

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038134.D
 Acq On : 06 Oct 2023 16:31
 Operator : JC/MD
 Sample : 04794-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20231005

Quant Time: Oct 07 04:22:17 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)

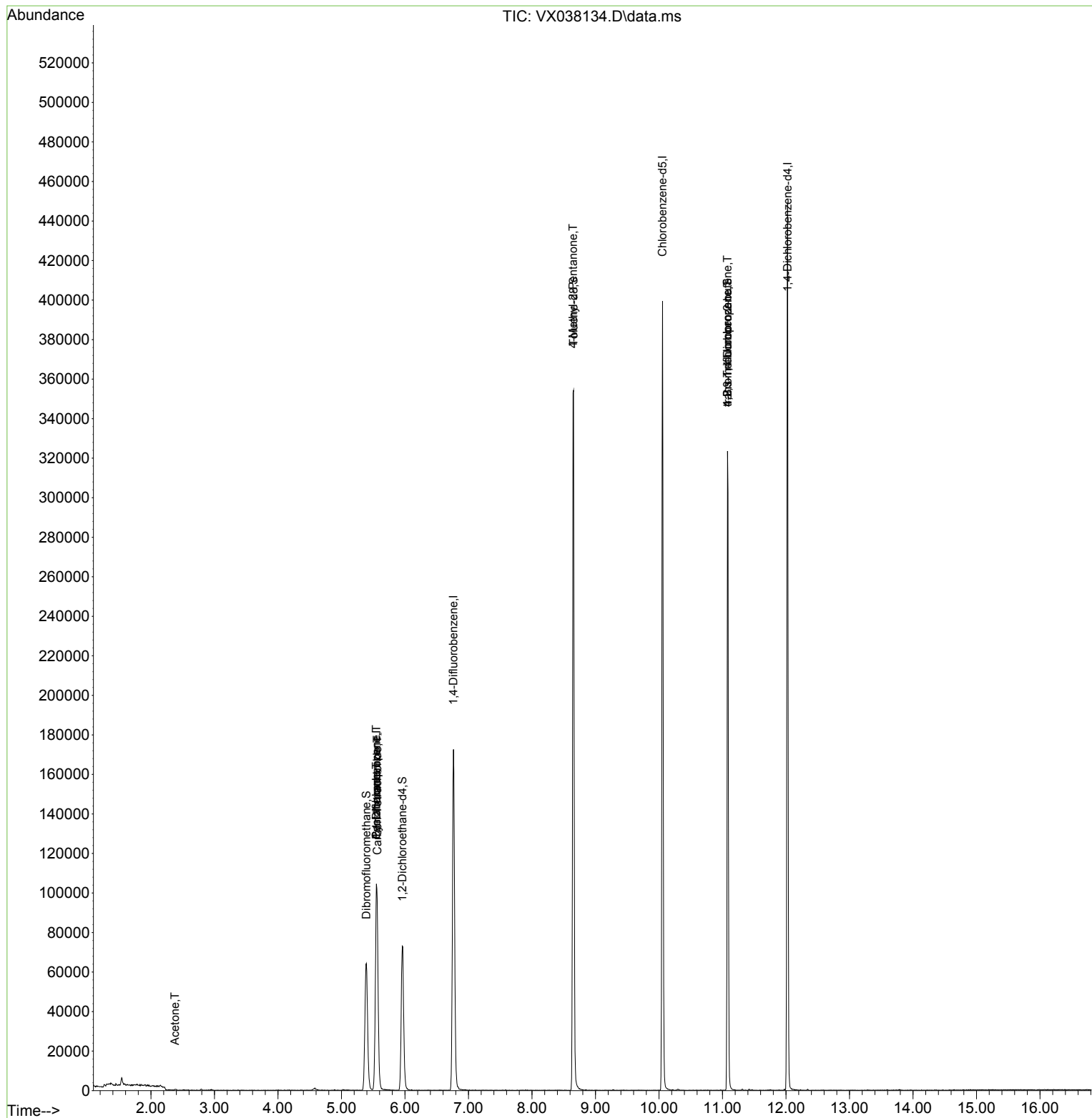
Internal Standards						
1) Pentafluorobenzene	5.550	168	98478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173389	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	172194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72648	45.865	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.720%
35) Dibromofluoromethane	5.391	113	56271	45.039	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.080%
50) Toluene-d8	8.653	98	219217	45.917	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.840%#
62) 4-Bromofluorobenzene	11.079	95	82967	45.840	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.680%
Target Compounds						
					Qvalue	
5) Bromomethane	1.727	94	20	Below Cal	#	3
6) Chloroethane	1.697	64	120	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	474	Below Cal	#	78
16) Acetone	2.380	43	464	0.702	ug/l #	47
31) Cyclohexane	5.550	56	2297	1.338	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8568	4.973	ug/l #	50
38) Carbon Tetrachloride	5.562	117	10433	6.156	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	1098	0.521	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46500	22.767	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	46500	65.148	ug/l #	5

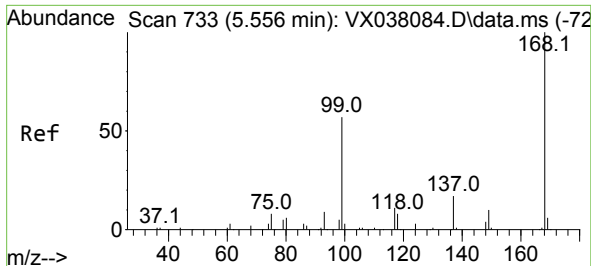
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TB-20231005

