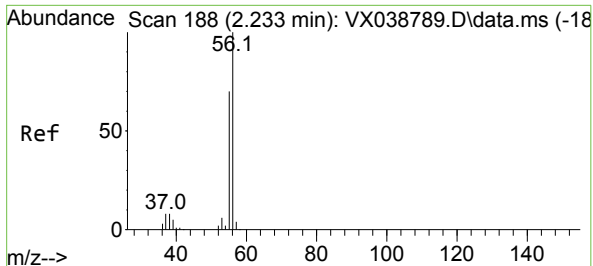
Tgt Ion:168 Resp: 129215
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.276 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.012 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

Tgt Ion: 59 Resp: 160
Ion Ratio Lower Upper
59 100
57 31.9 6.0 9.0#

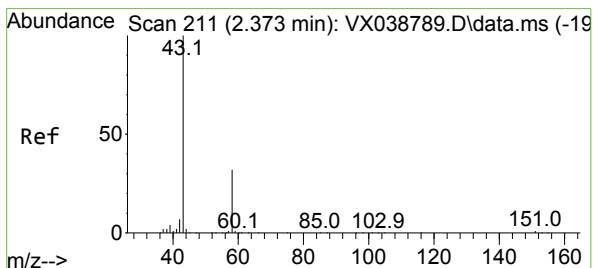
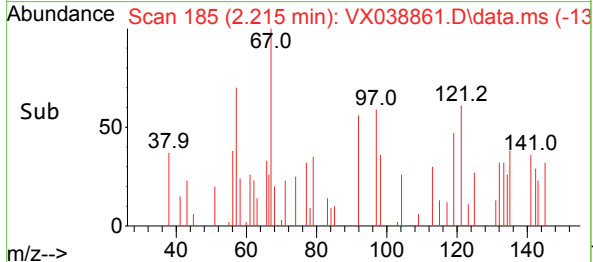
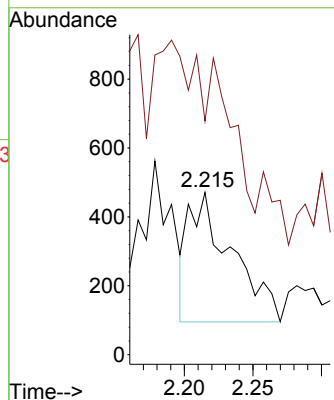
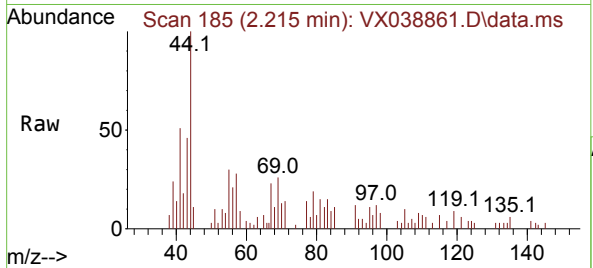




#13
Acrolein
Concen: 2.703 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.018 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

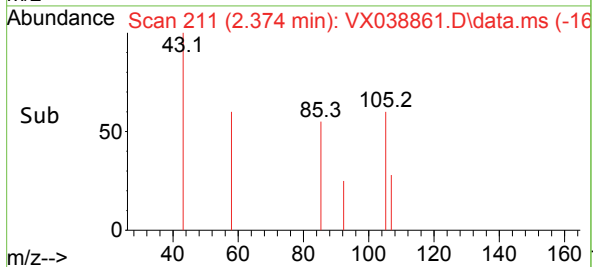
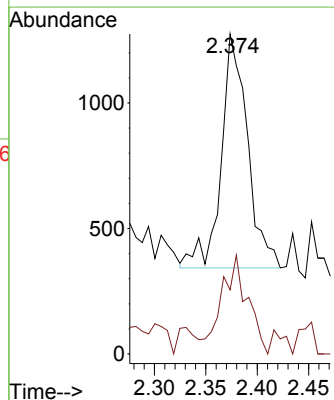
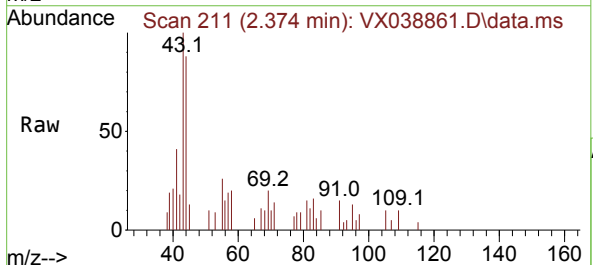
Instrument :
MSVOA_X
ClientSampleId :

