

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\Not Reviewed Data\
 Data File : VX039157.D
 Acq On : 12 Dec 2023 11:26
 Operator : JC/MD
 Sample : 05720-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20231207

Quant Time: Dec 12 17:54:40 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	121390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	253577	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	263598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133227	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104994	53.678	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	107.360%
35) Dibromofluoromethane	5.379	113	81396	44.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.880%
50) Toluene-d8	8.647	98	317371	45.293	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.580%#
62) 4-Bromofluorobenzene	11.079	95	148004	52.765	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.540%

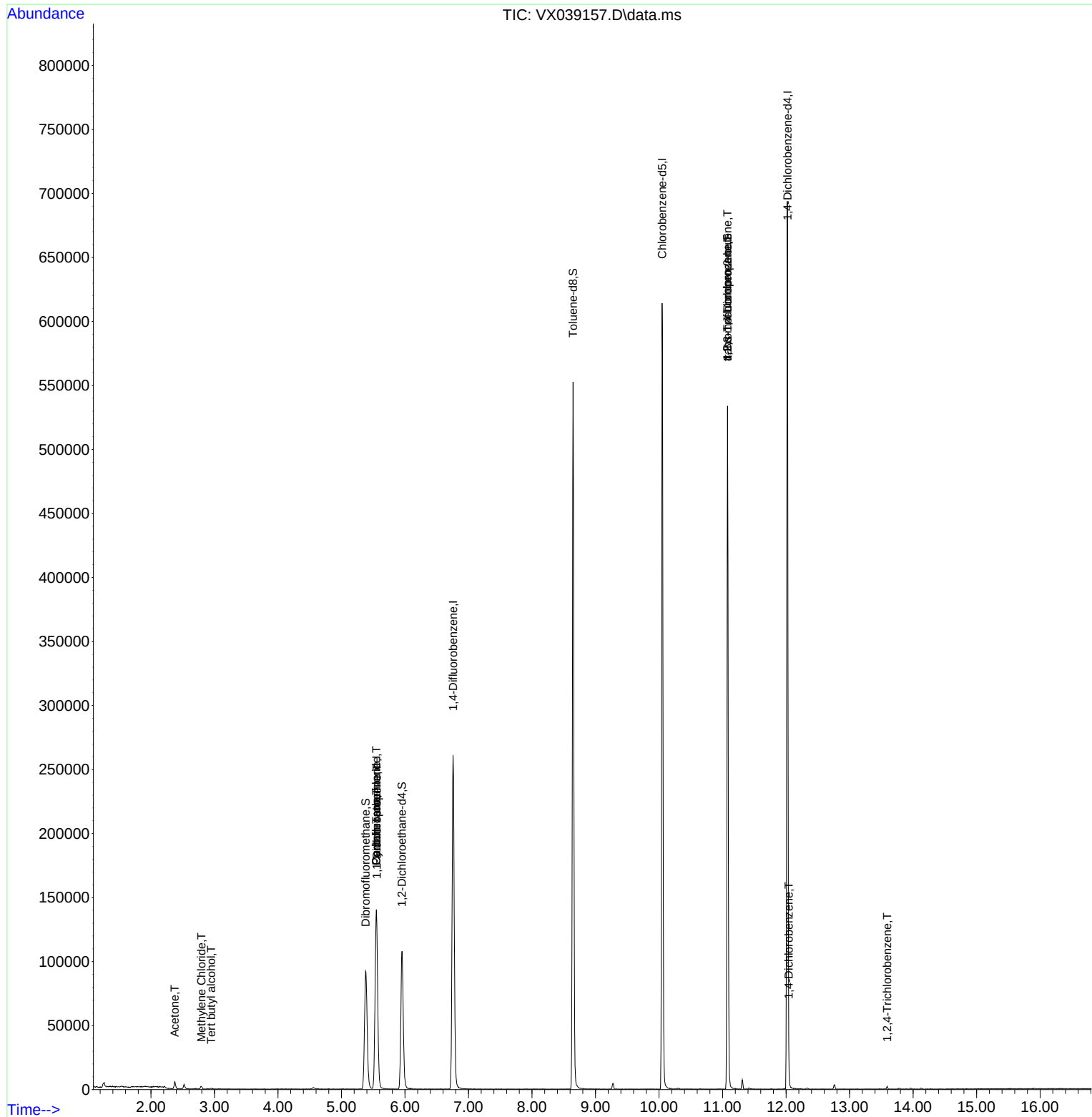
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.947	59	609	1.119	ug/l #	78
16) Acetone	2.373	43	5696	5.470	ug/l	96
20) Methylene Chloride	2.794	84	986	0.525	ug/l	92
31) Cyclohexane	5.550	56	3347	1.198	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11505	4.383	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13760	5.672	ug/l #	13
76) 1,2,3-Trichloropropane	11.079	75	80997	24.367	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	80997	54.049	ug/l #	5
88) 1,4-Dichlorobenzene	12.042	146	968	0.207	ug/l #	49
93) 1,2,4-Trichlorobenzene	13.591	180	598	0.206	ug/l	90

