

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112023\
 Data File : VX038959.D
 Acq On : 20 Nov 2023 15:28
 Operator : JC/MD
 Sample : 05431-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20231113

Quant Time: Nov 21 00:21:21 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)

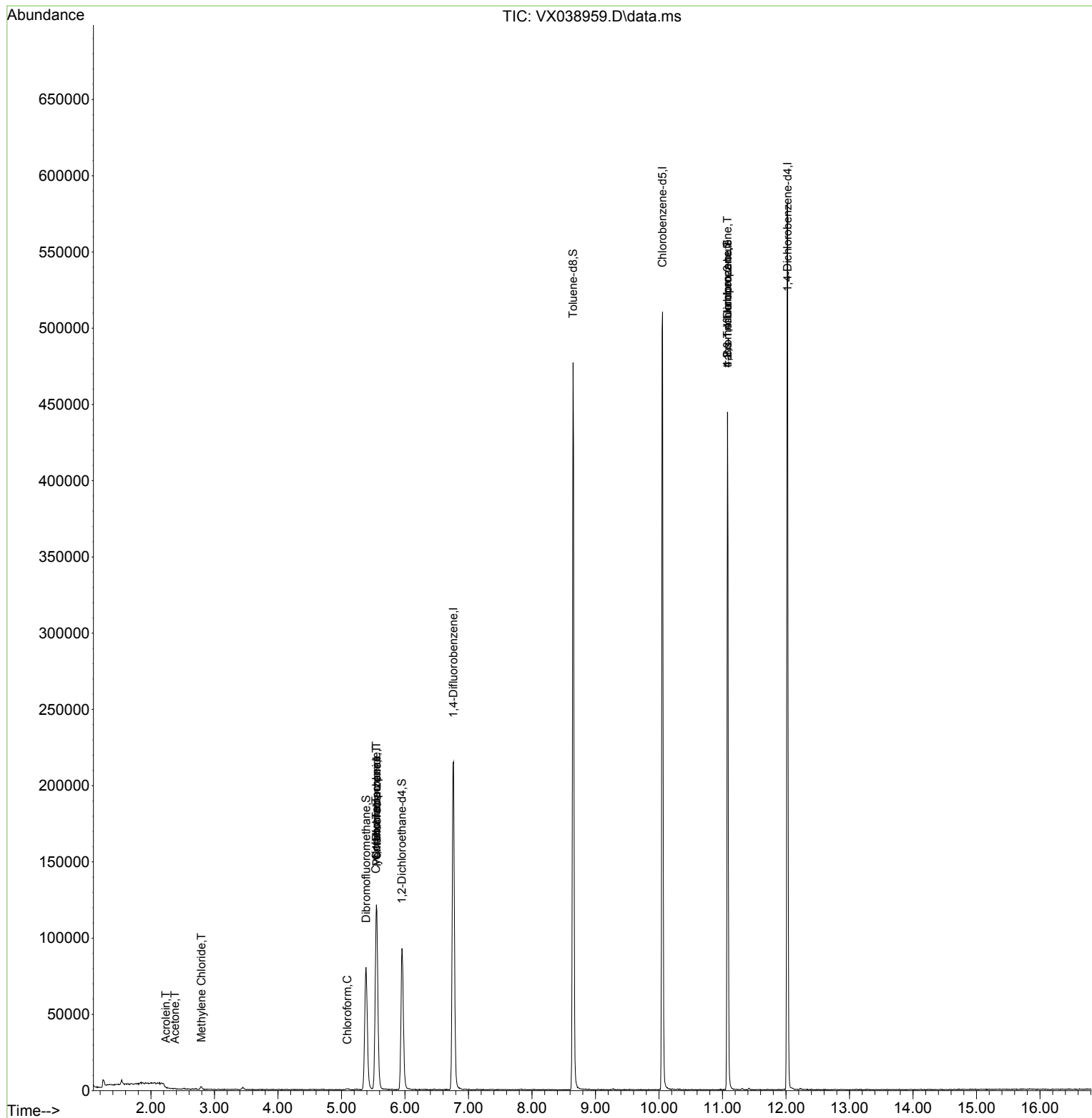
Internal Standards						
1) Pentafluorobenzene	5.556	168	108760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	220594	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230409	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114513	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87460	49.906	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.820%
35) Dibromofluoromethane	5.385	113	70931	44.522	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.040%
50) Toluene-d8	8.647	98	282543	46.352	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.700%
62) 4-Bromofluorobenzene	11.079	95	120728	49.476	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.960%
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	181	0.702	ug/l #	14
16) Acetone	2.380	43	478	0.512	ug/l #	71
20) Methylene Chloride	2.794	84	967	0.575	ug/l #	74
30) Chloroform	5.093	83	894	0.329	ug/l	91
31) Cyclohexane	5.544	56	2993	1.196	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	10259	4.493	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12310	5.833	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	64273	22.496	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	64273	49.899	ug/l #	5

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

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TB-01-20231113

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Response via : Initial Calibration