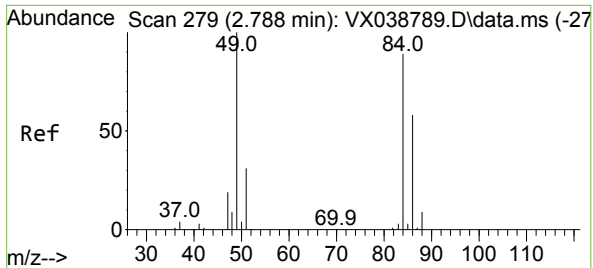
Tgt Ion: 56 Resp: 828
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.499 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

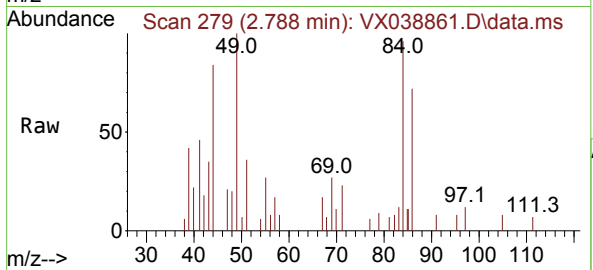
Tgt Ion: 43 Resp: 1661
Ion Ratio Lower Upper
43 100
58 21.0 21.9 32.9#



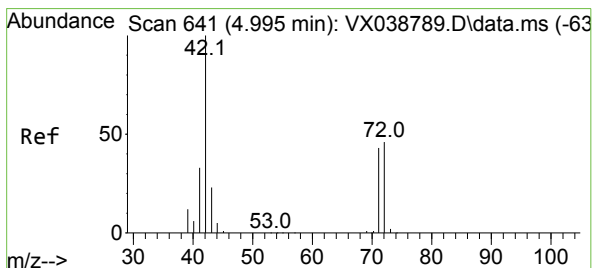
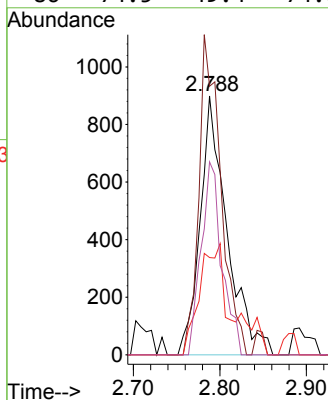
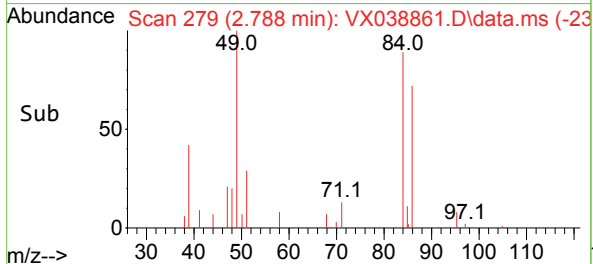


#20
Methylene Chloride
Concen: 0.974 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

Instrument :
MSVOA_X
ClientSampleId :

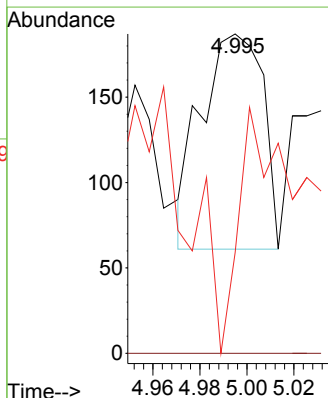
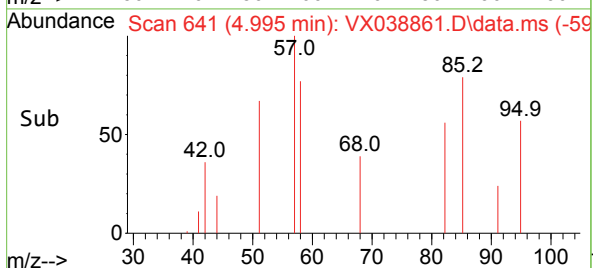
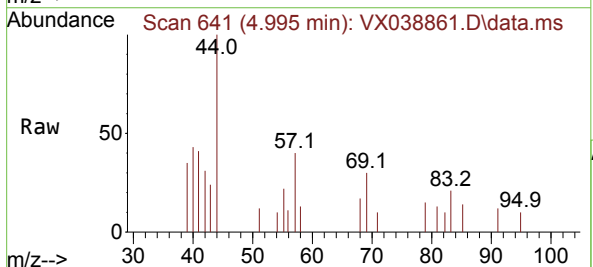