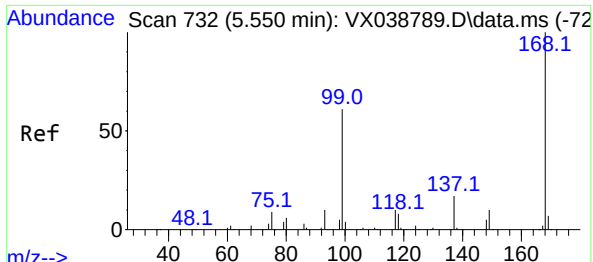
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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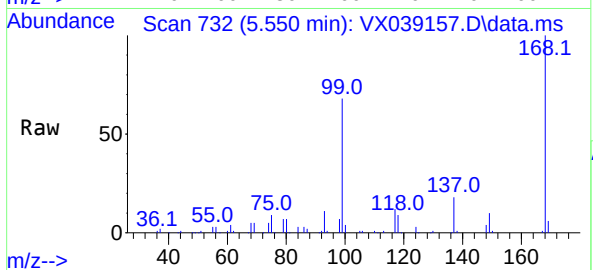
Quant Time: Dec 12 17:54:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



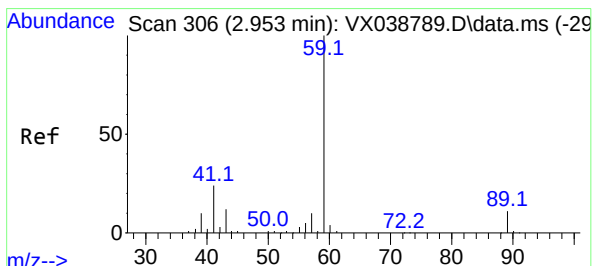
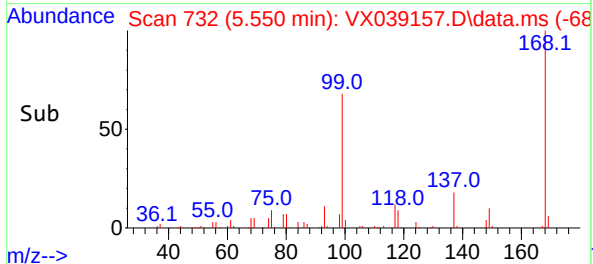
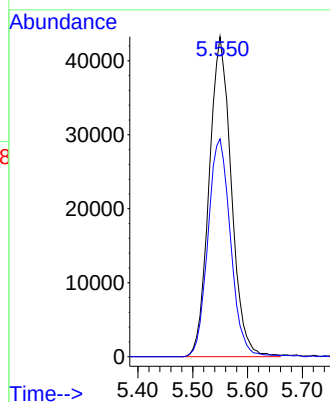


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20231207

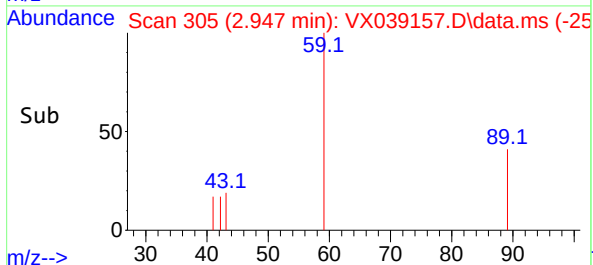
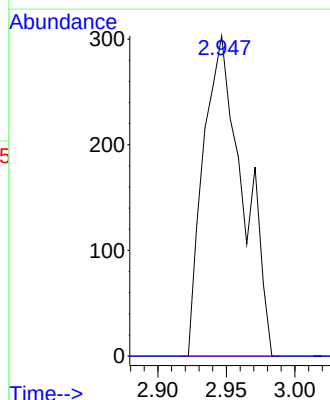
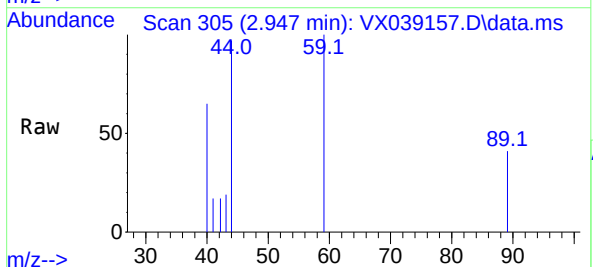


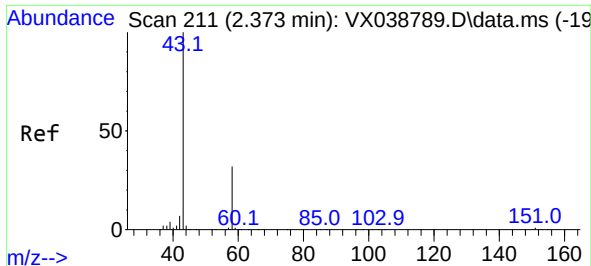
Tgt Ion:168 Resp: 121390
Ion Ratio Lower Upper
168 100
99 68.0 56.6 85.0



#11
Tert butyl alcohol
Concen: 1.119 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