Quant Time: Oct 07 04:22:17 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

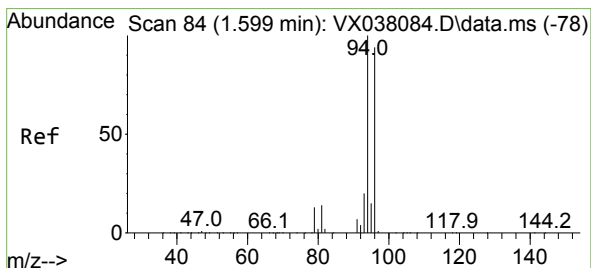
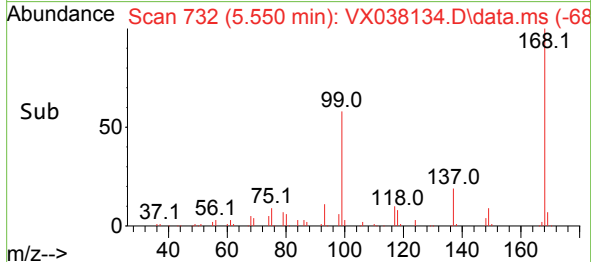
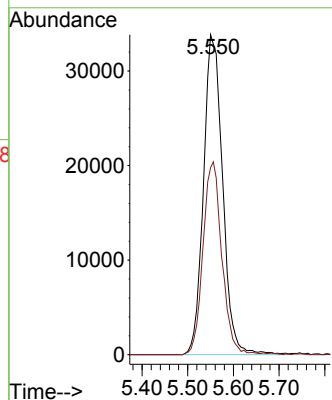
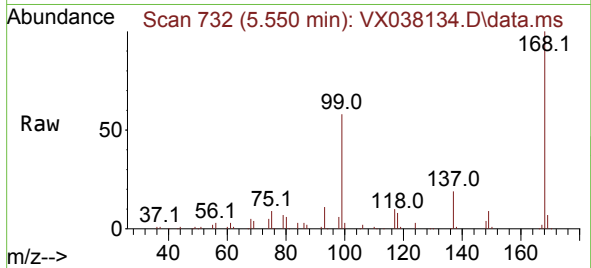




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

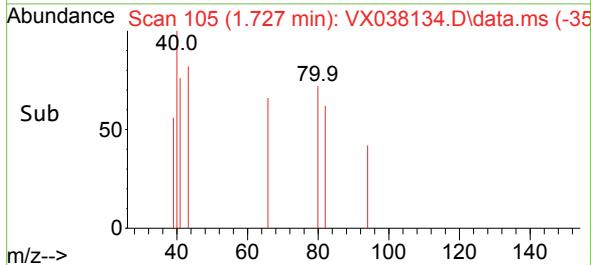
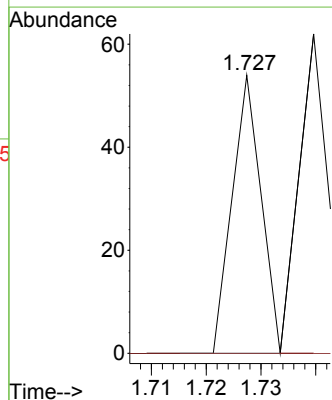
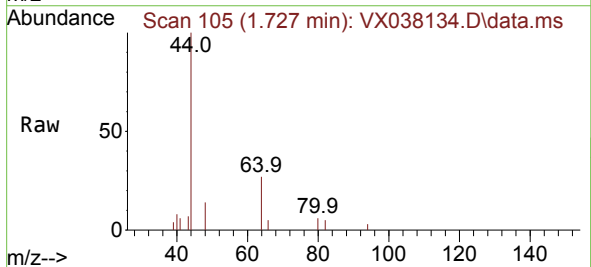
Instrument :
MSVOA_X
ClientSampleId :
TB-20231005

Tgt Ion:168 Resp: 98478
Ion Ratio Lower Upper
168 100
99 58.4 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.727 min Scan# 105
Delta R.T. 0.128 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

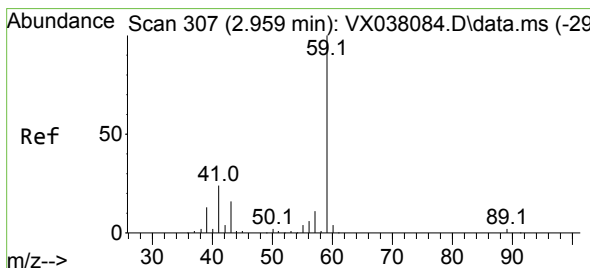
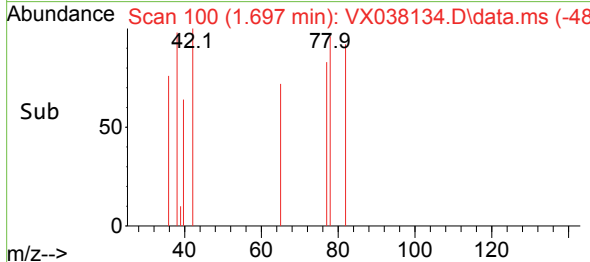
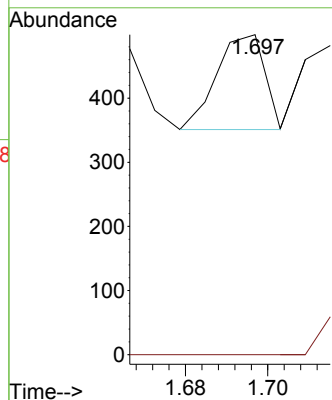
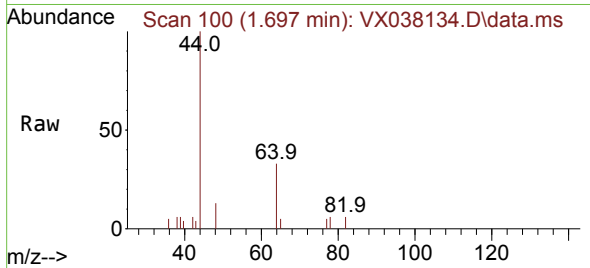