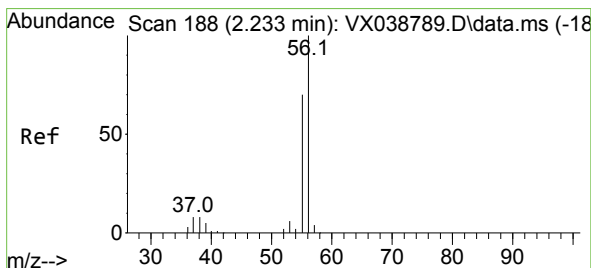
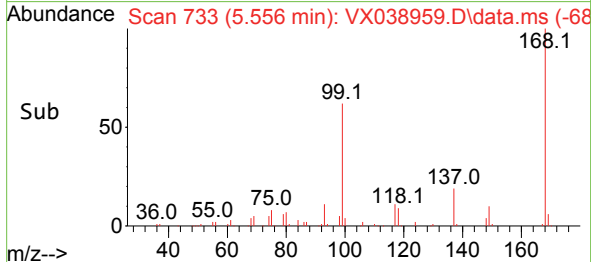
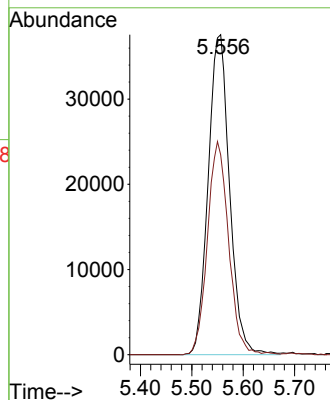
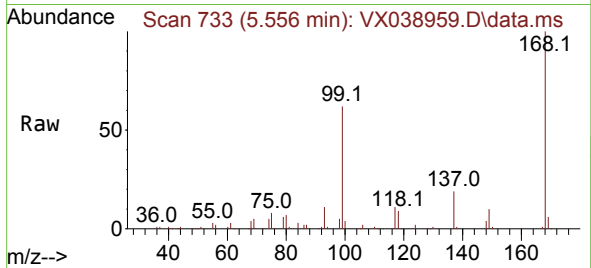




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

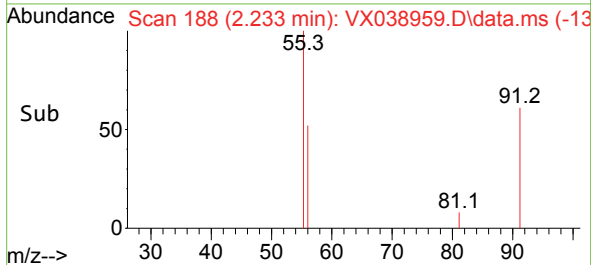
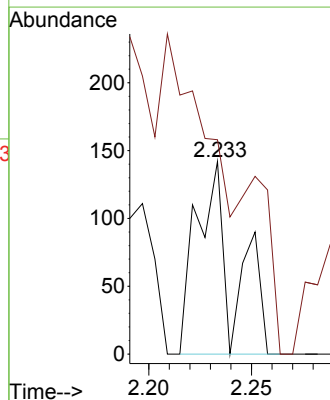
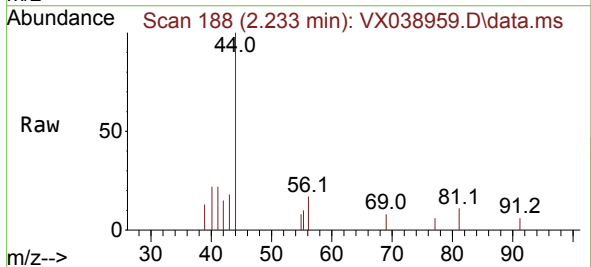
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20231113

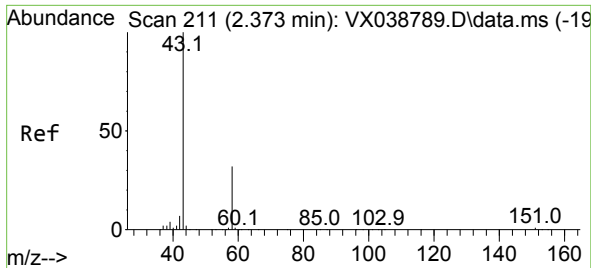
Tgt Ion:168 Resp: 108760
Ion Ratio Lower Upper
168 100
99 62.4 56.6 85.0



