

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\
 Data File : VX037760.D
 Acq On : 15 Sep 2023 17:17
 Operator : JC/MD
 Sample : 04459-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20230914

Quant Time: Sep 16 05:47:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

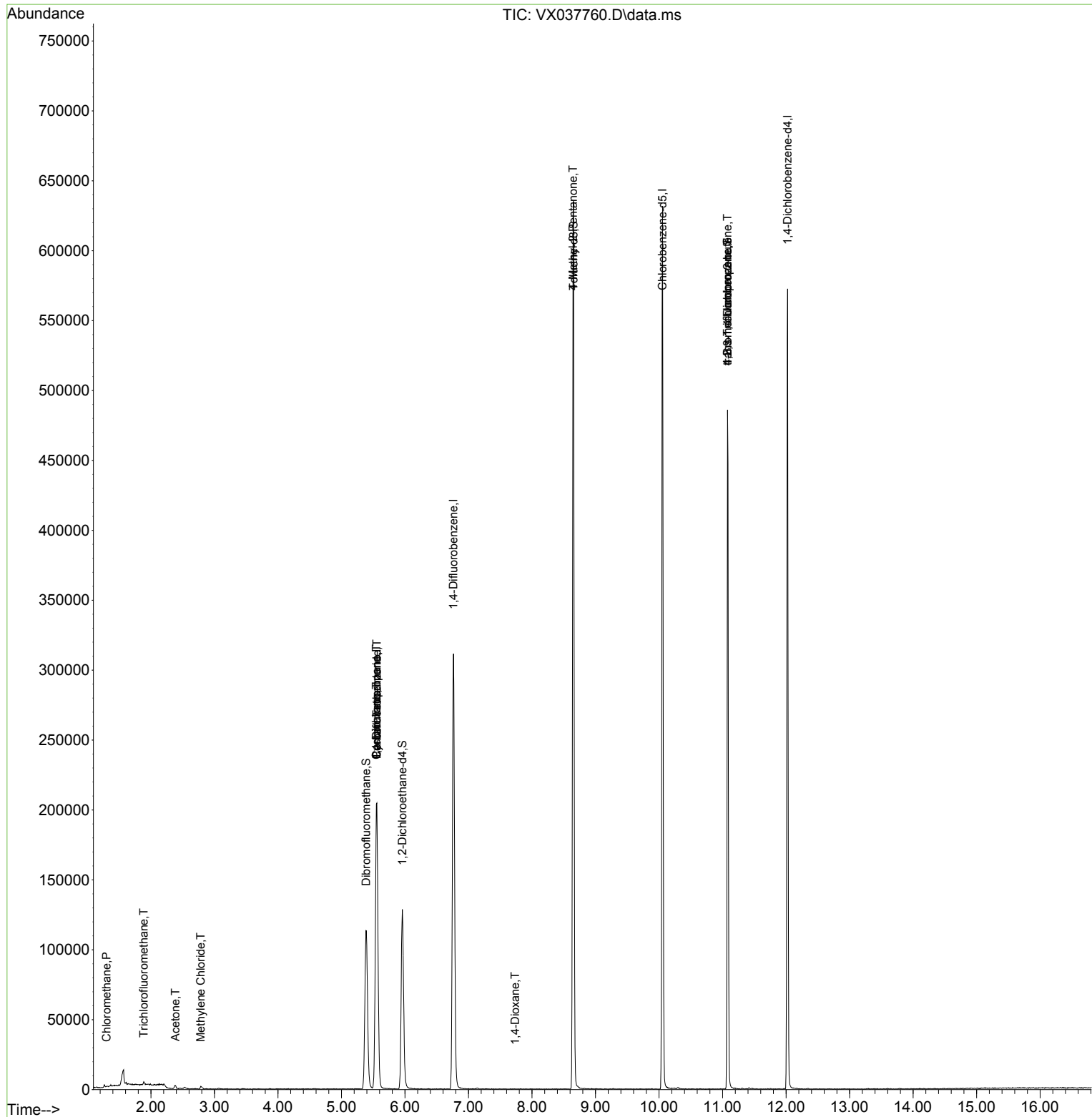
Internal Standards						
1) Pentafluorobenzene	5.556	168	198595	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	328422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	293215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	121119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	122923	47.111	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.220%
35) Dibromofluoromethane	5.385	113	101599	46.234	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.460%
50) Toluene-d8	8.653	98	390922	47.878	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.760%
62) 4-Bromofluorobenzene	11.079	95	129099	43.511	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.020%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	553	0.243	ug/l	# 78
7) Trichlorofluoromethane	1.886	101	839	0.212	ug/l	96
16) Acetone	2.386	43	2583	2.058	ug/l	93
20) Methylene Chloride	2.782	84	986	0.400	ug/l	# 65
31) Cyclohexane	5.550	56	4081	1.219	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	15304	5.056	ug/l	# 50
38) Carbon Tetrachloride	5.556	117	19967	6.304	ug/l	# 15
49) 1,4-Dioxane	7.732	88	20	0.300	ug/l	# 12
51) 4-Methyl-2-Pentanone	8.647	43	1694	0.502	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	65459	23.367	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	65459	74.853	ug/l	# 5

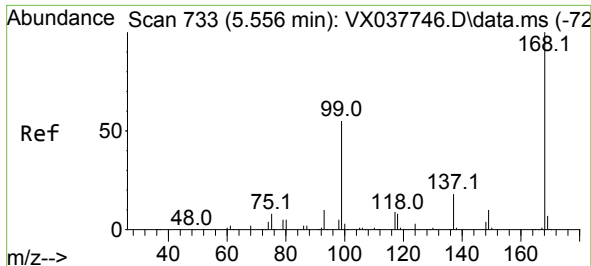
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091523\  
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Sample    : 04459-01  
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ALS Vial  : 20    Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
TB-20230914