#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

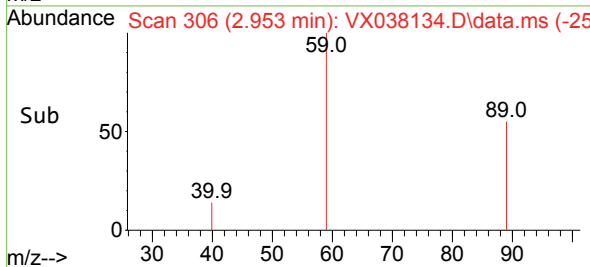
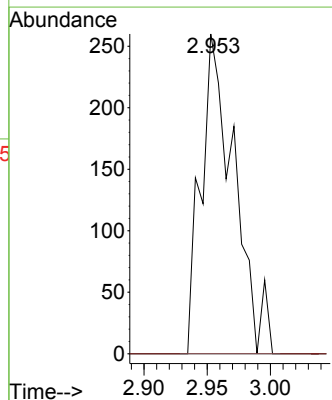
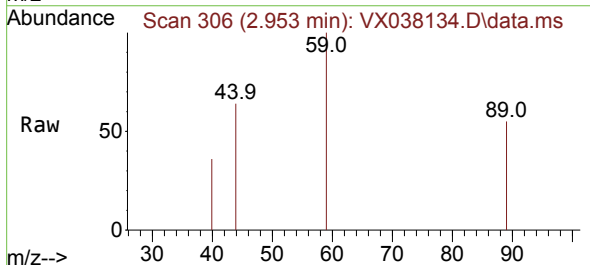
Instrument :
MSVOA_X
ClientSampleId :
TB-20231005

Tgt Ion: 64 Resp: 120
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

Tgt Ion: 59 Resp: 474
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

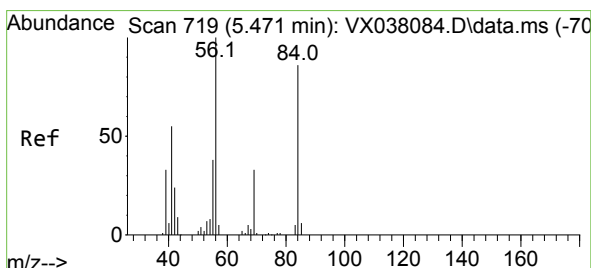
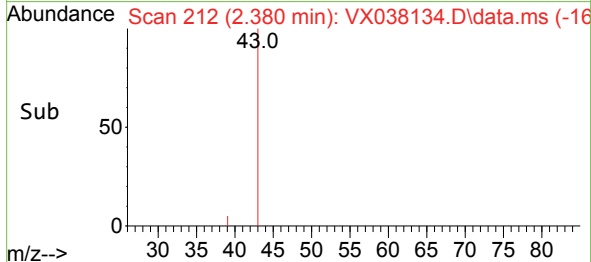
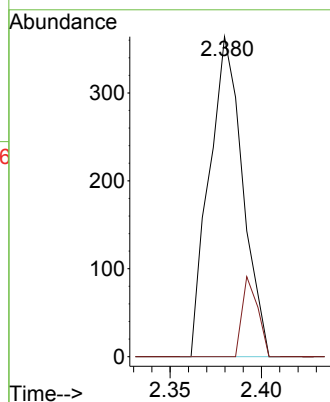
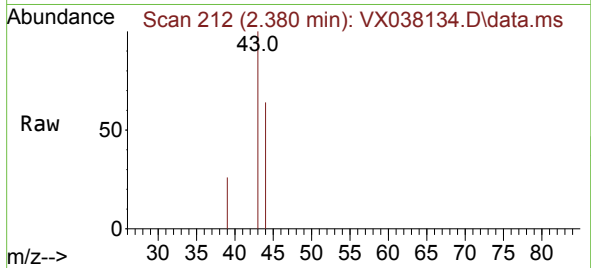