Tgt Ion: 59 Resp: 609
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

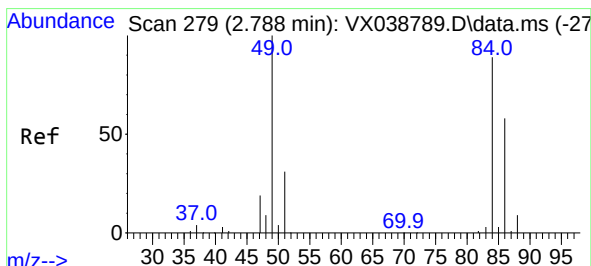
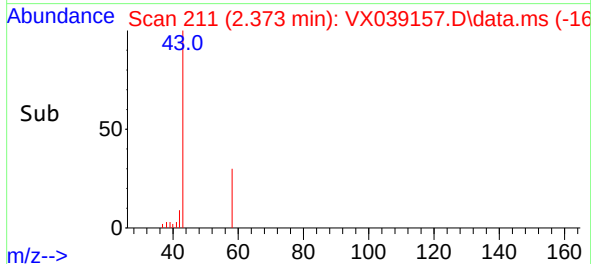
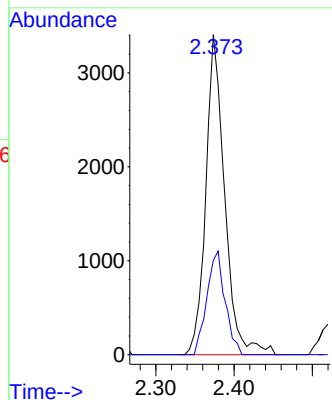
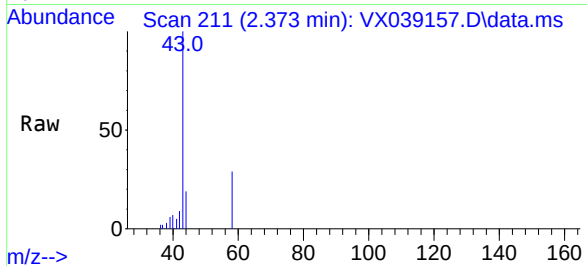




#16
Acetone
Concen: 5.470 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

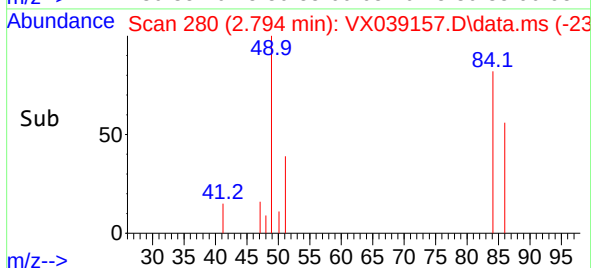
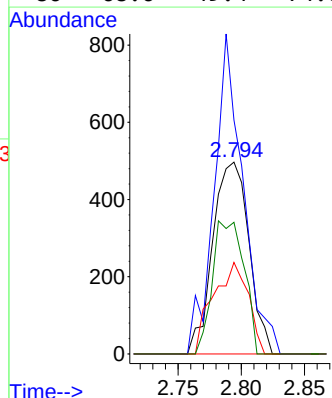
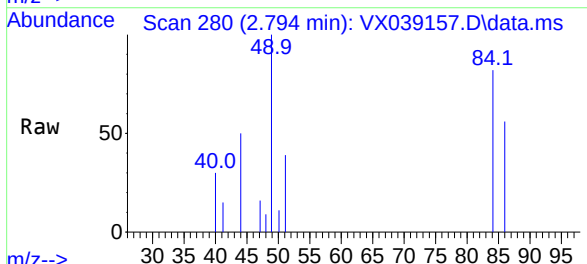
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20231207

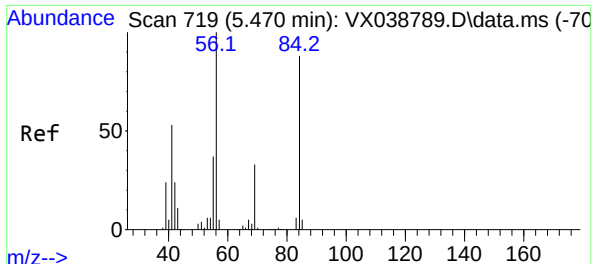
Tgt Ion: 43 Resp: 5696
Ion Ratio Lower Upper
43 100
58 29.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.525 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

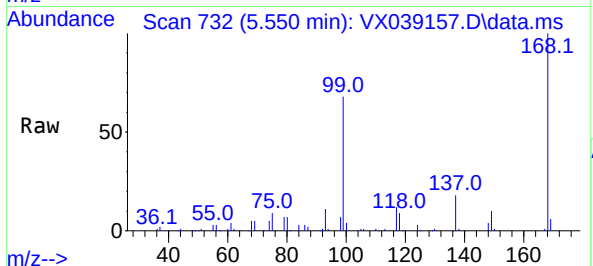
Tgt Ion: 84 Resp: 986
Ion Ratio Lower Upper
84 100
49 121.9 103.6 155.4
51 47.7 33.8 50.6
86 68.6 49.4 74.0



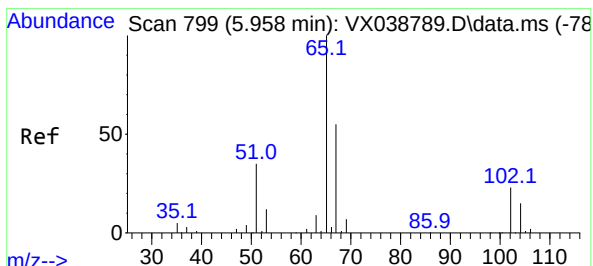
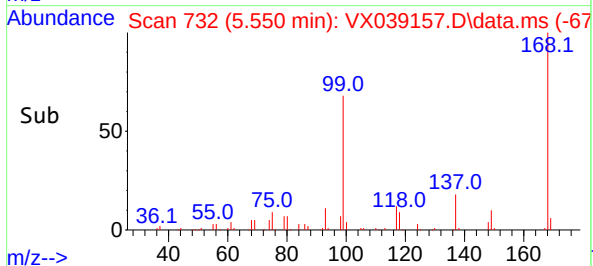
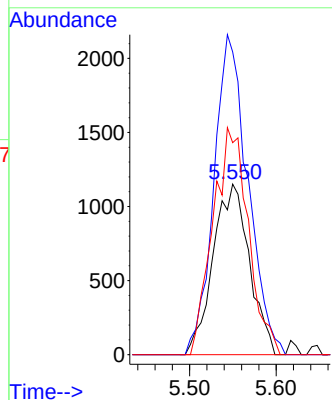