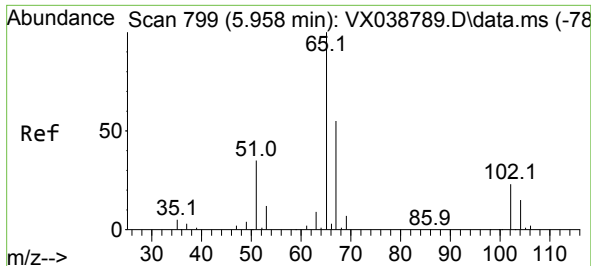
Tgt Ion: 84 Resp: 1947
Ion Ratio Lower Upper
84 100
49 103.8 103.6 155.4
51 37.6 33.8 50.6
86 74.5 49.4 74.0#



#29
Tetrahydrofuran
Concen: 0.201 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

Tgt Ion: 42 Resp: 229
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 83.0 32.2 48.2#





#33

1,2-Dichloroethane-d4

Concen: 47.364 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038861.D

Acq: 17 Nov 2023 00:23

Instrument :

MSVOA_X

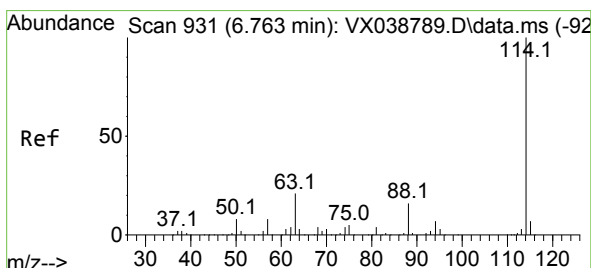
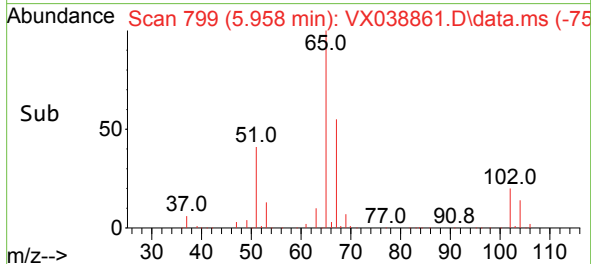
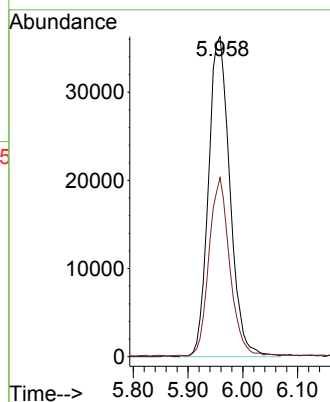
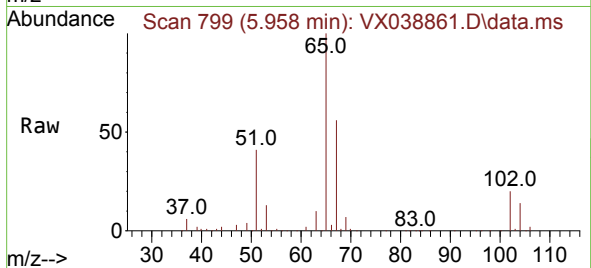
ClientSampleId :