#16
Acetone
Concen: 0.702 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

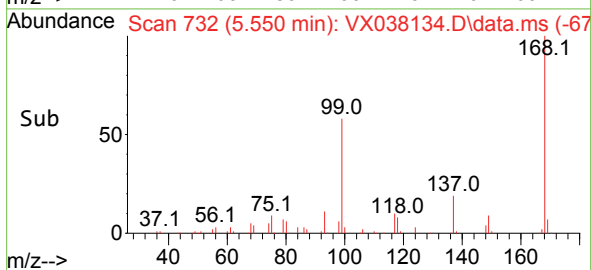
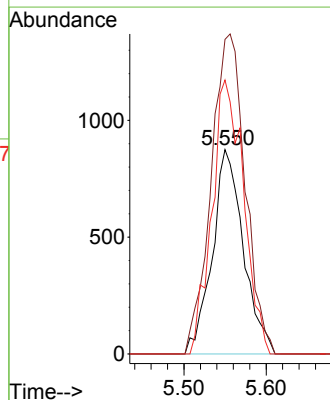
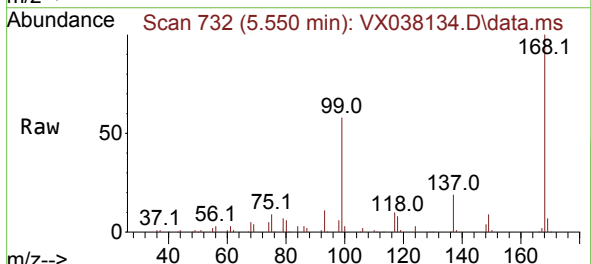
Instrument :
MSVOA_X
ClientSampleId :
TB-20231005

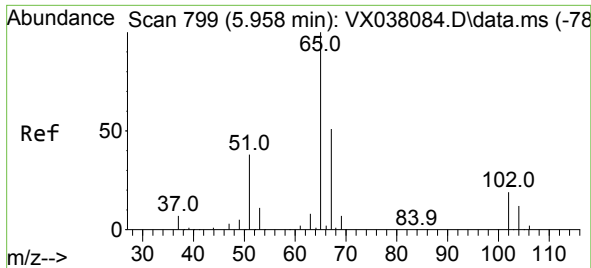
Tgt Ion: 43 Resp: 464
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#31
Cyclohexane
Concen: 1.338 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

Tgt Ion: 56 Resp: 2297
Ion Ratio Lower Upper
56 100
69 153.9 23.4 35.2#
84 134.1 65.9 98.9#

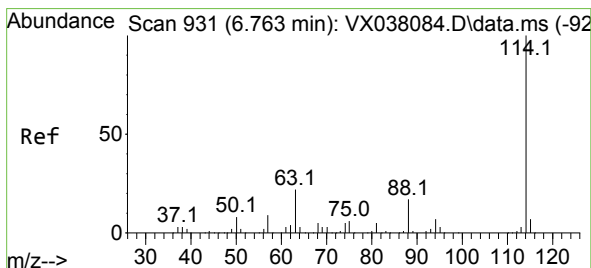
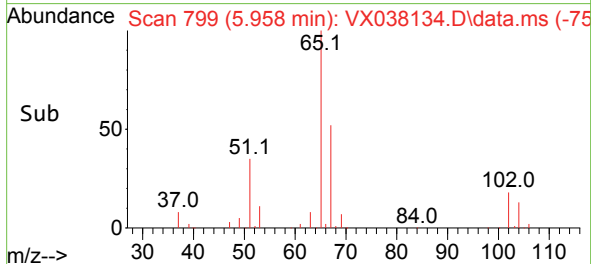
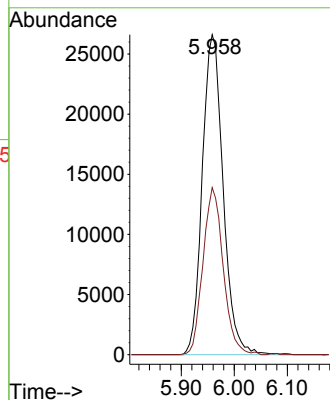
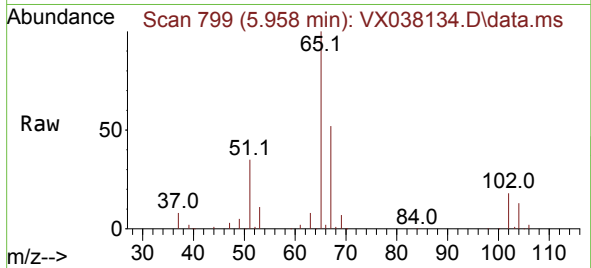




#33
 1,2-Dichloroethane-d4
 Concen: 45.865 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX038134.D
 Acq: 06 Oct 2023 16:31

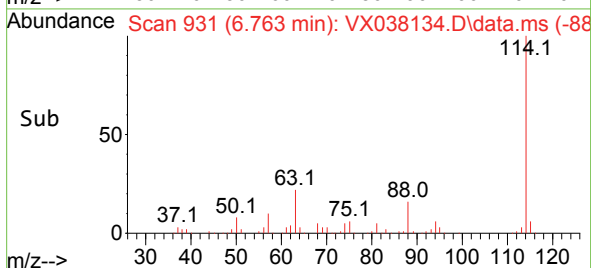
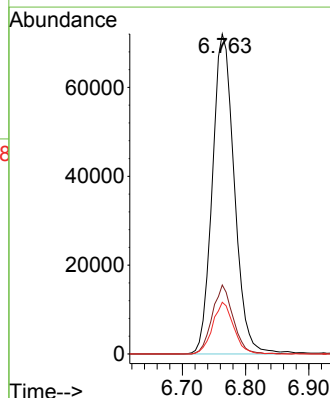
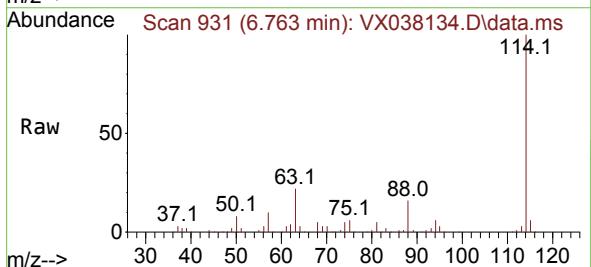
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20231005