#31
Cyclohexane
Concen: 1.198 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20231207

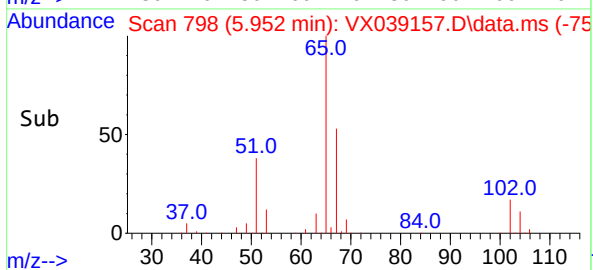
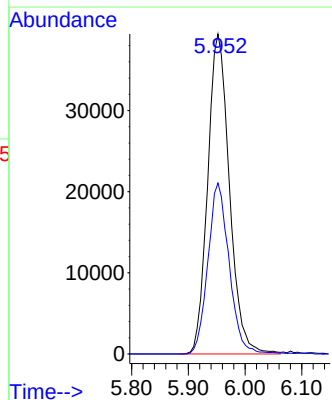
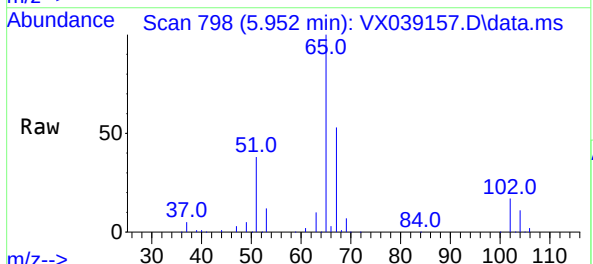


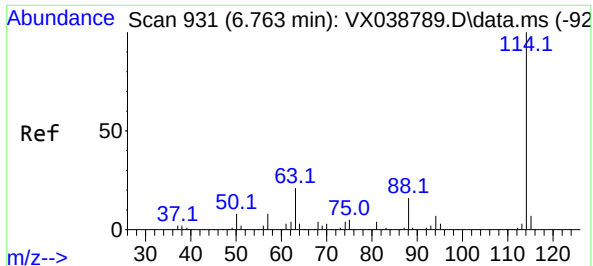
Tgt Ion: 56 Resp: 3347
Ion Ratio Lower Upper
56 100
69 177.5 23.4 35.2#
84 124.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 53.678 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

Tgt Ion: 65 Resp: 104994
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

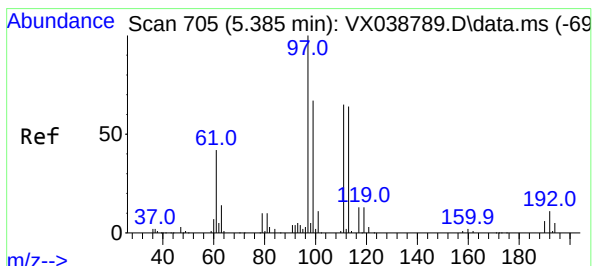
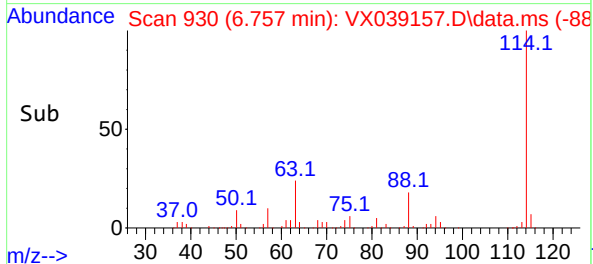
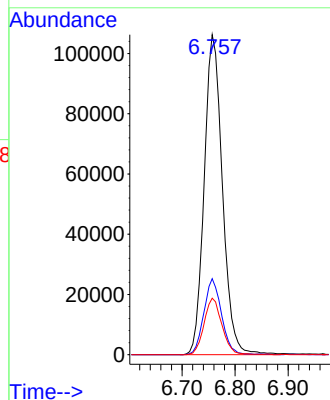
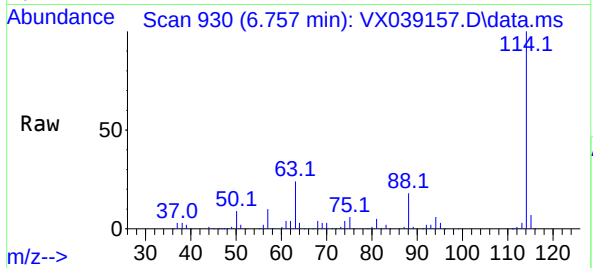




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

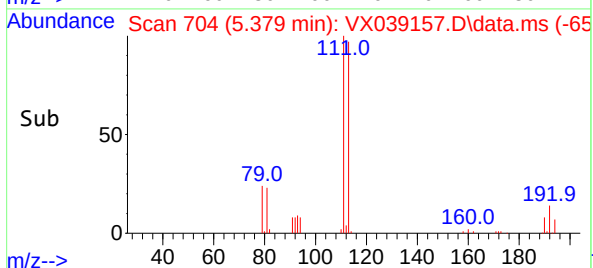
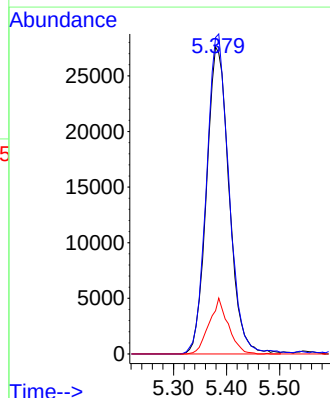
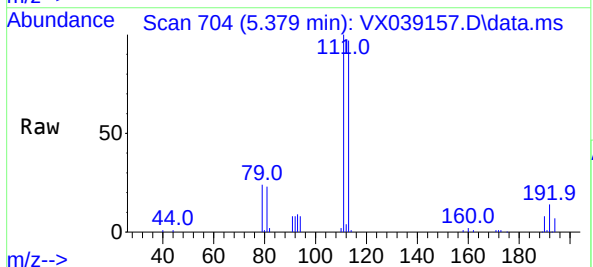
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20231207