Quant Time: Sep 16 05:47:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
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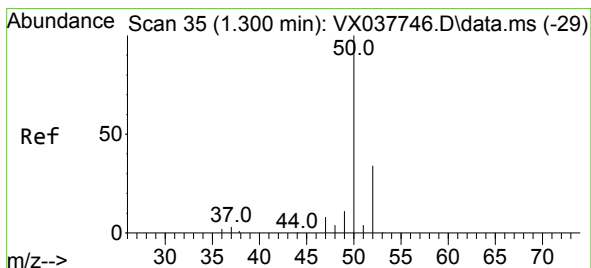
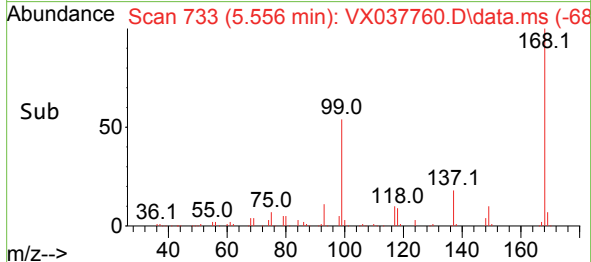
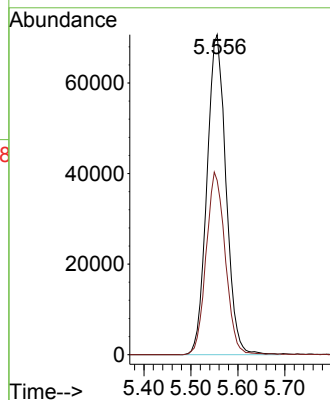
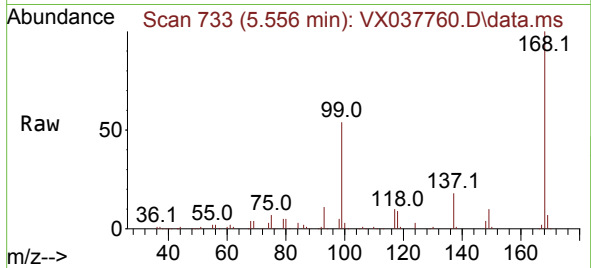




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

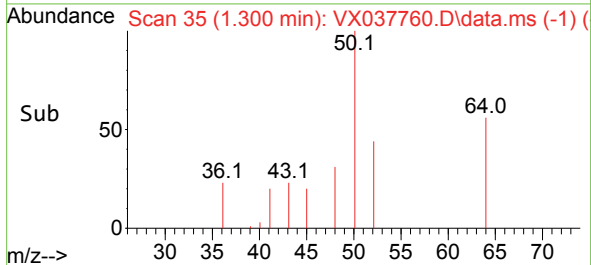
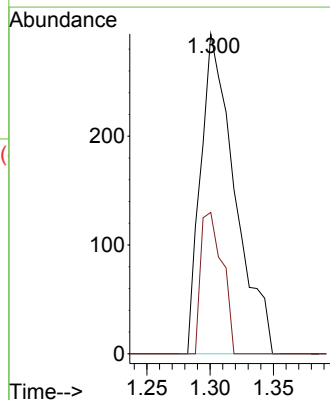
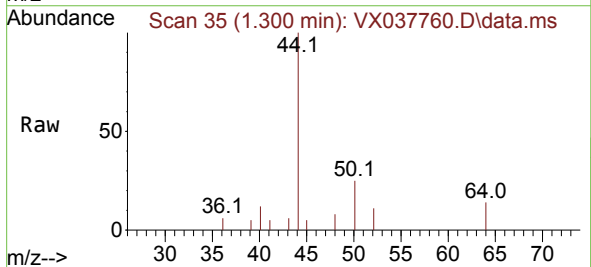
Instrument :
MSVOA_X
ClientSampleId :
TB-20230914

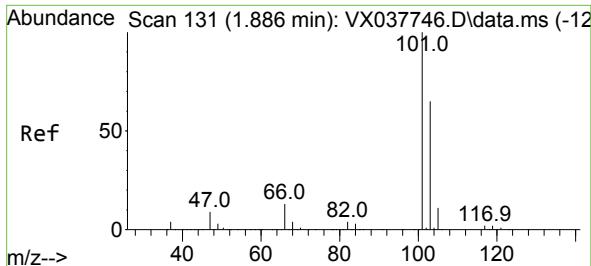
Tgt Ion:168 Resp: 198595
Ion Ratio Lower Upper
168 100
99 54.5 56.6 85.0#



#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

Tgt Ion: 50 Resp: 553
Ion Ratio Lower Upper
50 100
52 44.2 25.5 38.3#

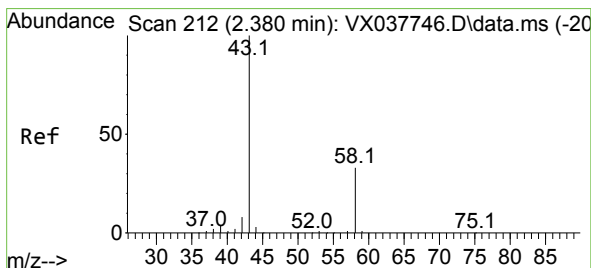
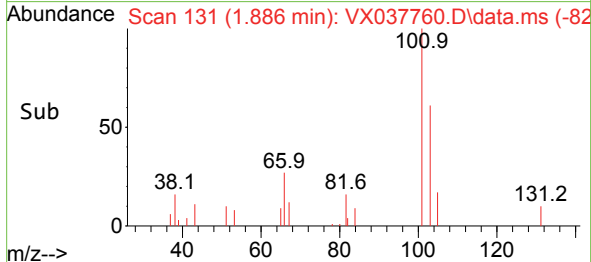
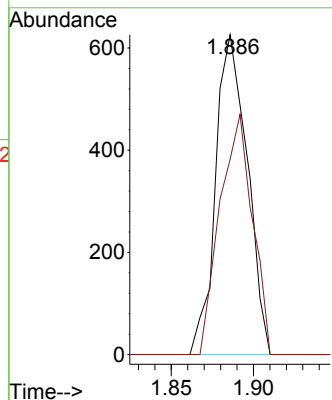
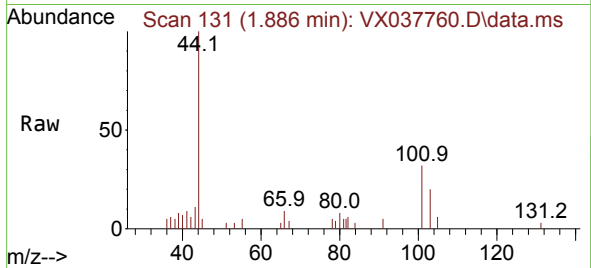