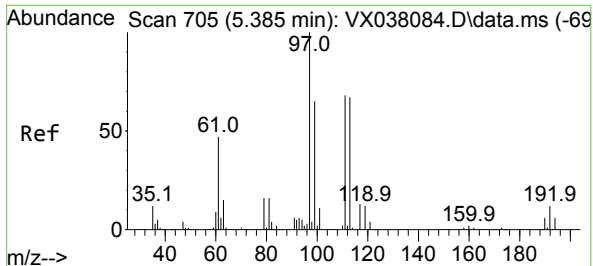
Tgt Ion: 65 Resp: 72648
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX038134.D
 Acq: 06 Oct 2023 16:31

Tgt Ion: 114 Resp: 173389
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 45.0
 88 16.2 0.0 36.6

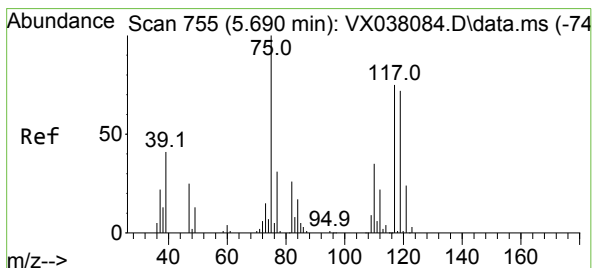
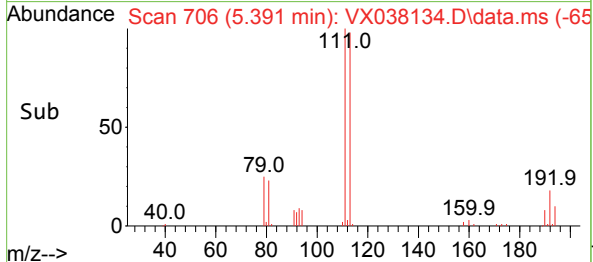
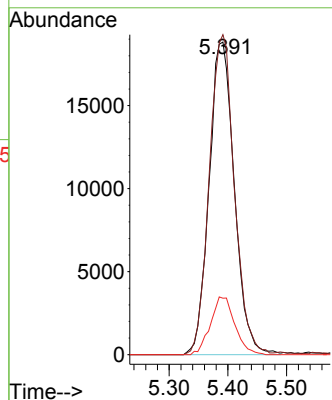
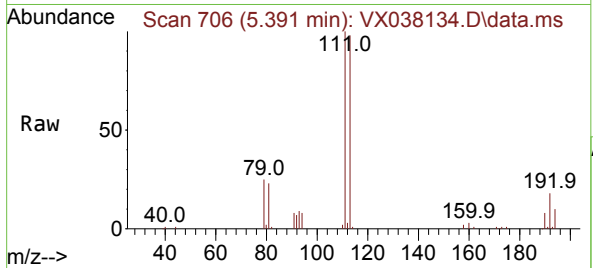




#35
Dibromofluoromethane
Concen: 45.039 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

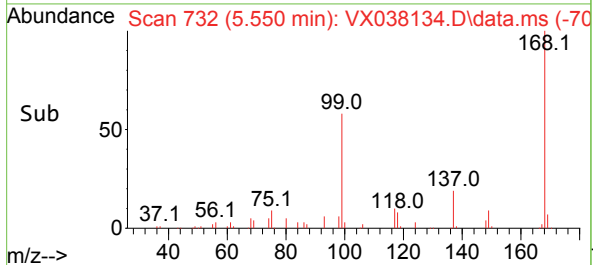
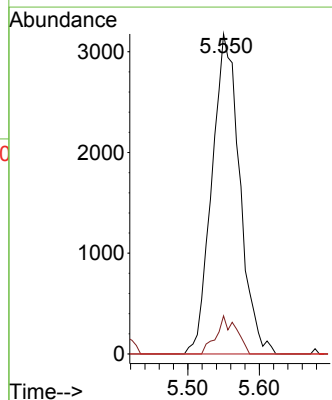
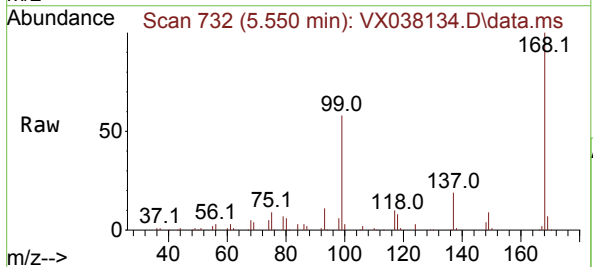
Instrument :
MSVOA_X
ClientSampleId :
TB-20231005

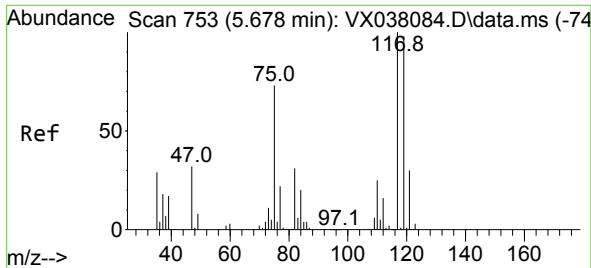
Tgt Ion:113 Resp: 56271
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 17.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.973 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