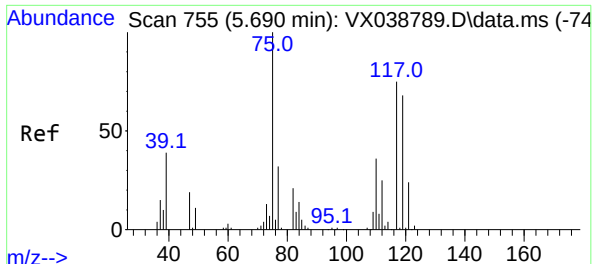
Tgt Ion:114 Resp: 253577
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.0
88 17.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.445 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

Tgt Ion:113 Resp: 81396
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 15.4 13.3 19.9

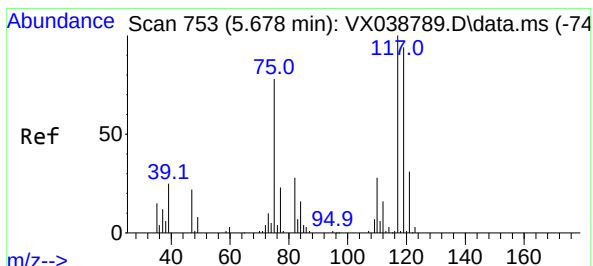
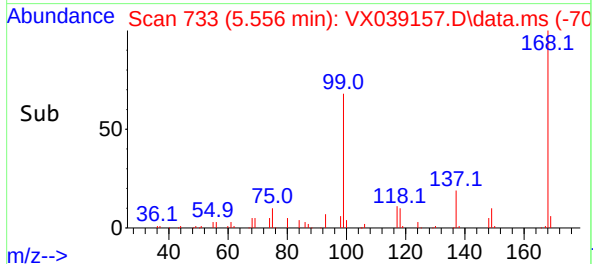
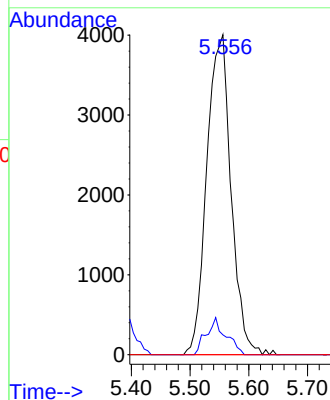
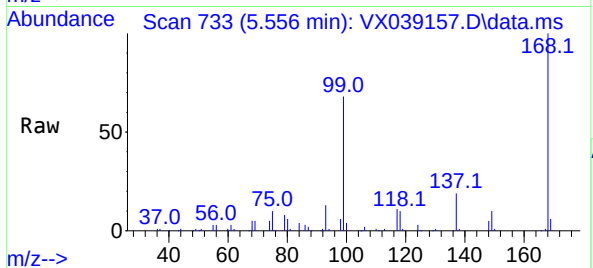




#36
1,1-Dichloropropene
Concen: 4.383 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

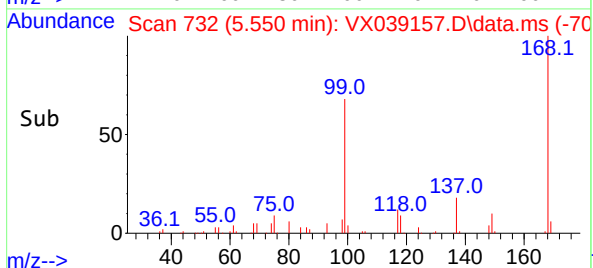
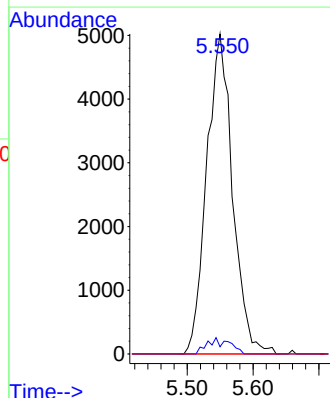
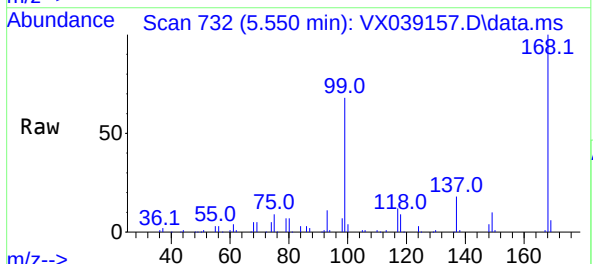
Instrument :
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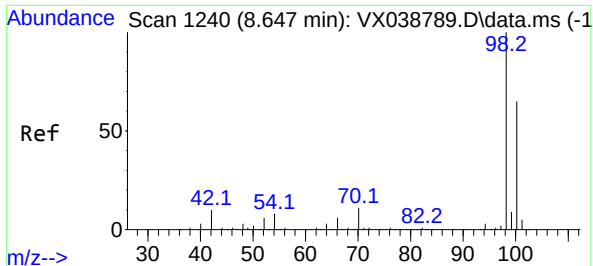
Tgt Ion: 75 Resp: 11505
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.672 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