#13
Acrolein
Concen: 0.702 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

Tgt Ion: 56 Resp: 181
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

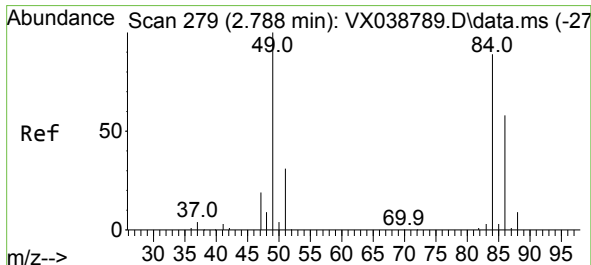
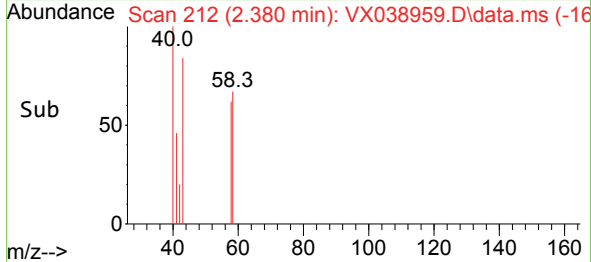
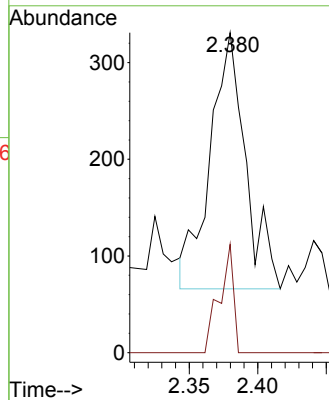
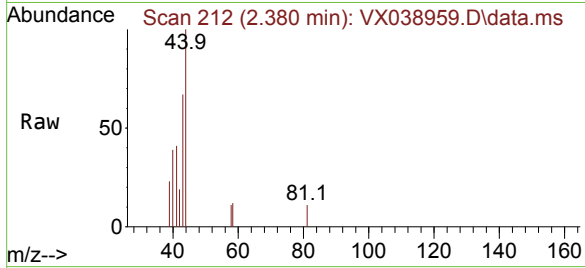




#16
Acetone
Concen: 0.512 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

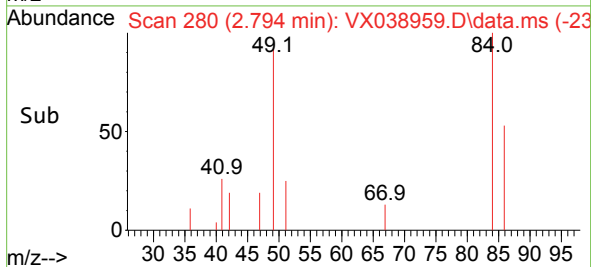
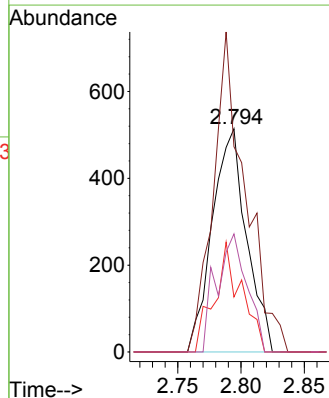
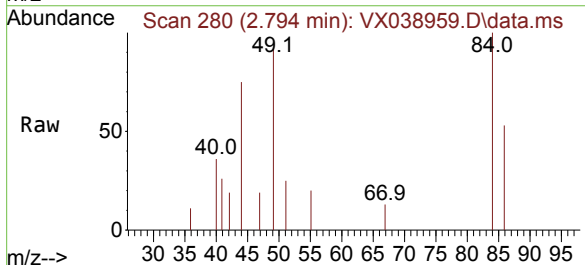
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20231113

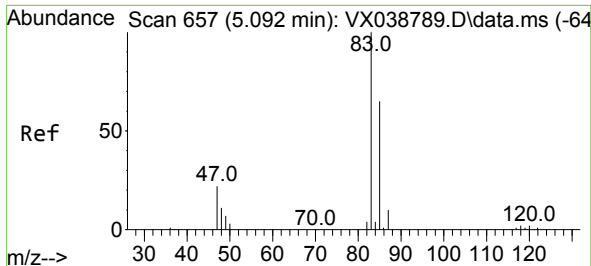
Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
58 42.3 21.9 32.9#



#20
Methylene Chloride
Concen: 0.575 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

Tgt Ion: 84 Resp: 967
Ion Ratio Lower Upper
84 100
49 92.0 103.6 155.4#
51 24.7 33.8 50.6#
86 52.9 49.4 74.0





#30

Chloroform

Concen: 0.329 ug/l

RT: 5.093 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX038959.D

Acq: 20 Nov 2023 15:28

Instrument :

MSVOA_X

ClientSampleId :

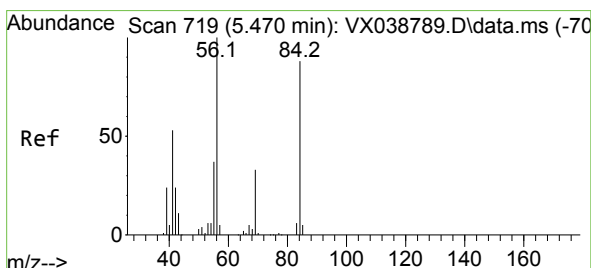
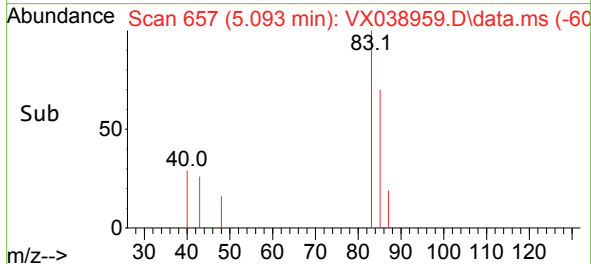
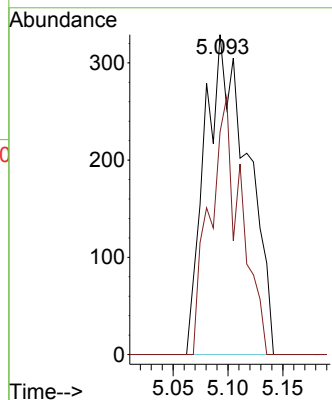
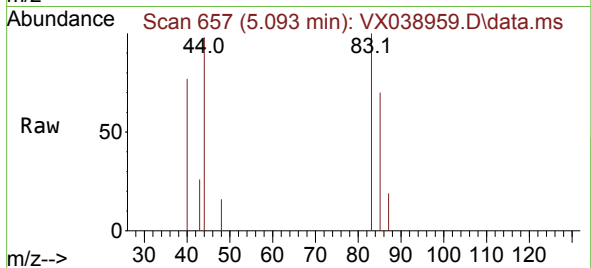
TB-01-20231113