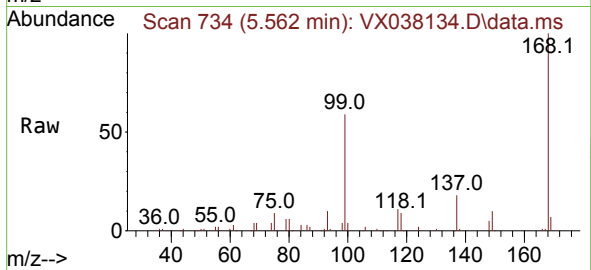
Tgt Ion: 75 Resp: 8568
Ion Ratio Lower Upper
75 100
110 8.6 17.0 50.9#
77 0.0 24.7 37.1#



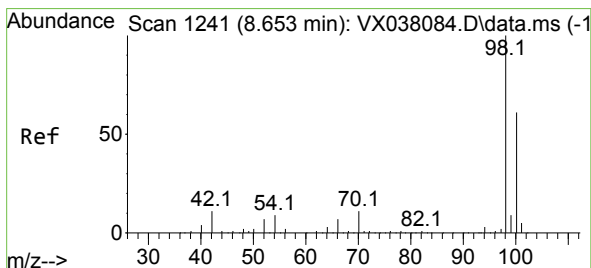
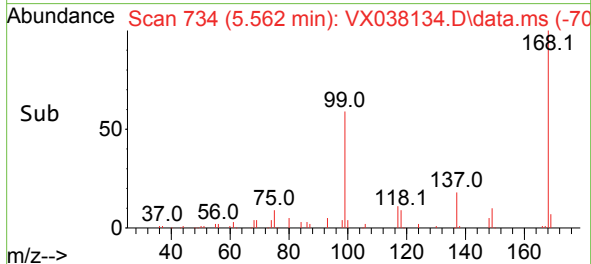
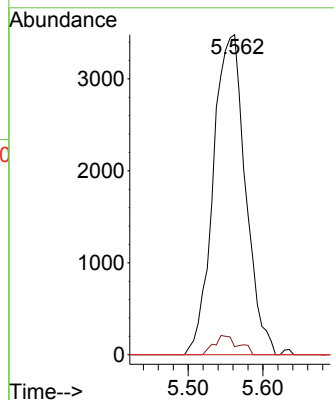


#38
Carbon Tetrachloride
Concen: 6.156 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

Instrument :
MSVOA_X
ClientSampleId :
TB-20231005

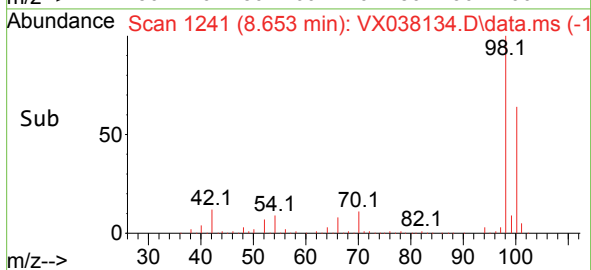
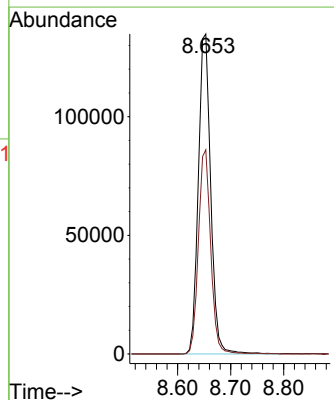
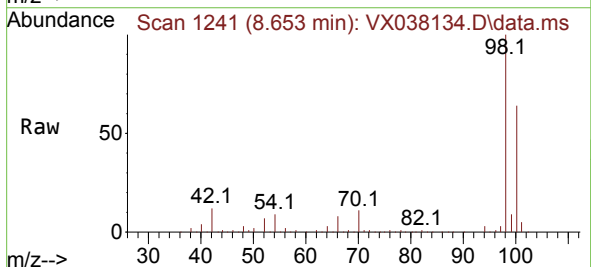


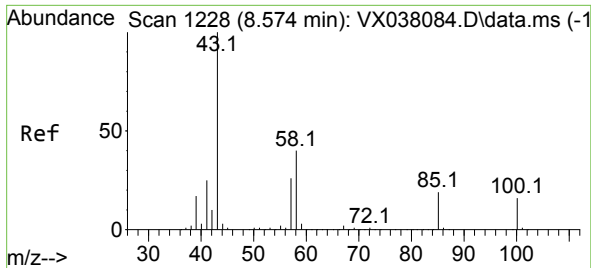
Tgt Ion:117 Resp: 10433
Ion Ratio Lower Upper
117 100
119 2.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.917 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