#7
Trichlorofluoromethane
Concen: 0.212 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

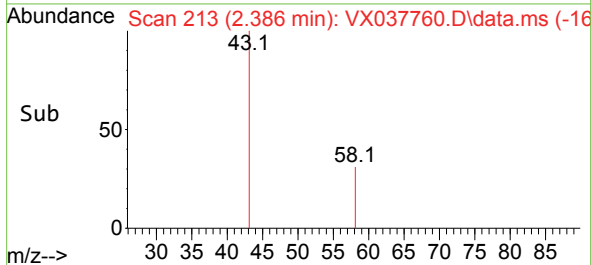
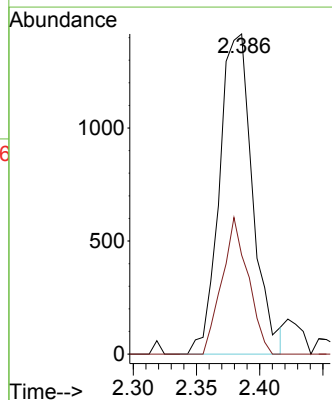
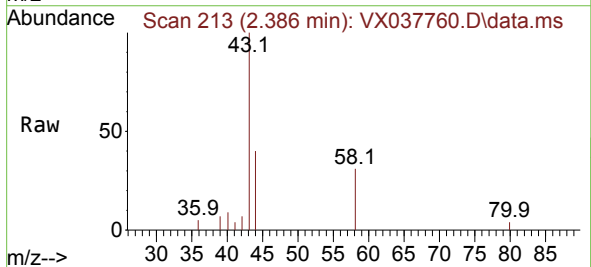
Instrument :
MSVOA_X
ClientSampleId :
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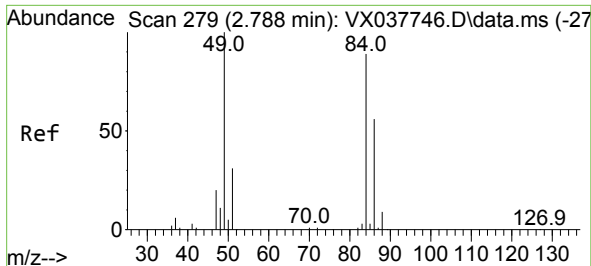
Tgt Ion:101 Resp: 839
Ion Ratio Lower Upper
101 100
103 61.0 51.4 77.2



#16
Acetone
Concen: 2.058 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

Tgt Ion: 43 Resp: 2583
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9

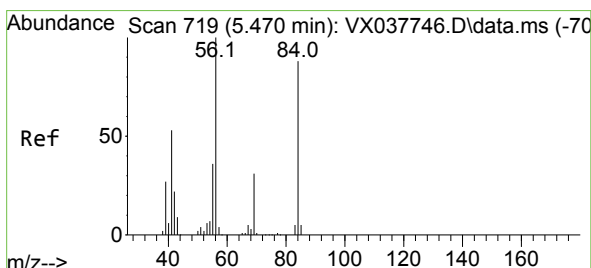
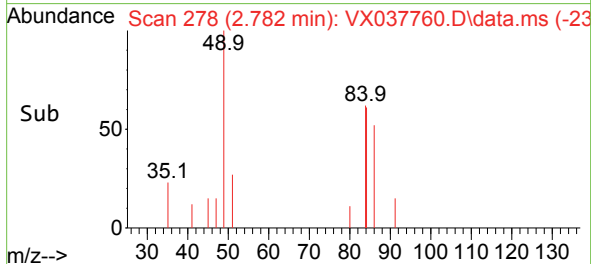
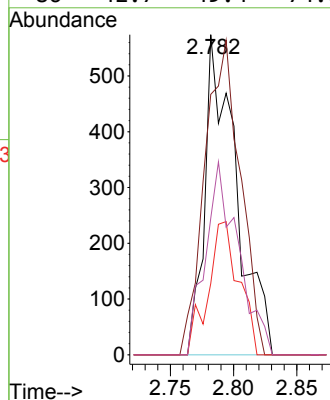
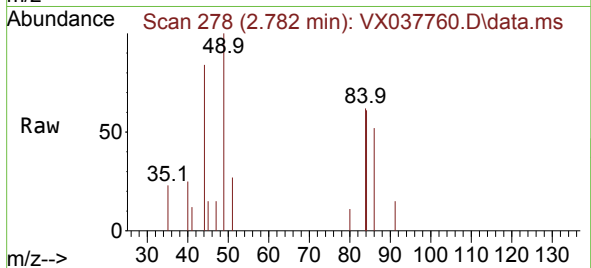




#20
Methylene Chloride
Concen: 0.400 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