Tgt Ion: 83 Resp: 894

Ion Ratio Lower Upper

83 100

85 69.6 50.3 75.5



#31

Cyclohexane

Concen: 1.196 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX038959.D

Acq: 20 Nov 2023 15:28

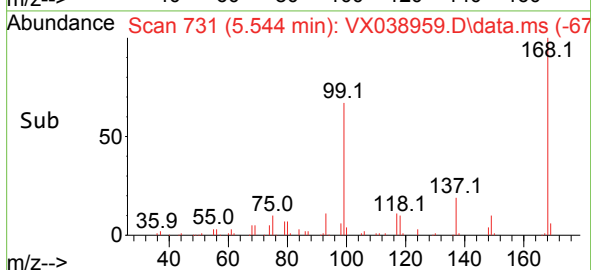
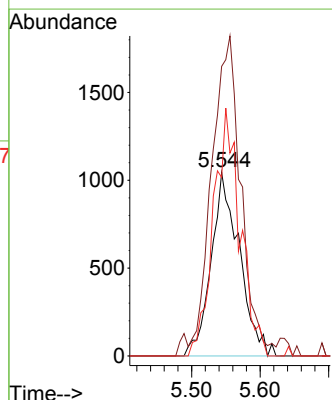
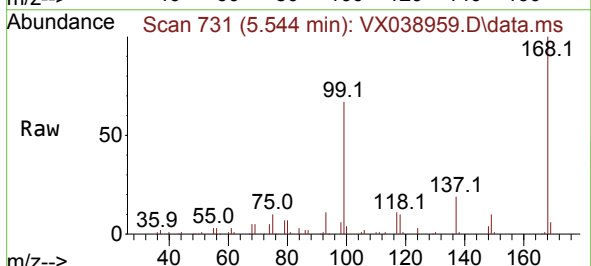
Tgt Ion: 56 Resp: 2993

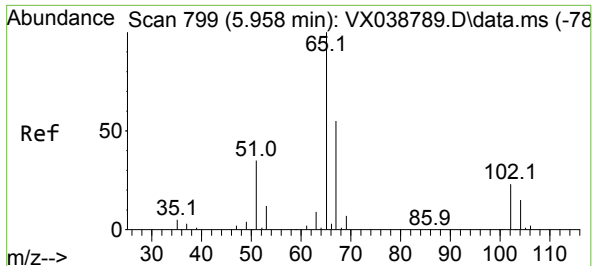
Ion Ratio Lower Upper

56 100

69 150.0 23.4 35.2#

84 97.3 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 49.906 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038959.D

Acq: 20 Nov 2023 15:28

Instrument :

MSVOA_X

ClientSampleId :

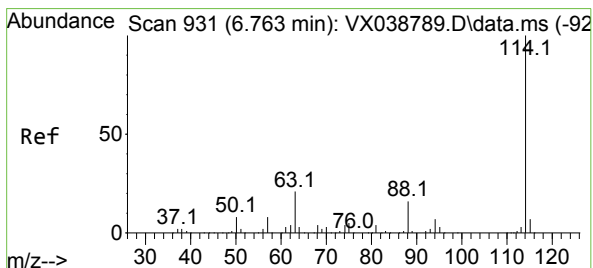
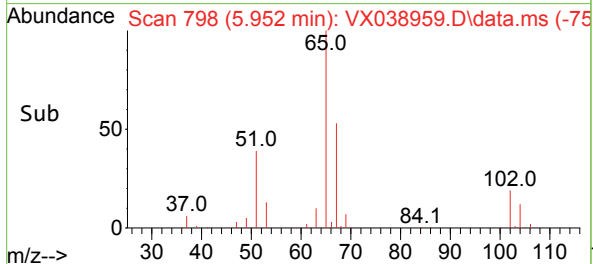
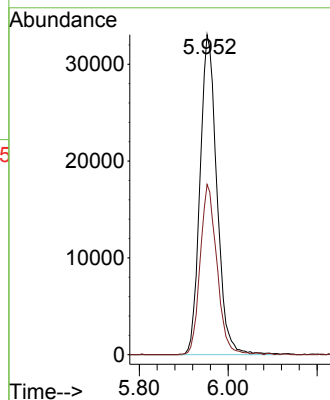
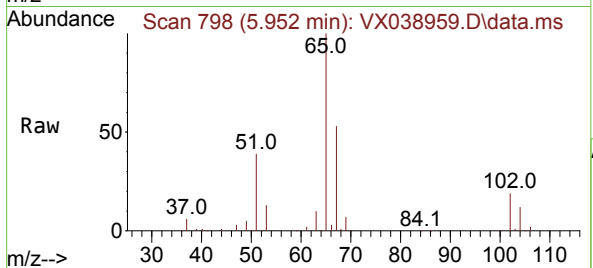
TB-01-20231113