Tgt Ion: 65 Resp: 98617

Ion Ratio Lower Upper

65 100

67 54.1 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: VX038861.D

Acq: 17 Nov 2023 00:23

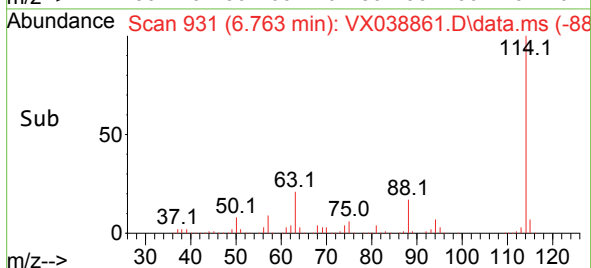
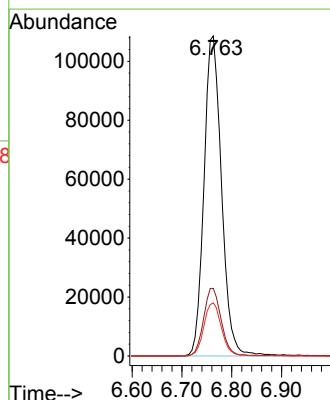
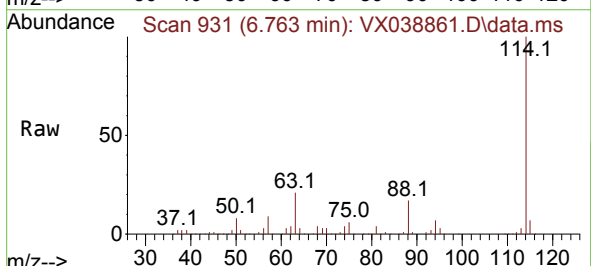
Tgt Ion: 114 Resp: 265443

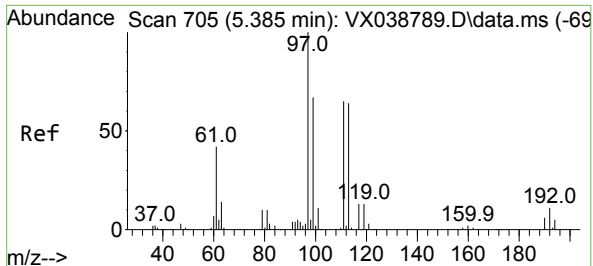
Ion Ratio Lower Upper

114 100

63 21.1 0.0 45.0

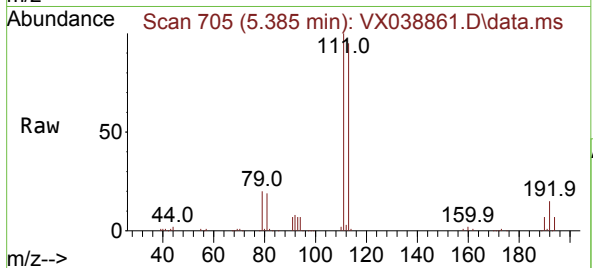
88 16.6 0.0 36.6



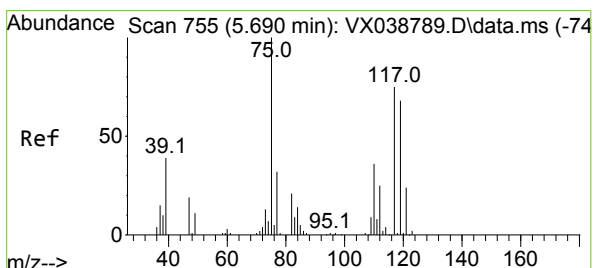
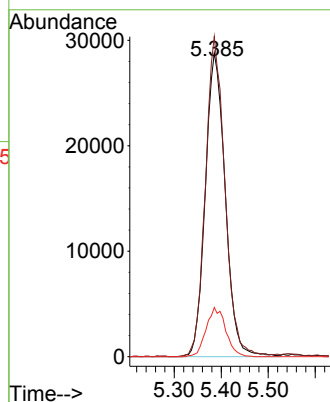
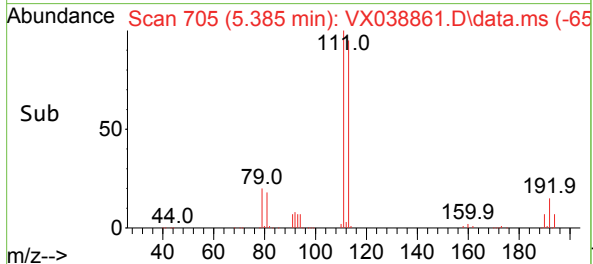