Tgt Ion: 98 Resp: 219217
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

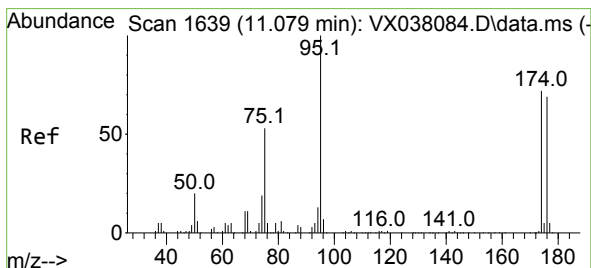
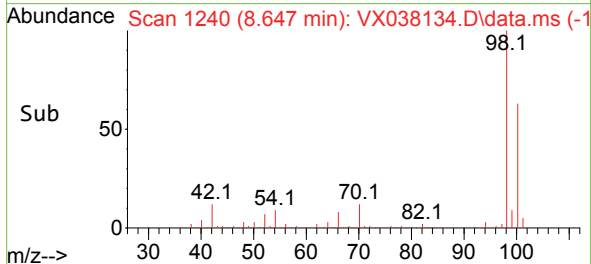
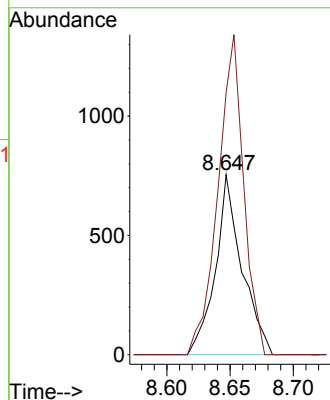
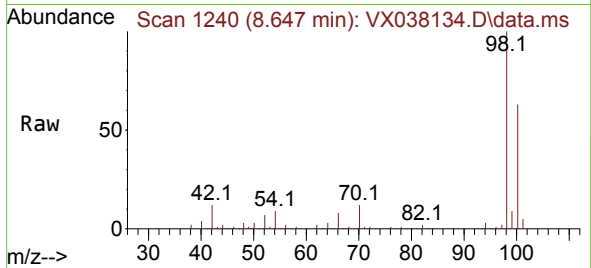




#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

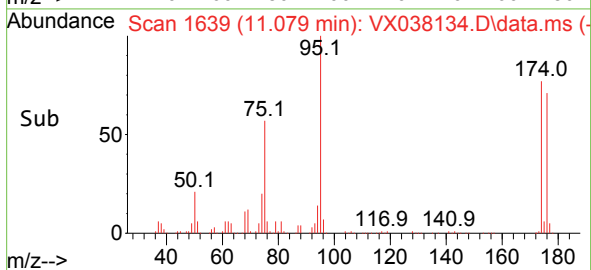
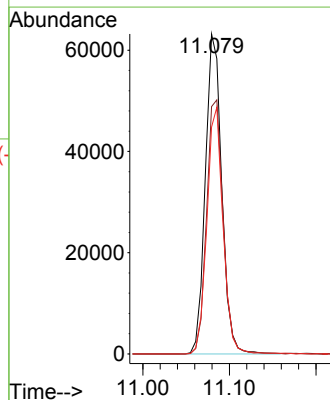
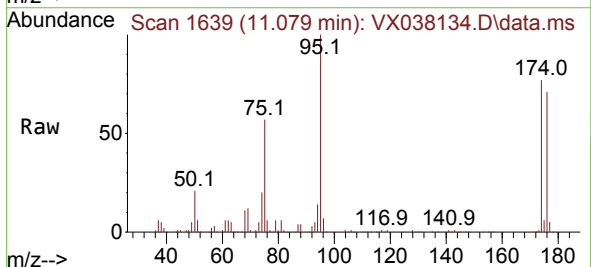
Instrument :
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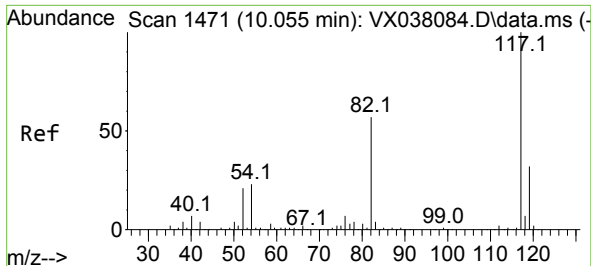
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 172.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 45.840 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

Tgt Ion: 95 Resp: 82967
Ion Ratio Lower Upper
95 100
174 80.9 0.0 135.6
176 76.1 0.0 131.0

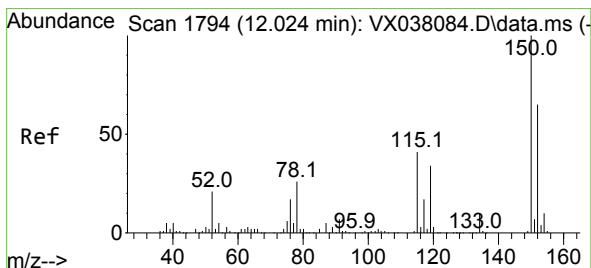
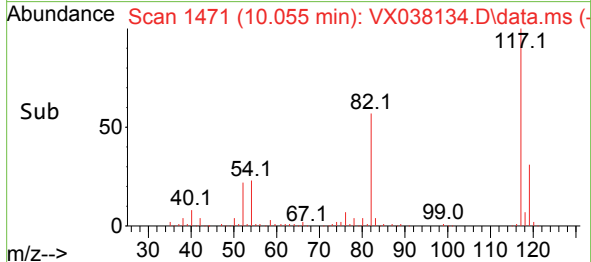
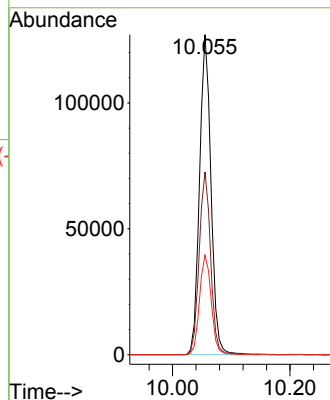
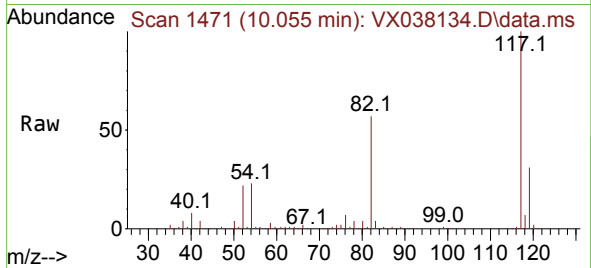