Tgt Ion: 65 Resp: 87460

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# 931

Delta R.T. 0.000 min

Lab File: VX038959.D

Acq: 20 Nov 2023 15:28

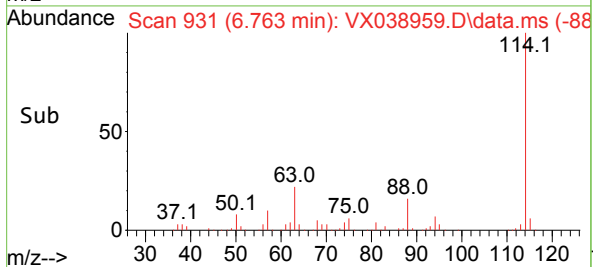
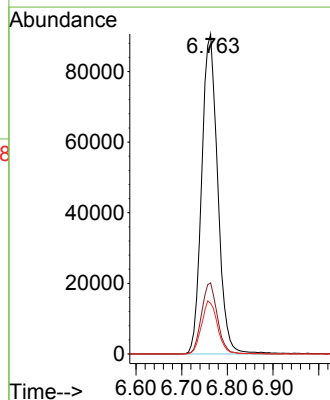
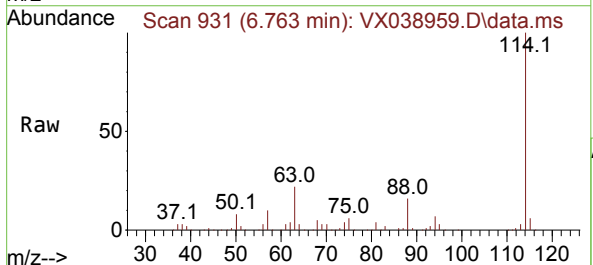
Tgt Ion:114 Resp: 220594

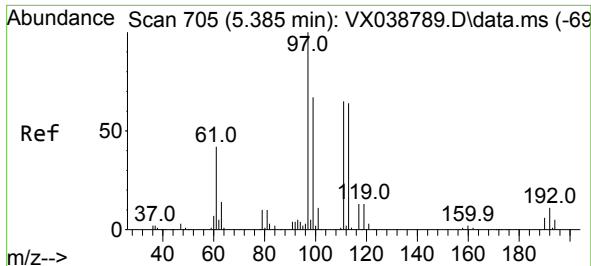
Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.0

88 15.9 0.0 36.6

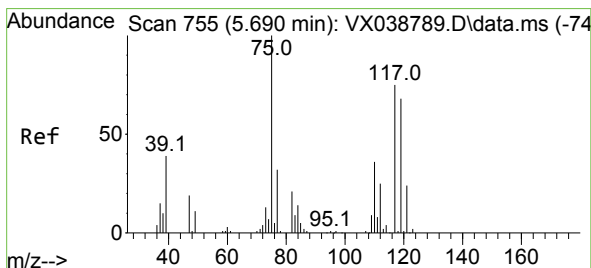
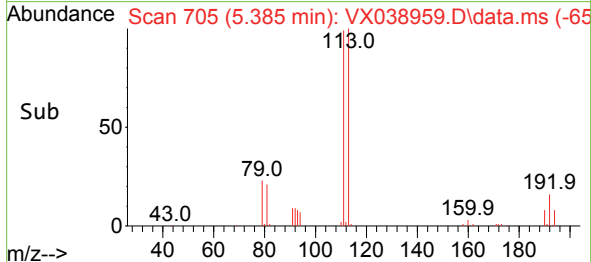
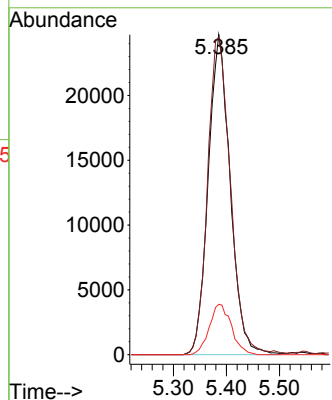
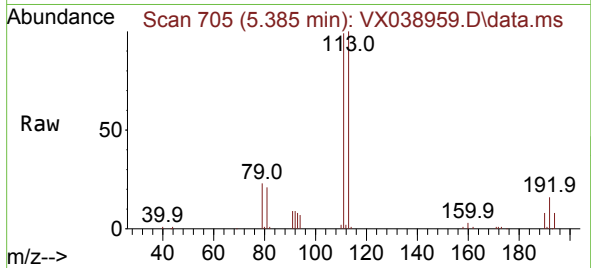




#35
Dibromofluoromethane
Concen: 44.522 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