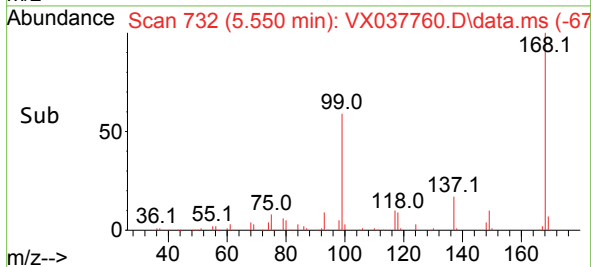
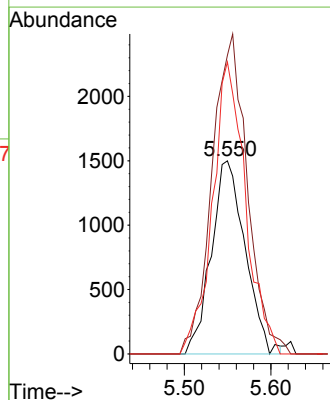
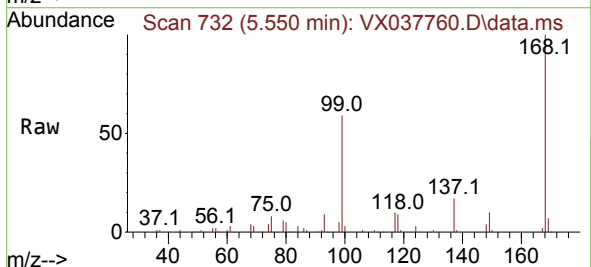
Instrument :
MSVOA_X
ClientSampleId :
TB-20230914

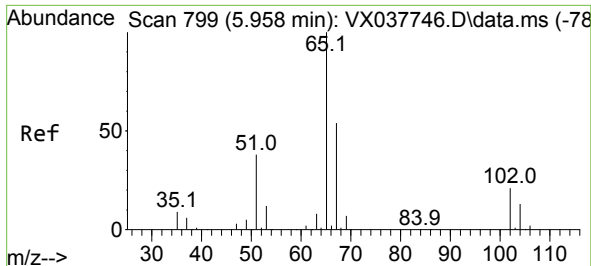
Tgt Ion:	84	Resp:	986
Ion	Ratio	Lower	Upper
84	100		
49	81.4	103.6	155.4#
51	22.3	33.8	50.6#
86	42.7	49.4	74.0#



#31
Cyclohexane
Concen: 1.219 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

Tgt Ion:	56	Resp:	4081
Ion	Ratio	Lower	Upper
56	100		
69	154.7	23.4	35.2#
84	151.3	65.9	98.9#

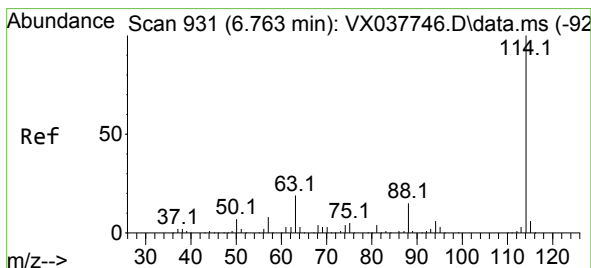
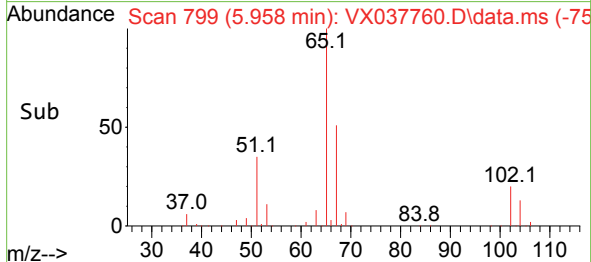
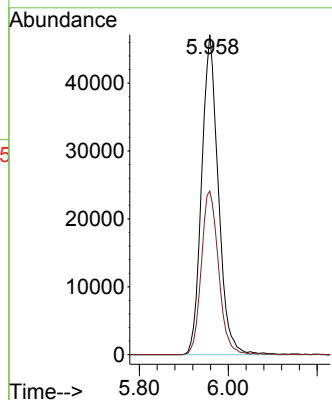
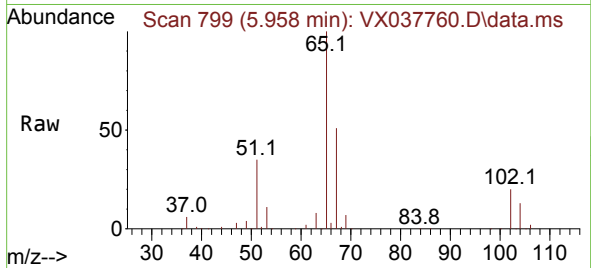




#33
1,2-Dichloroethane-d4
Concen: 47.111 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

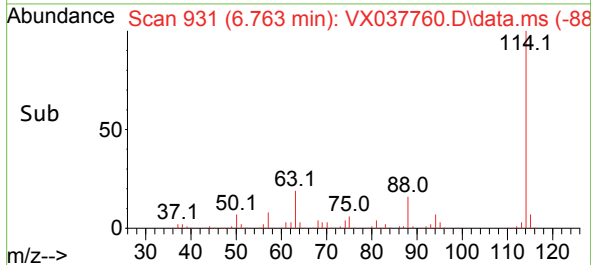
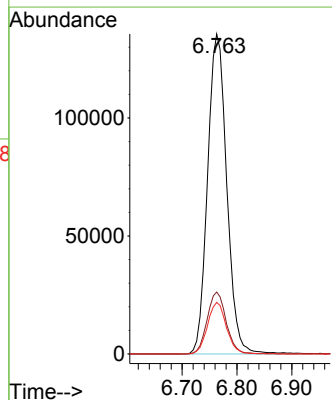
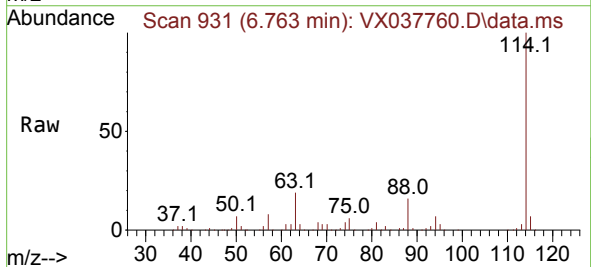
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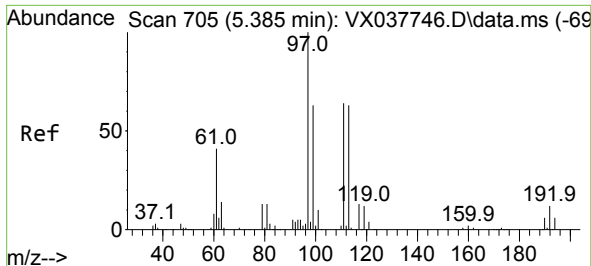
Tgt Ion: 65 Resp: 122923
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