#35
Dibromofluoromethane
Concen: 44.141 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

Instrument :
MSVOA_X
ClientSampleId :

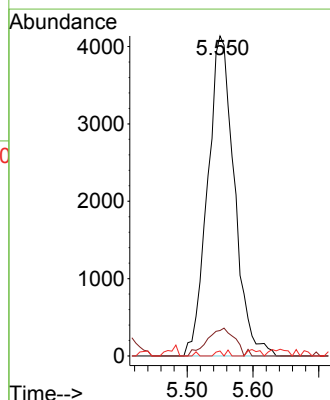
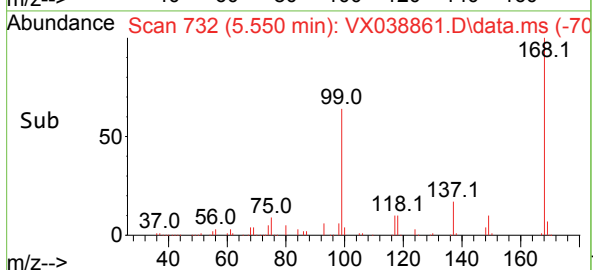
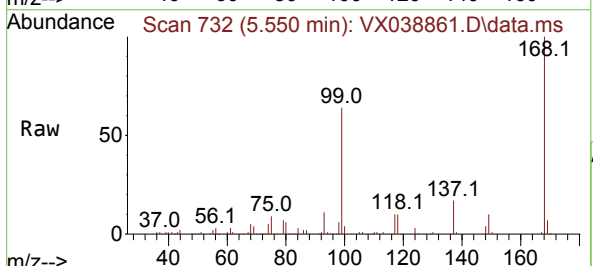


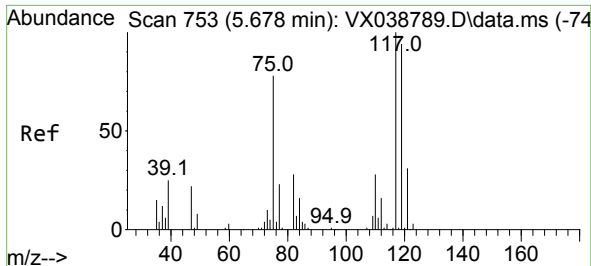
Tgt Ion:113 Resp: 84623
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 16.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.243 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

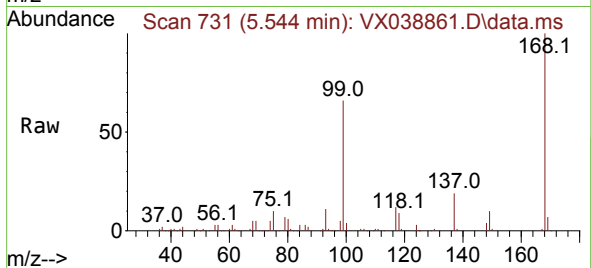
Tgt Ion: 75 Resp: 11658
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.4 24.7 37.1#



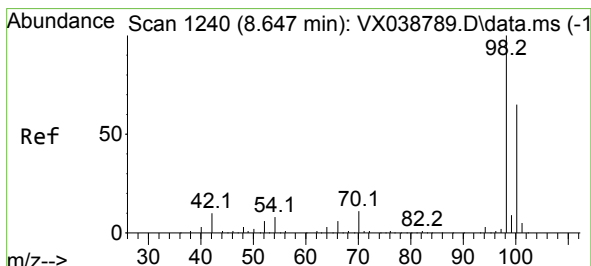
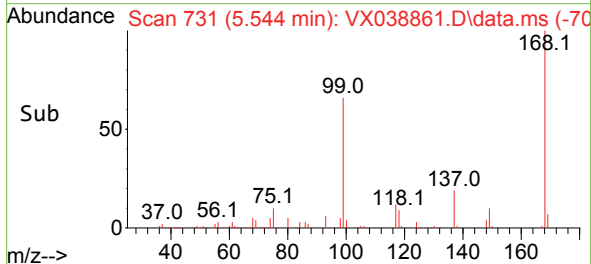
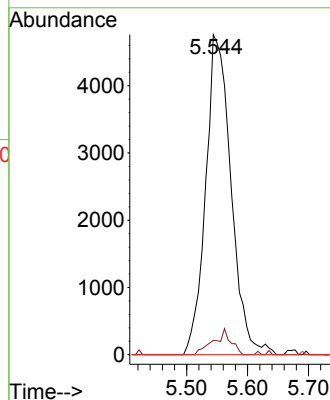