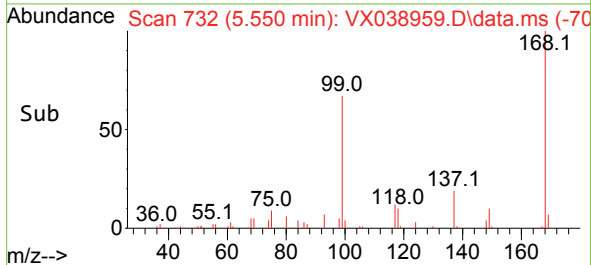
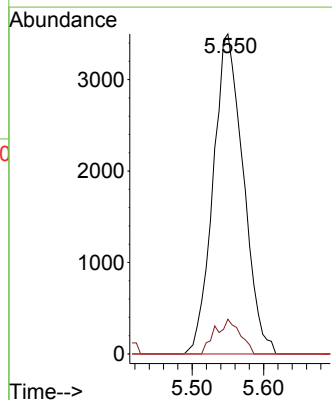
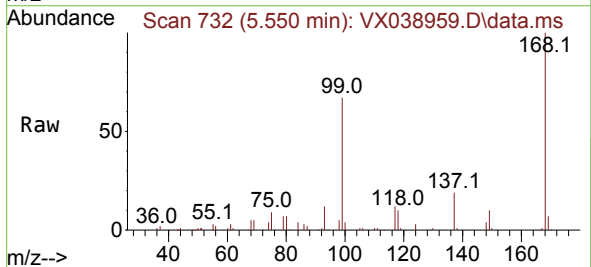
Instrument :
MSVOA_X
ClientSampleId :
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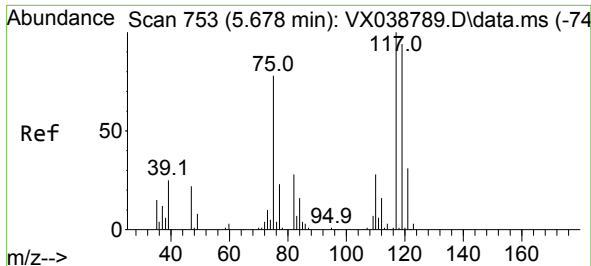
Tgt Ion:113 Resp: 70931
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 15.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.493 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

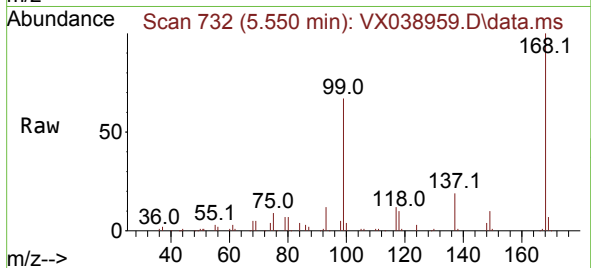
Tgt Ion: 75 Resp: 10259
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



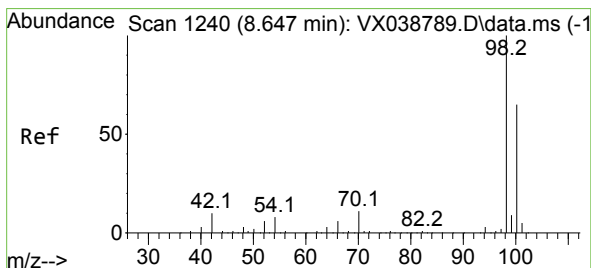
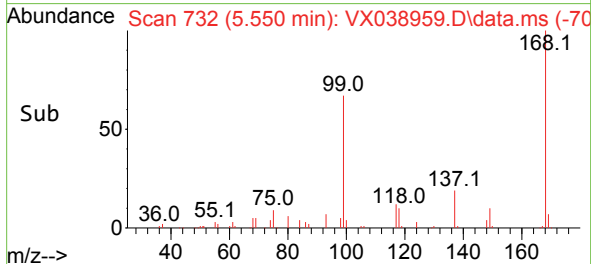
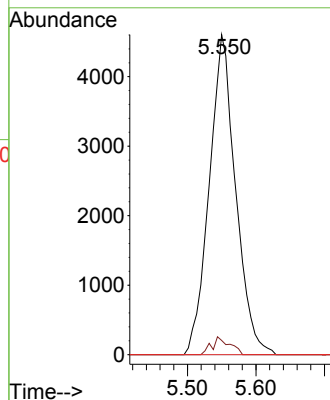


#38
Carbon Tetrachloride
Concen: 5.833 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

Instrument :
MSVOA_X
ClientSampleId :
TB-01-20231113

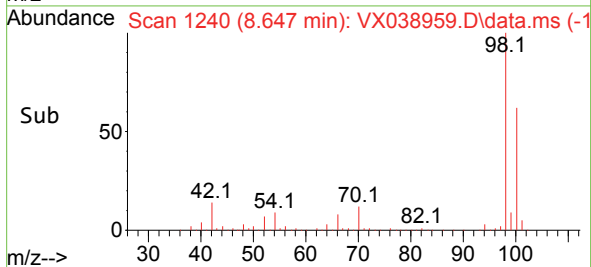
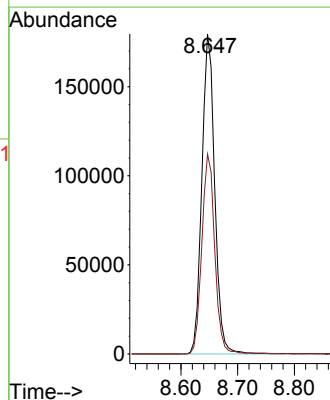
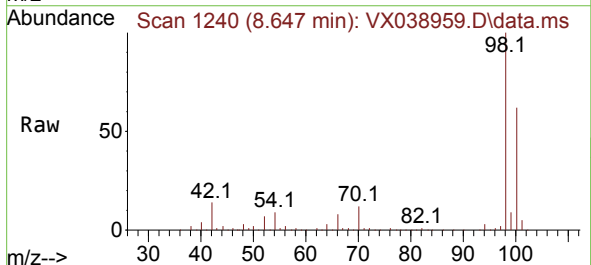