Tgt Ion: 117 Resp: 13760
Ion Ratio Lower Upper
117 100
119 2.2 78.2 117.2#
121 0.0 24.4 36.6#

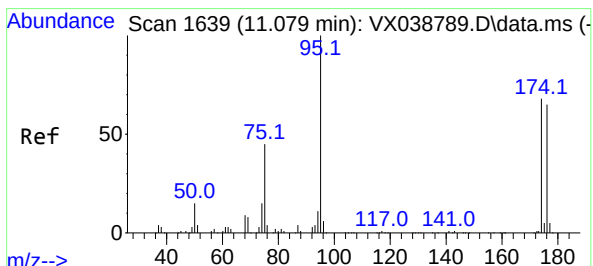
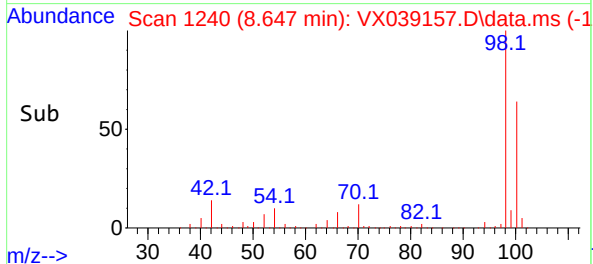
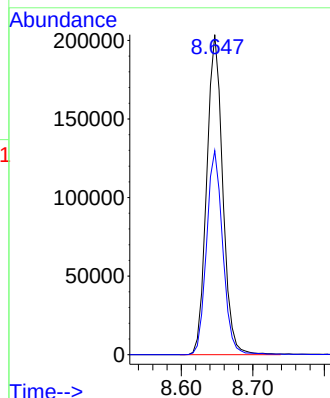
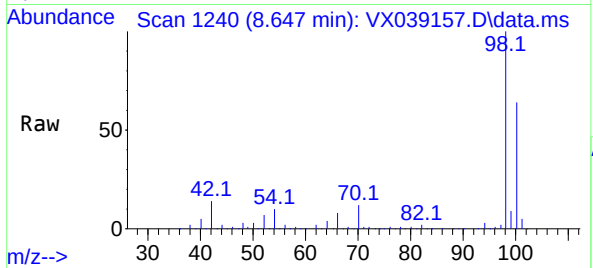




#50
Toluene-d8
Concen: 45.293 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

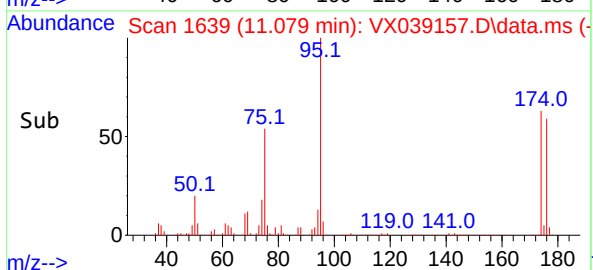
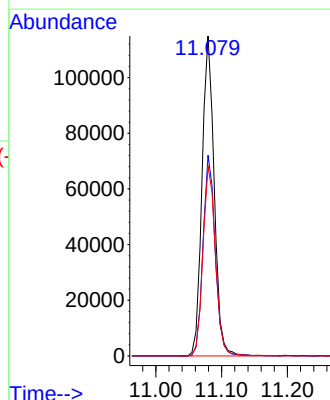
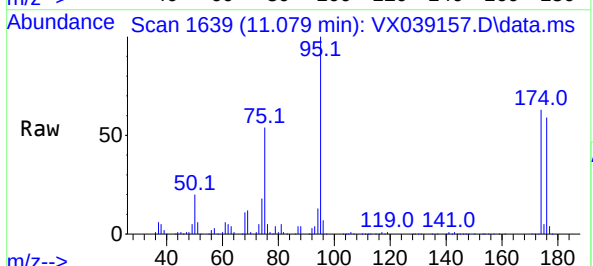
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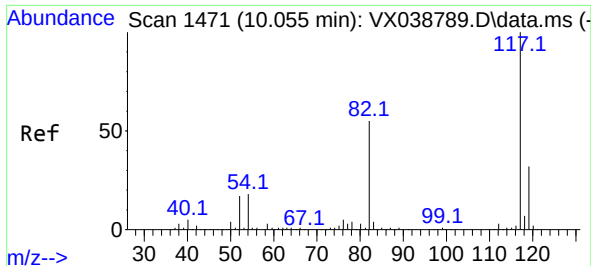
Tgt Ion: 98 Resp: 317371
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.765 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

Tgt Ion: 95 Resp: 148004
Ion Ratio Lower Upper
95 100
174 62.9 0.0 135.6
176 60.6 0.0 131.0