#38
Carbon Tetrachloride
Concen: 5.428 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

Instrument :
MSVOA_X
ClientSampleId :

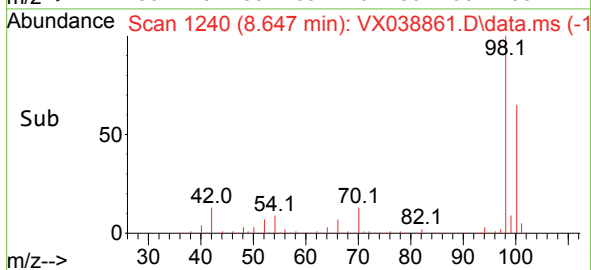
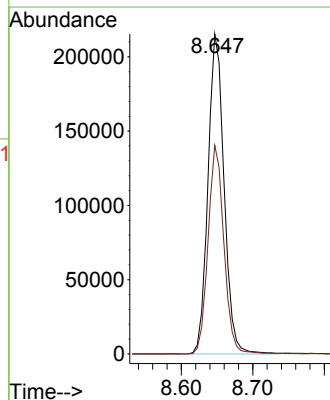
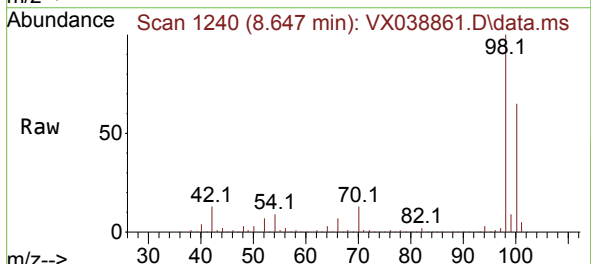


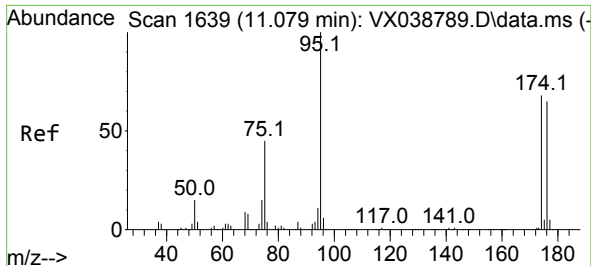
Tgt Ion:117 Resp: 13783
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.901 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

Tgt Ion: 98 Resp: 336677
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

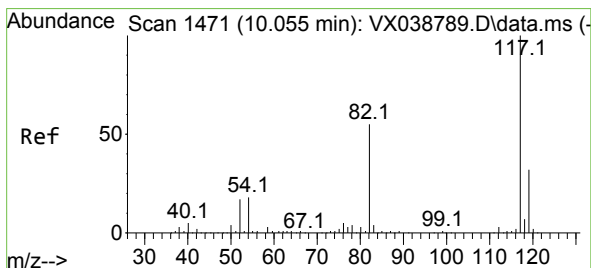
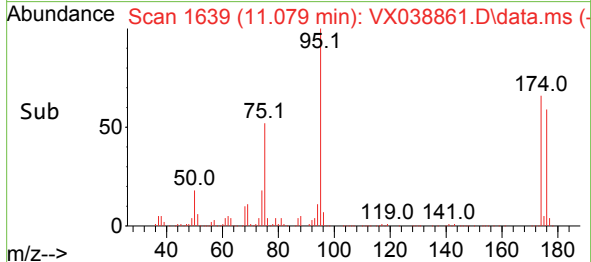
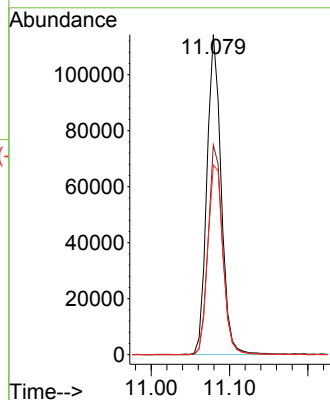
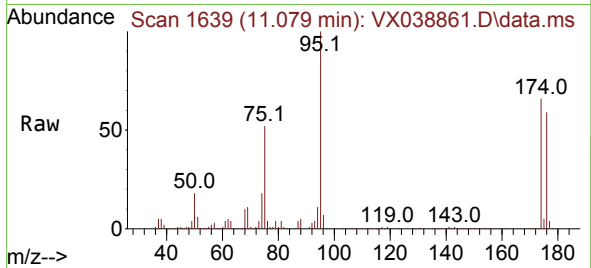