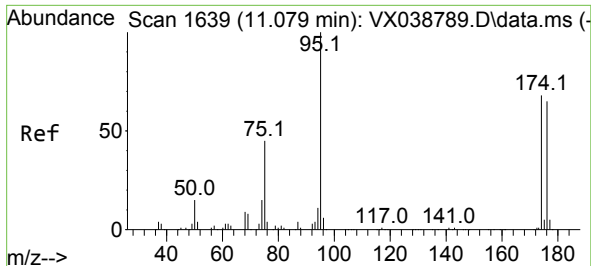
Tgt Ion:117 Resp: 12310
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.352 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

Tgt Ion: 98 Resp: 282543
Ion Ratio Lower Upper
98 100
100 62.9 53.1 79.7

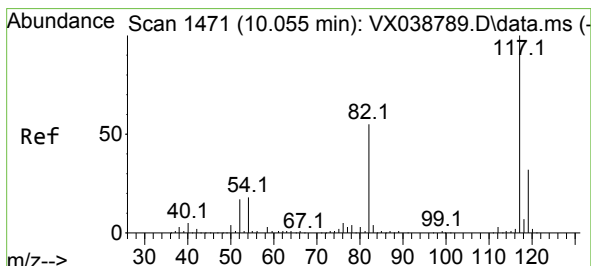
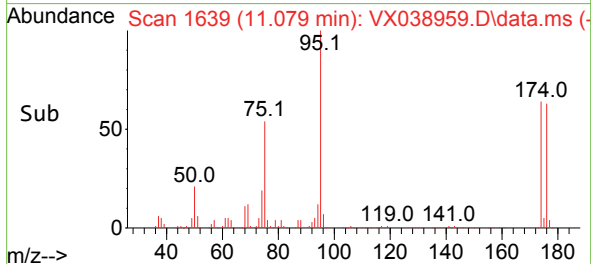
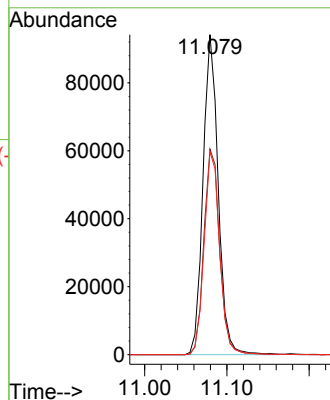
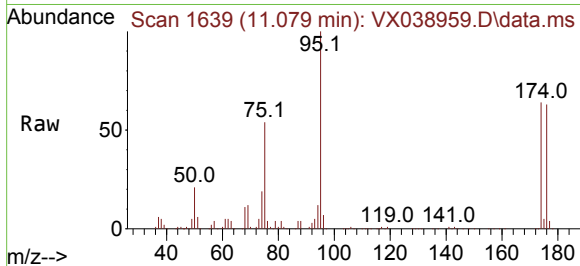




#62
4-Bromofluorobenzene
Concen: 49.476 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

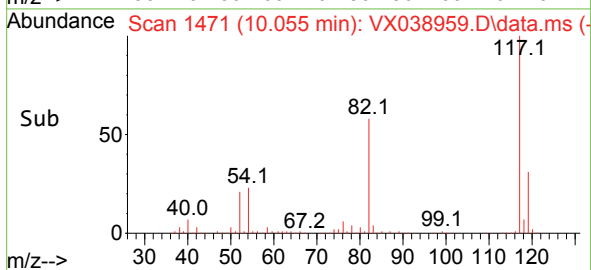
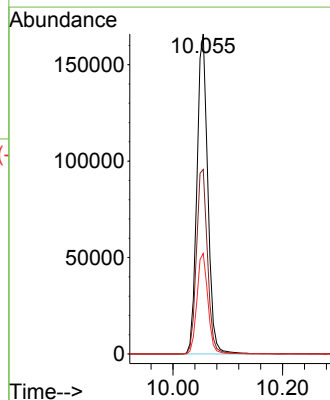
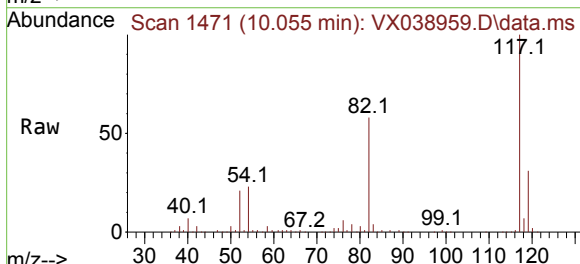
Instrument :
MSVOA_X
ClientSampleId :
TB-01-20231113