Tgt Ion:114 Resp: 328422
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 16.1 0.0 36.6

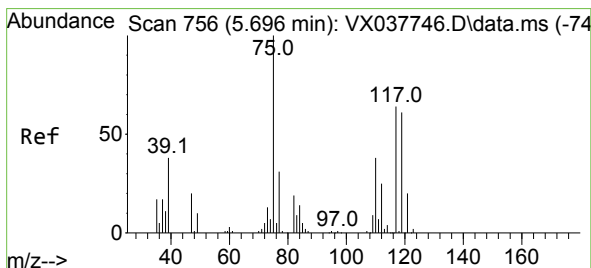
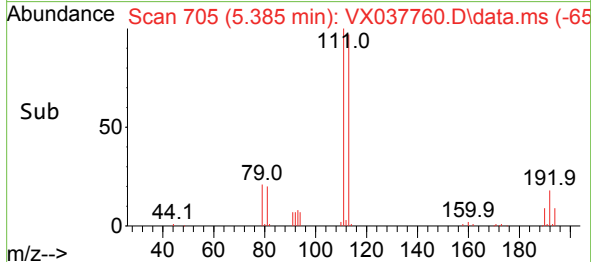
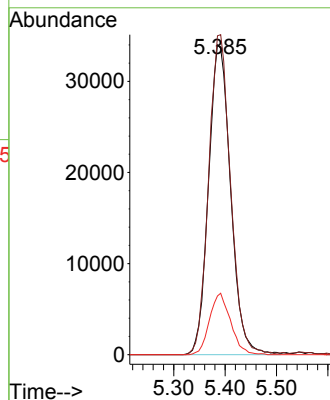
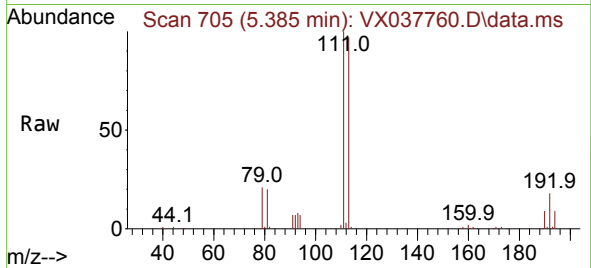




#35
Dibromofluoromethane
Concen: 46.234 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

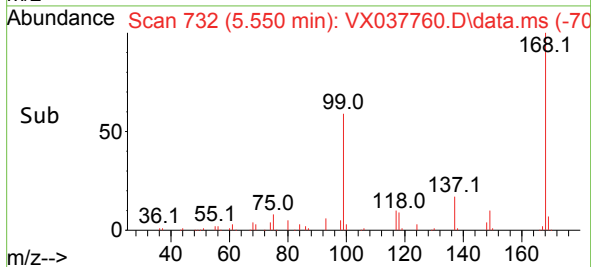
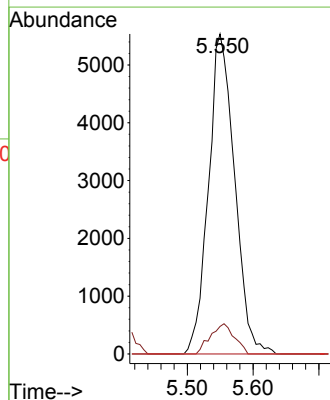
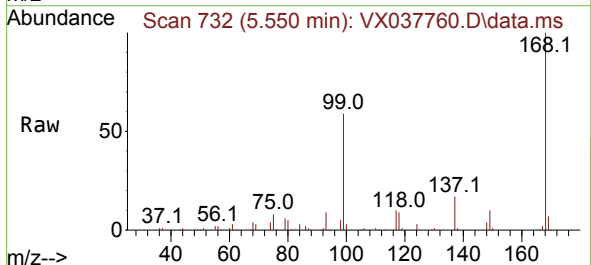
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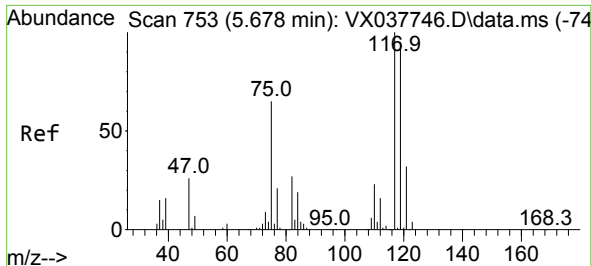
Tgt Ion:113 Resp: 101599
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 19.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.056 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

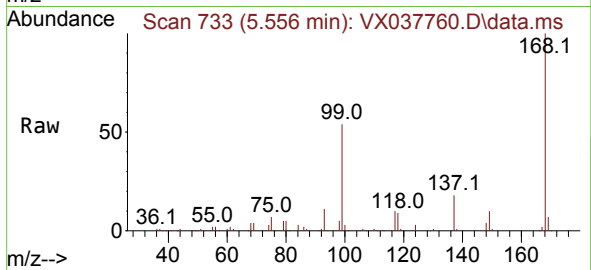
Tgt Ion: 75 Resp: 15304
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