#62
4-Bromofluorobenzene
Concen: 49.000 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

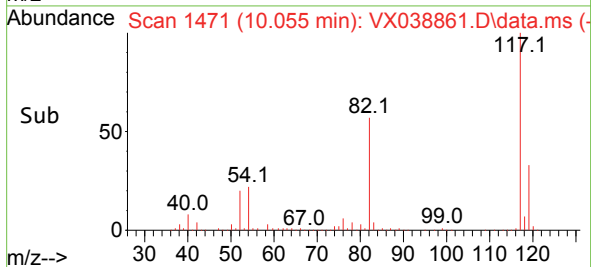
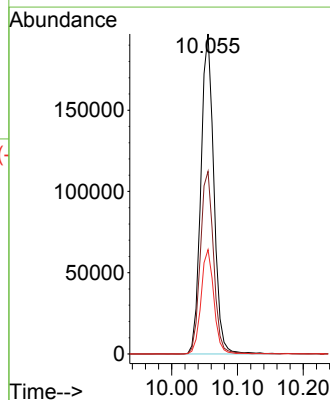
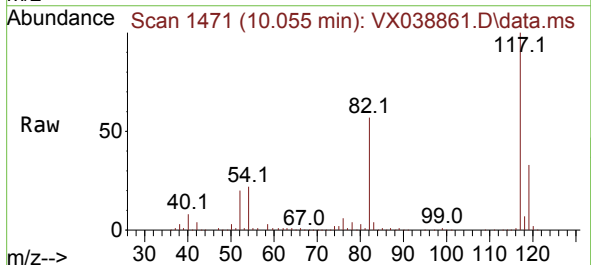
Instrument :
MSVOA_X
ClientSampleId :

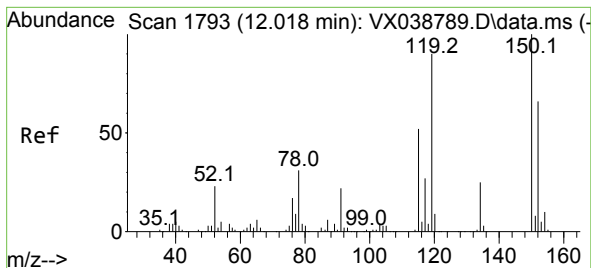
Tgt Ion: 95 Resp: 143875
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.6
176 63.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038861.D
Acq: 17 Nov 2023 00:23

Tgt Ion: 117 Resp: 270569
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.6 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: VX038861.D

Acq: 17 Nov 2023 00:23

Instrument :

MSVOA_X

ClientSampleId :