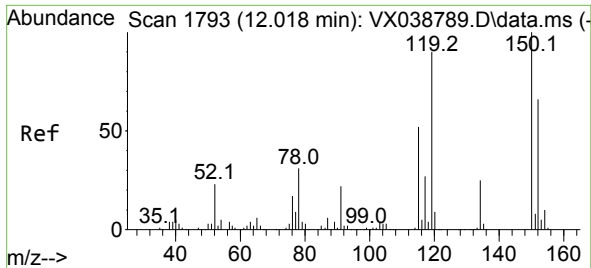
Tgt Ion: 95 Resp: 120728
Ion Ratio Lower Upper
95 100
174 67.0 0.0 135.6
176 64.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038959.D
Acq: 20 Nov 2023 15:28

Tgt Ion: 117 Resp: 230409
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.4
119 31.4 25.5 38.3

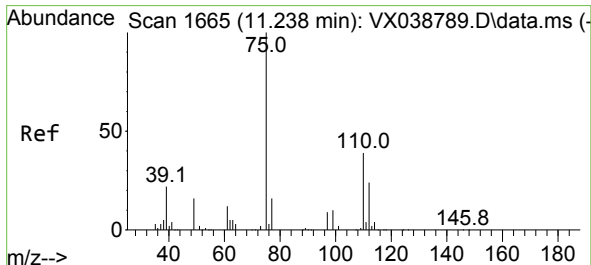
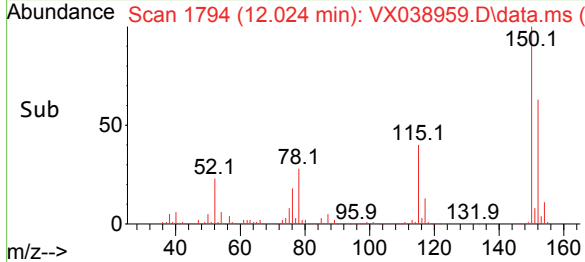
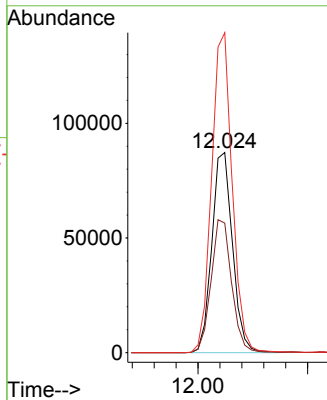
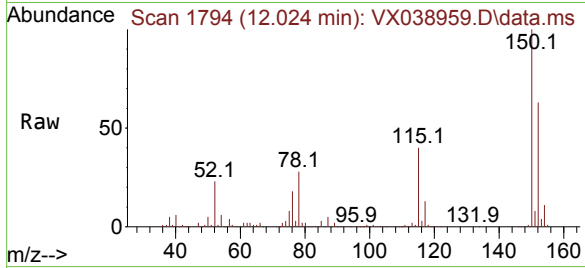




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX038959.D
 Acq: 20 Nov 2023 15:28

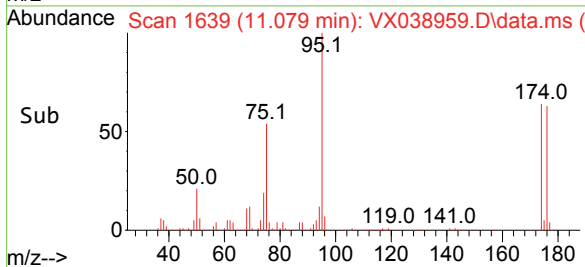
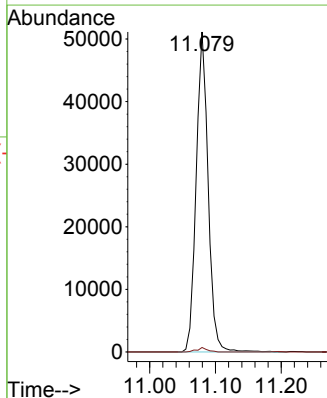
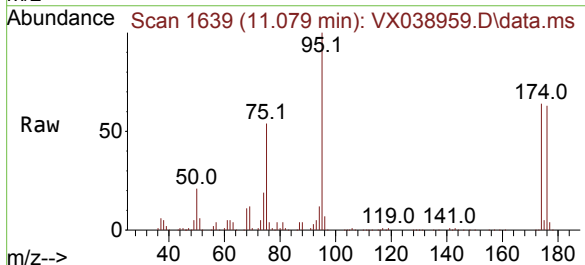
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20231113

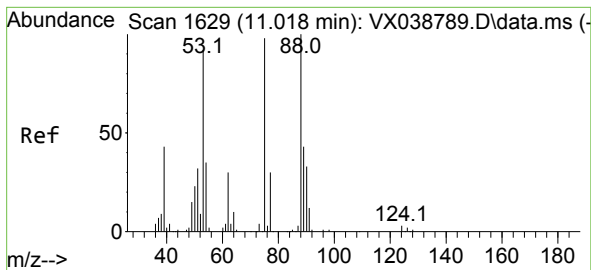
Tgt Ion:152 Resp: 114513
 Ion Ratio Lower Upper
 152 100
 115 66.1 43.3 129.9
 150 159.0 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.496 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX038959.D
 Acq: 20 Nov 2023 15:28

Tgt Ion: 75 Resp: 64273
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.899 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038959.D
 Acq: 20 Nov 2023 15:28

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-20231113

Tgt Ion: 75 Resp: 64273
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