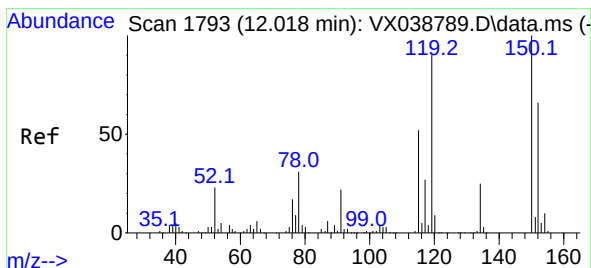
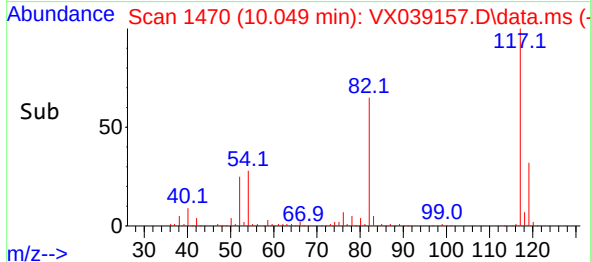
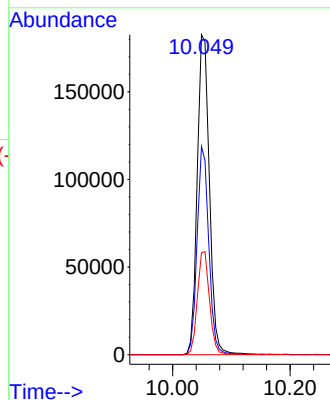
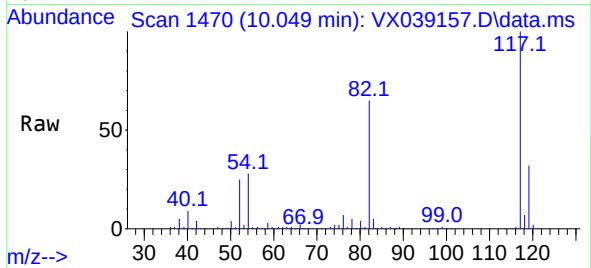




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

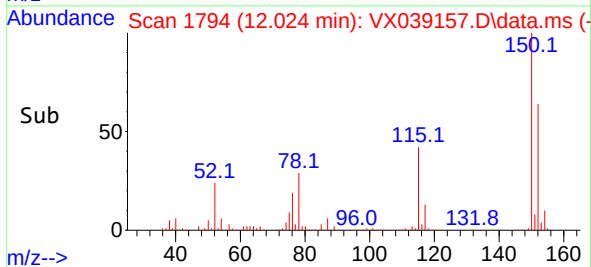
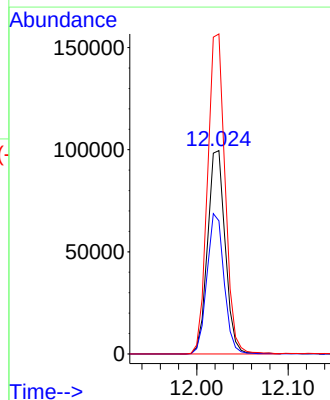
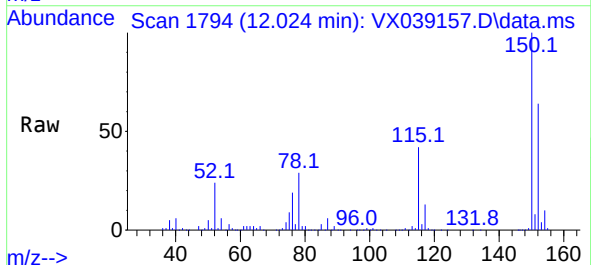
Instrument :
MSVOA_X
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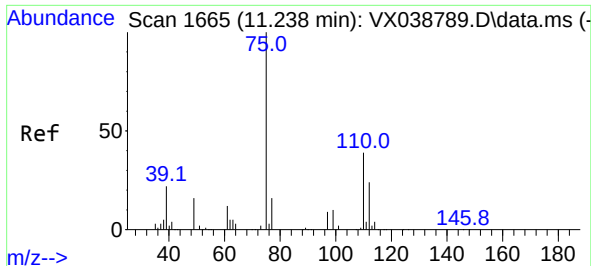
Tgt Ion:117 Resp: 263598
Ion Ratio Lower Upper
117 100
82 65.1 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

Tgt Ion:152 Resp: 133227
Ion Ratio Lower Upper
152 100
115 67.0 43.3 129.9
150 156.7 0.0 345.0

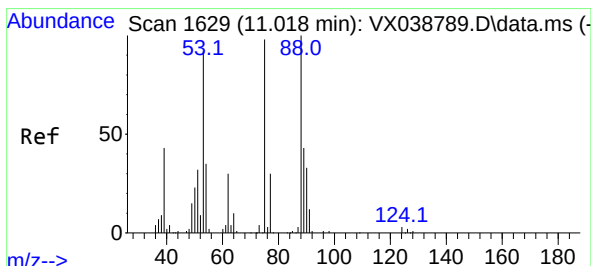
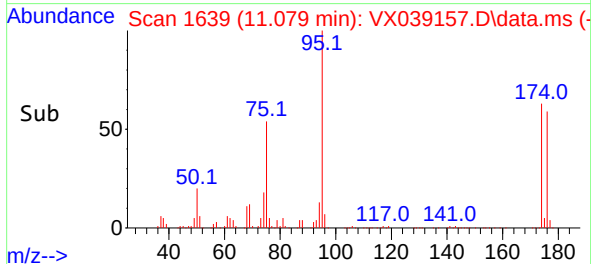
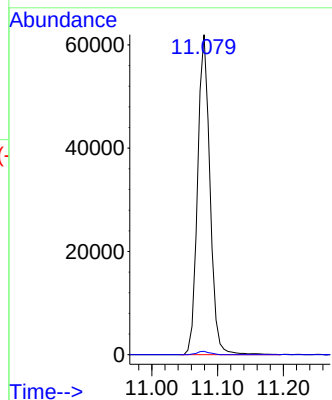
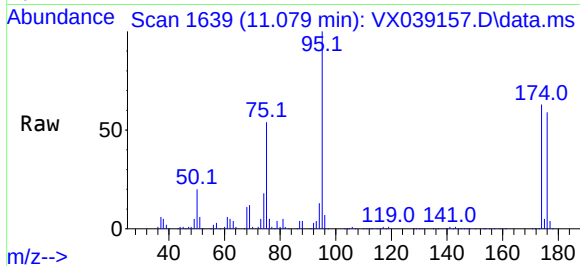