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

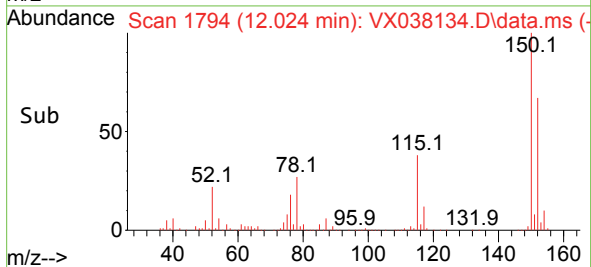
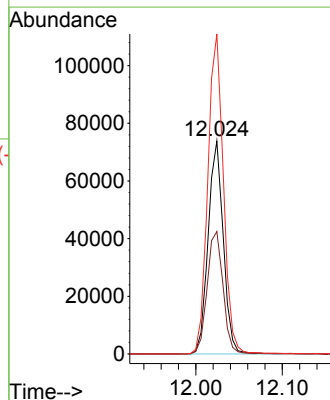
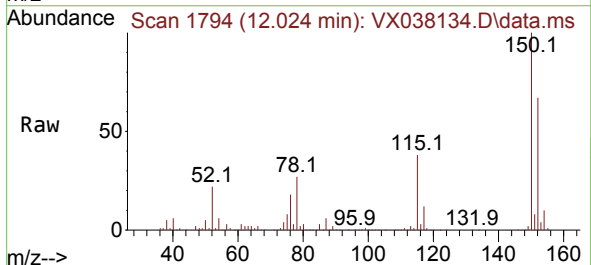
Instrument :
MSVOA_X
ClientSampleId :
TB-20231005

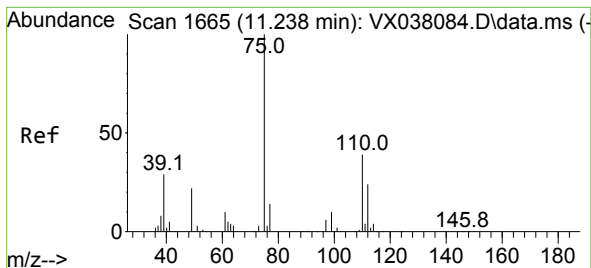
Tgt Ion:117 Resp: 172194
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038134.D
Acq: 06 Oct 2023 16:31

Tgt Ion:152 Resp: 89843
Ion Ratio Lower Upper
152 100
115 60.4 43.3 129.9
150 155.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.767 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038134.D

Acq: 06 Oct 2023 16:31

Instrument :

MSVOA_X

ClientSampleId :

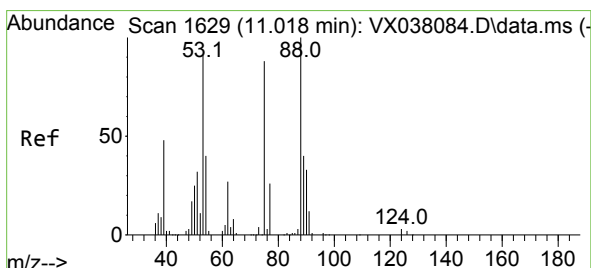
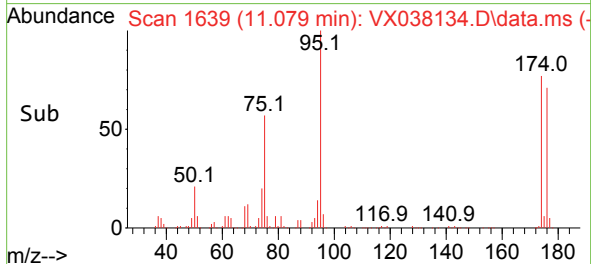
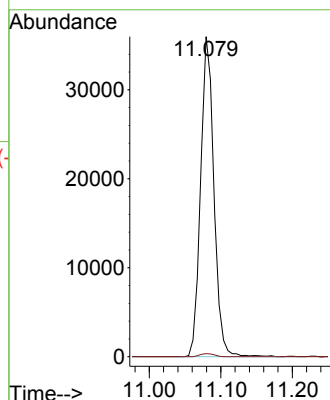
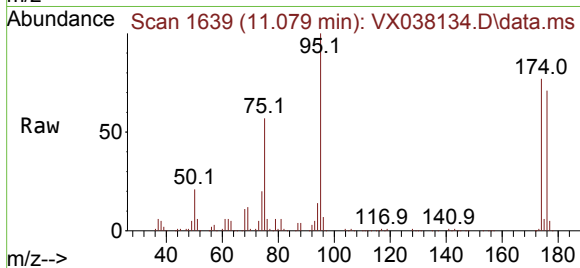
TB-20231005

Tgt Ion: 75 Resp: 46500

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.148 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038134.D

Acq: 06 Oct 2023 16:31

Tgt Ion: 75 Resp: 46500

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