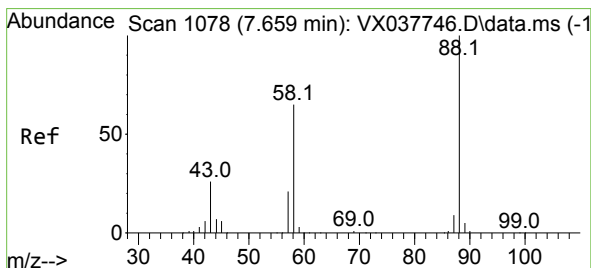
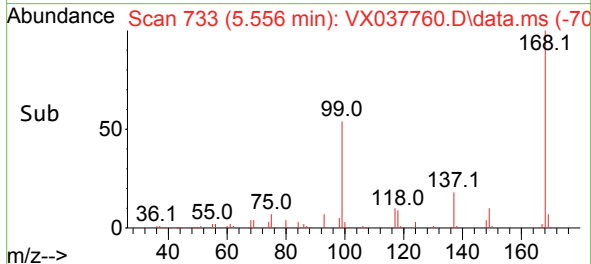
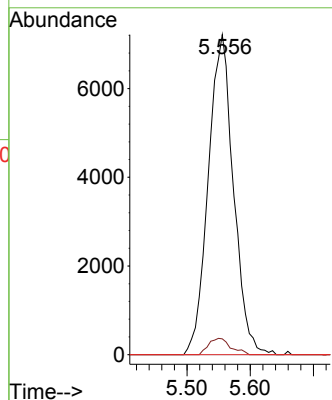


#38
Carbon Tetrachloride
Concen: 6.304 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
TB-20230914

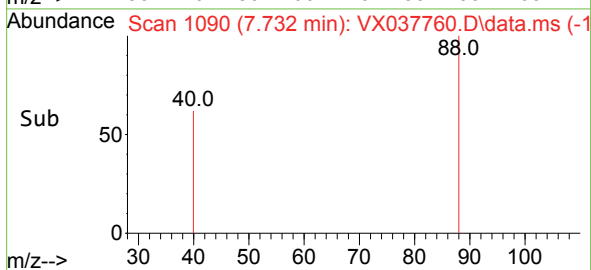
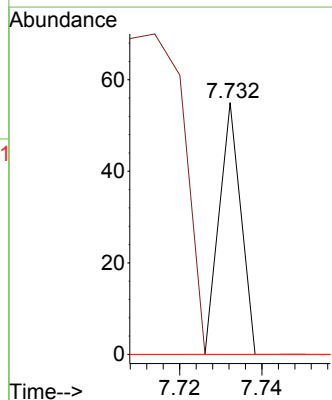
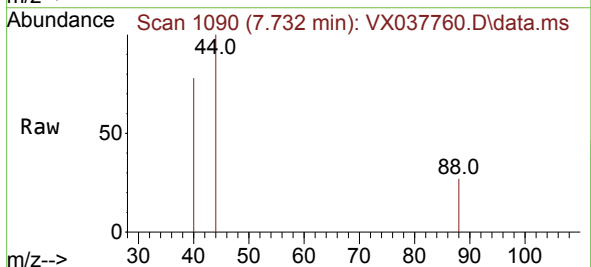


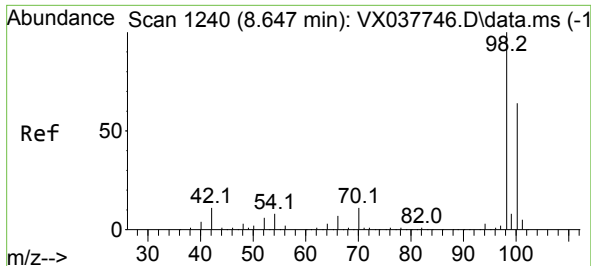
Tgt Ion:117 Resp: 19967
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.300 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.061 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 365.0 0.0 0.0#
58 0.0 60.1 90.1#

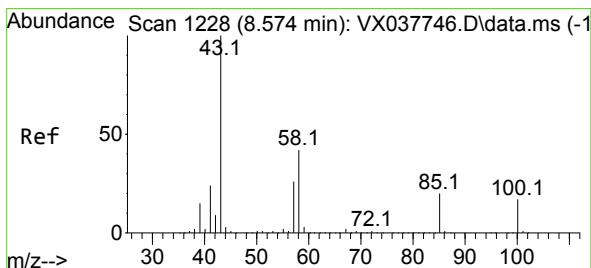
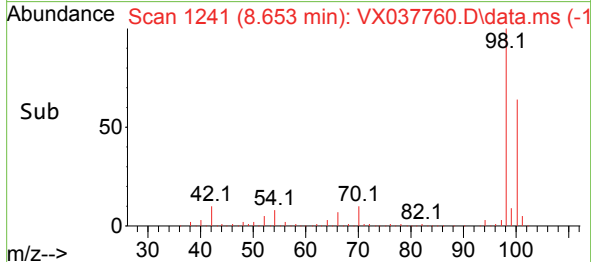
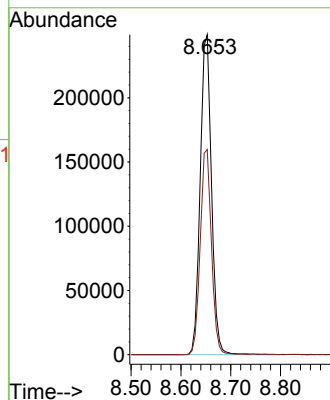
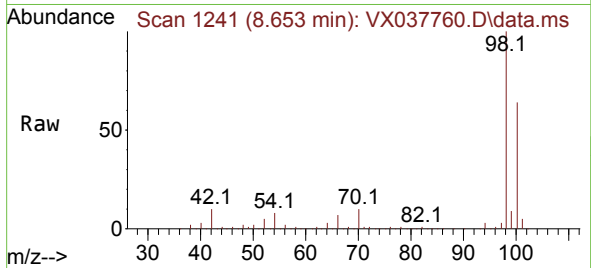




#50
Toluene-d8
Concen: 47.878 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