#76
1,2,3-Trichloropropane
Concen: 24.367 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

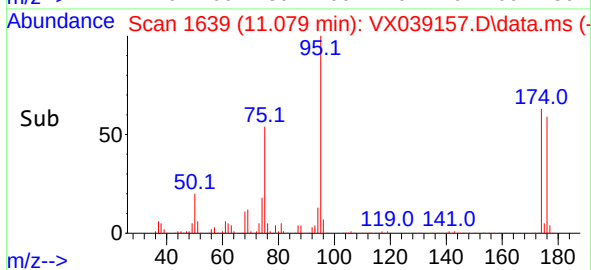
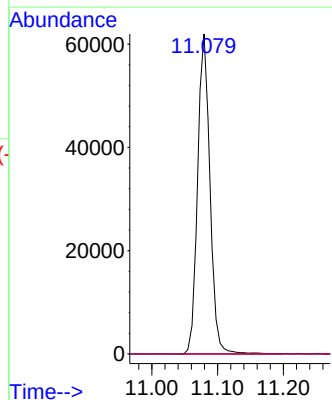
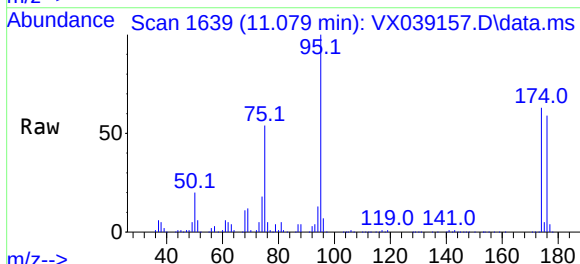
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20231207

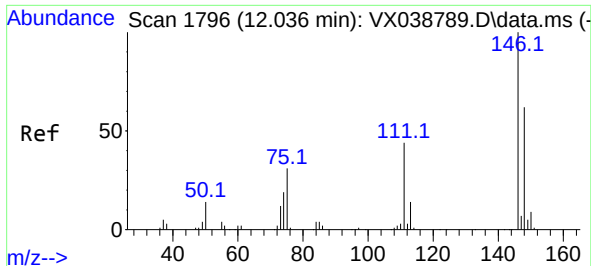
Tgt Ion: 75 Resp: 80997
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.049 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039157.D
Acq: 12 Dec 2023 11:26

Tgt Ion: 75 Resp: 80997
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#88

1,4-Dichlorobenzene

Concen: 0.207 ug/l

RT: 12.042 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039157.D

Acq: 12 Dec 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20231207

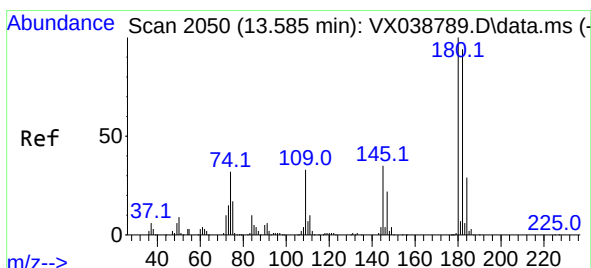
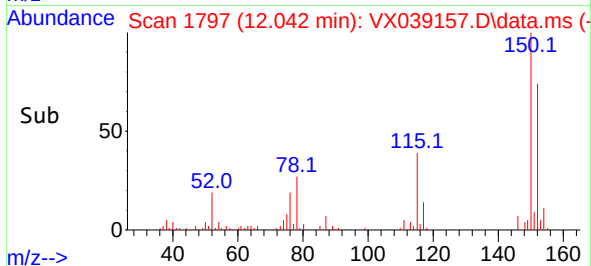
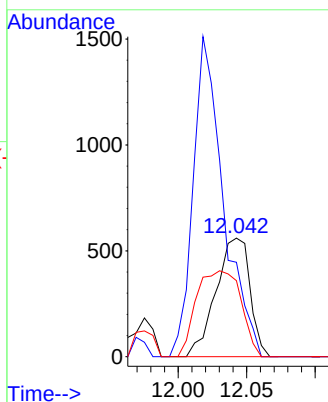
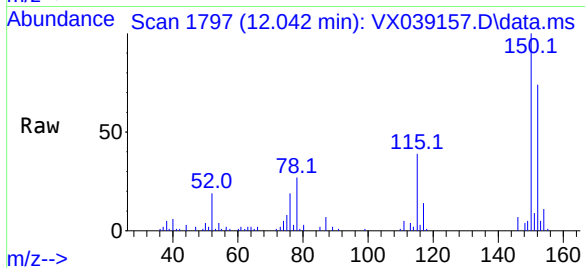
Tgt Ion:146 Resp: 968

Ion Ratio Lower Upper

146 100

111 0.0 21.3 63.7#

148 94.7 31.8 95.4



#93

1,2,4-Trichlorobenzene

Concen: 0.206 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039157.D

Acq: 12 Dec 2023 11:26

Tgt Ion:180 Resp: 598

Ion Ratio Lower Upper

180 100

182 92.0 48.3 144.8

145 21.2 18.0 54.0