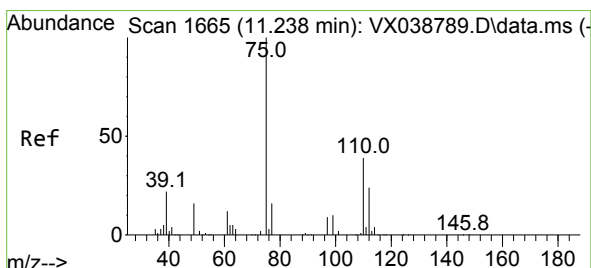
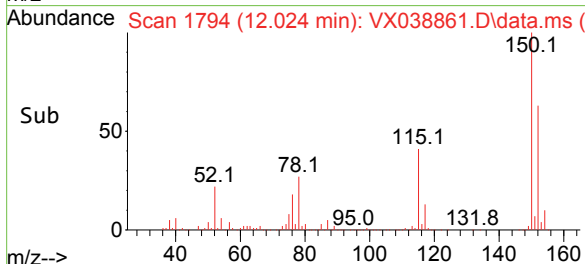
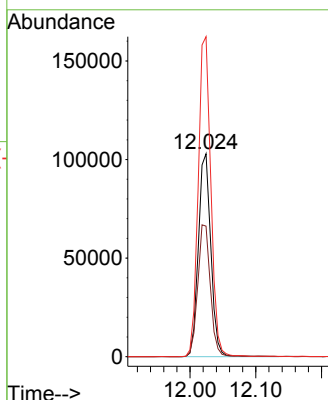
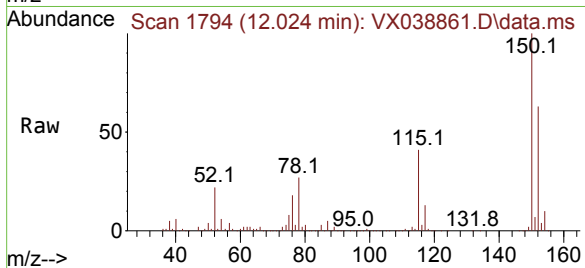
Tgt Ion:152 Resp: 135674

Ion Ratio Lower Upper

152 100

115 65.6 43.3 129.9

150 159.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 21.625 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038861.D

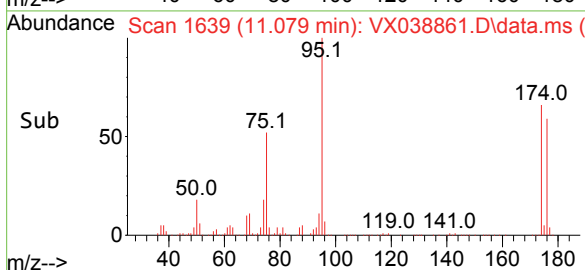
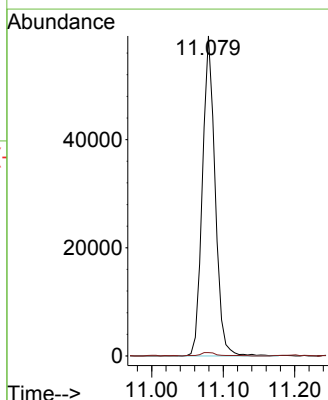
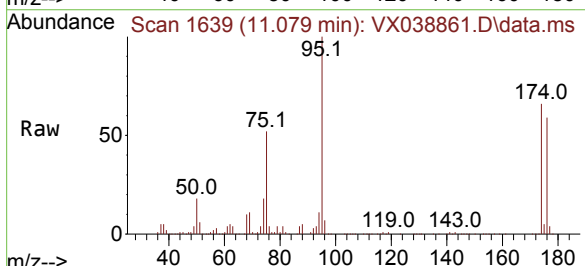
Acq: 17 Nov 2023 00:23

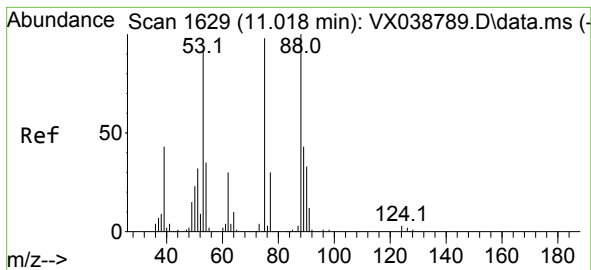
Tgt Ion: 75 Resp: 73203

Ion Ratio Lower Upper

75 100

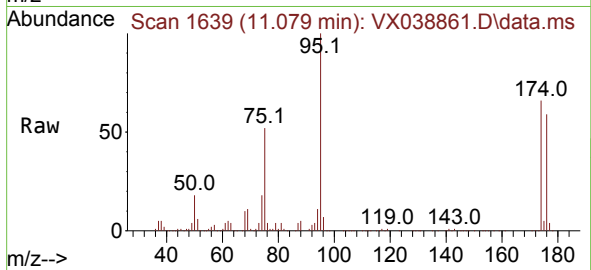
77 1.6 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 47.967 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038861.D
 Acq: 17 Nov 2023 00:23

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 73203
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