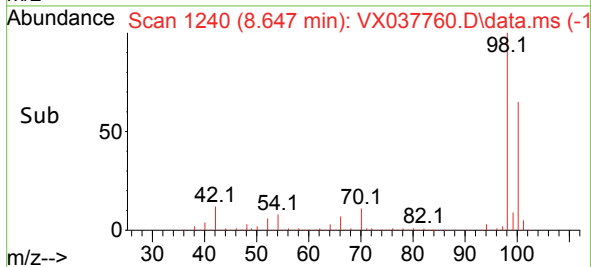
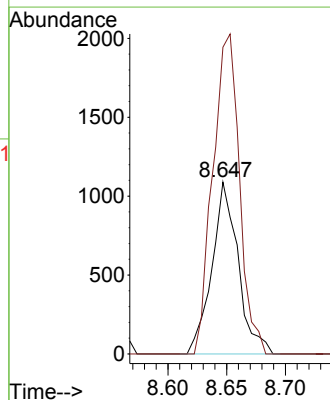
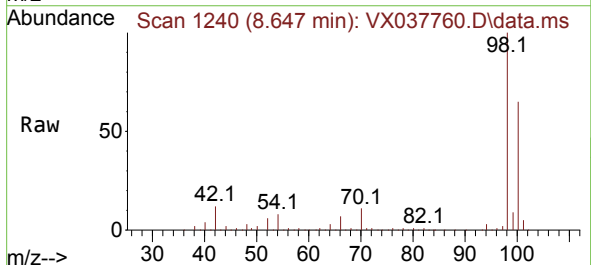
Instrument :
MSVOA_X
ClientSampleId :
TB-20230914

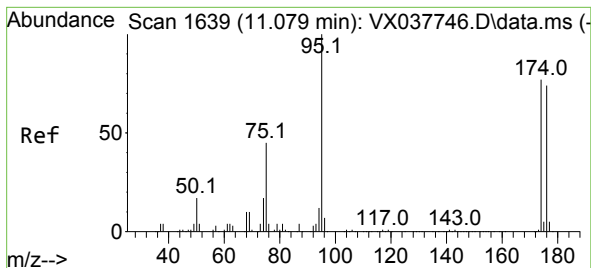
Tgt Ion: 98 Resp: 390922
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.502 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
58 189.1 30.4 45.6#

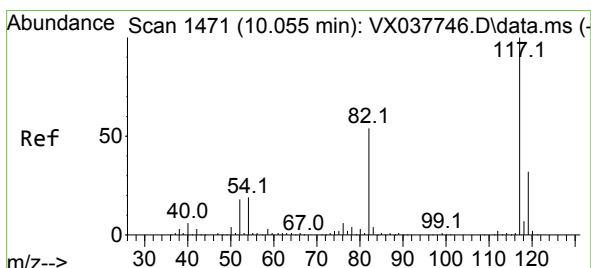
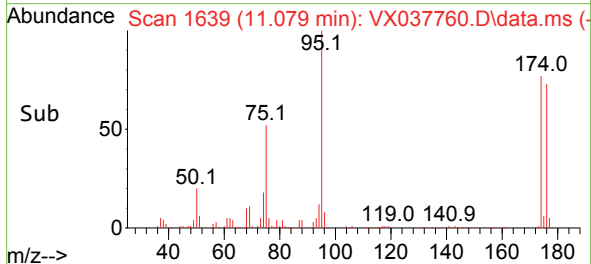
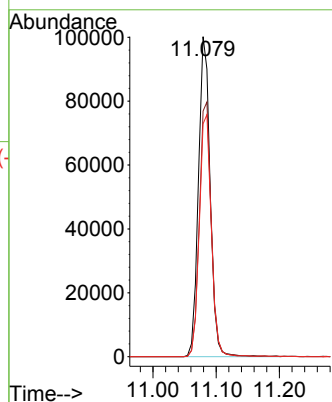
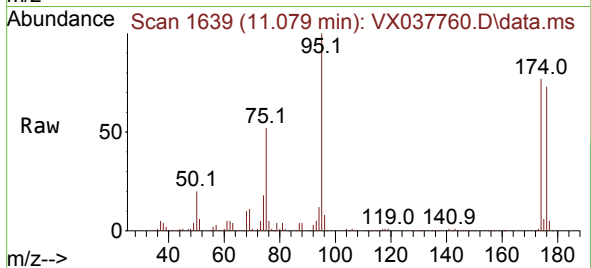




#62
4-Bromofluorobenzene
Concen: 43.511 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

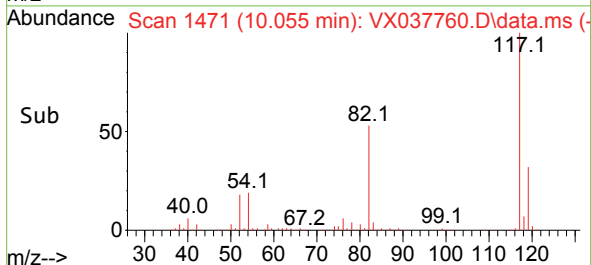
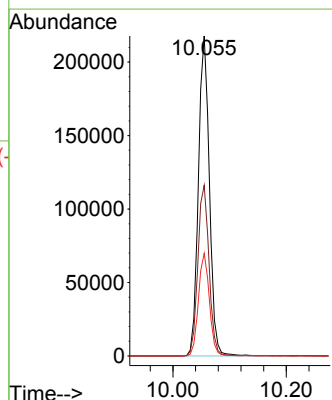
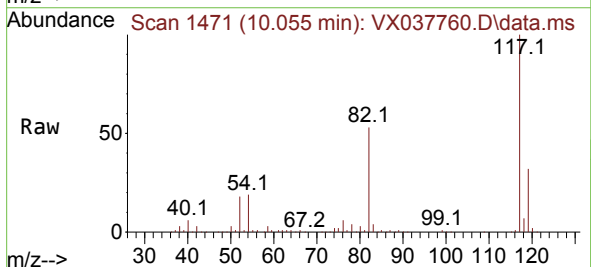
Instrument :
MSVOA_X
ClientSampleId :
TB-20230914

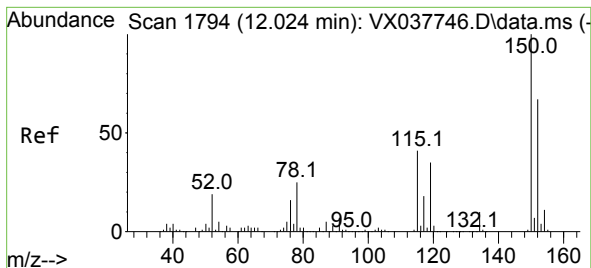
Tgt Ion: 95 Resp: 129099
Ion Ratio Lower Upper
95 100
174 81.3 0.0 135.6
176 77.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

Tgt Ion: 117 Resp: 293215
Ion Ratio Lower Upper
117 100
82 53.3 46.2 69.4
119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037760.D

Acq: 15 Sep 2023 17:17

Instrument :

MSVOA_X

ClientSampleId :

TB-20230914

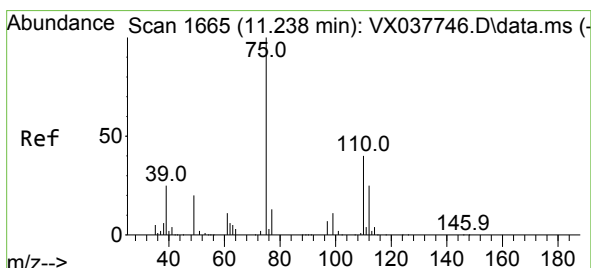
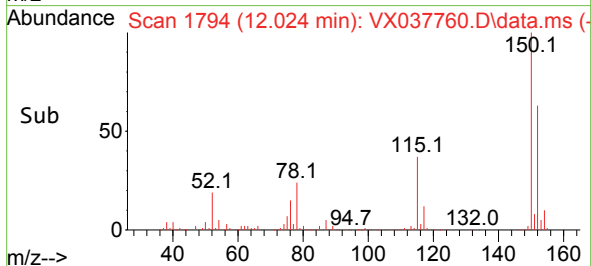
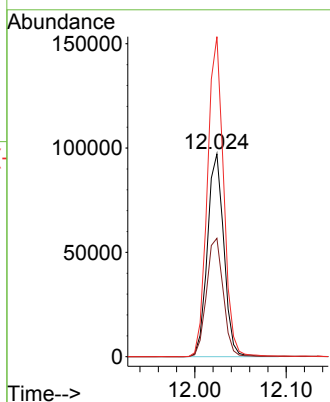
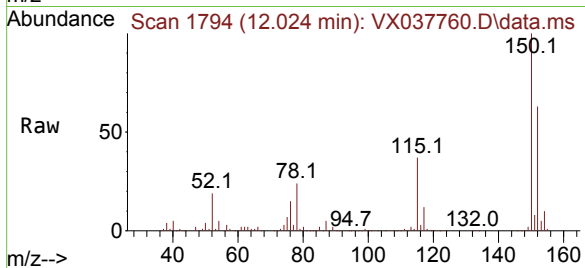
Tgt Ion:152 Resp: 121119

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 155.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.367 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037760.D

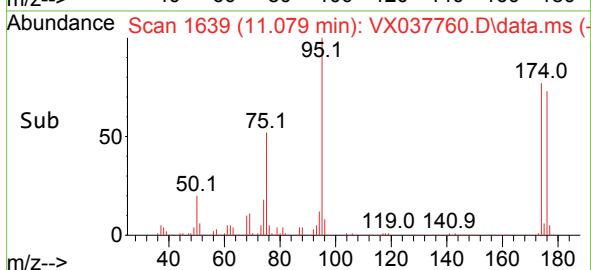
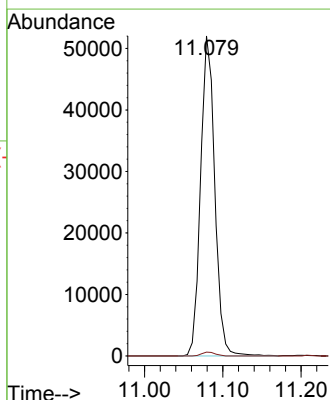
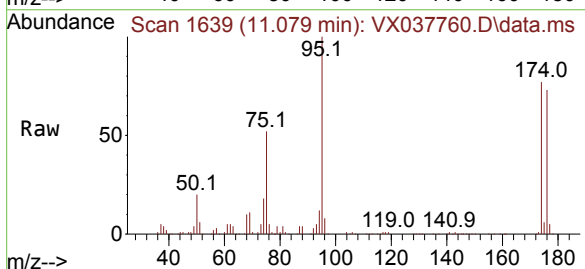
Acq: 15 Sep 2023 17:17

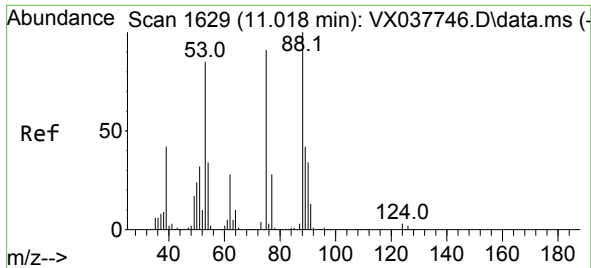
Tgt Ion: 75 Resp: 65459

Ion Ratio Lower Upper

75 100

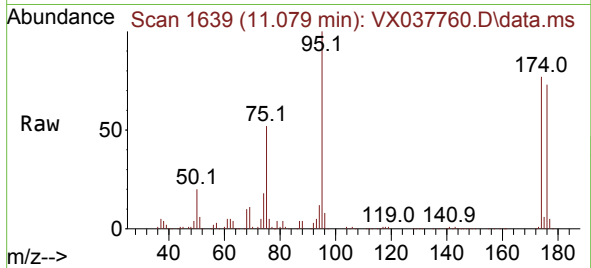
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.853 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037760.D
Acq: 15 Sep 2023 17:17

Instrument :
MSVOA_X
ClientSampleId :
TB-20230914



Tgt Ion: 75 Resp: 65459
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

