

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083023\
 Data File : VX037387.D
 Acq On : 30 Aug 2023 14:28
 Operator : JC/MD
 Sample : 04229-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-082923

Quant Time: Aug 31 02:23:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	139751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	230129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84325	41.854	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.700%
35) Dibromofluoromethane	5.385	113	69159	45.377	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.760%
50) Toluene-d8	8.647	98	266122	48.137	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.280%
62) 4-Bromofluorobenzene	11.079	95	93013	42.812	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.620%

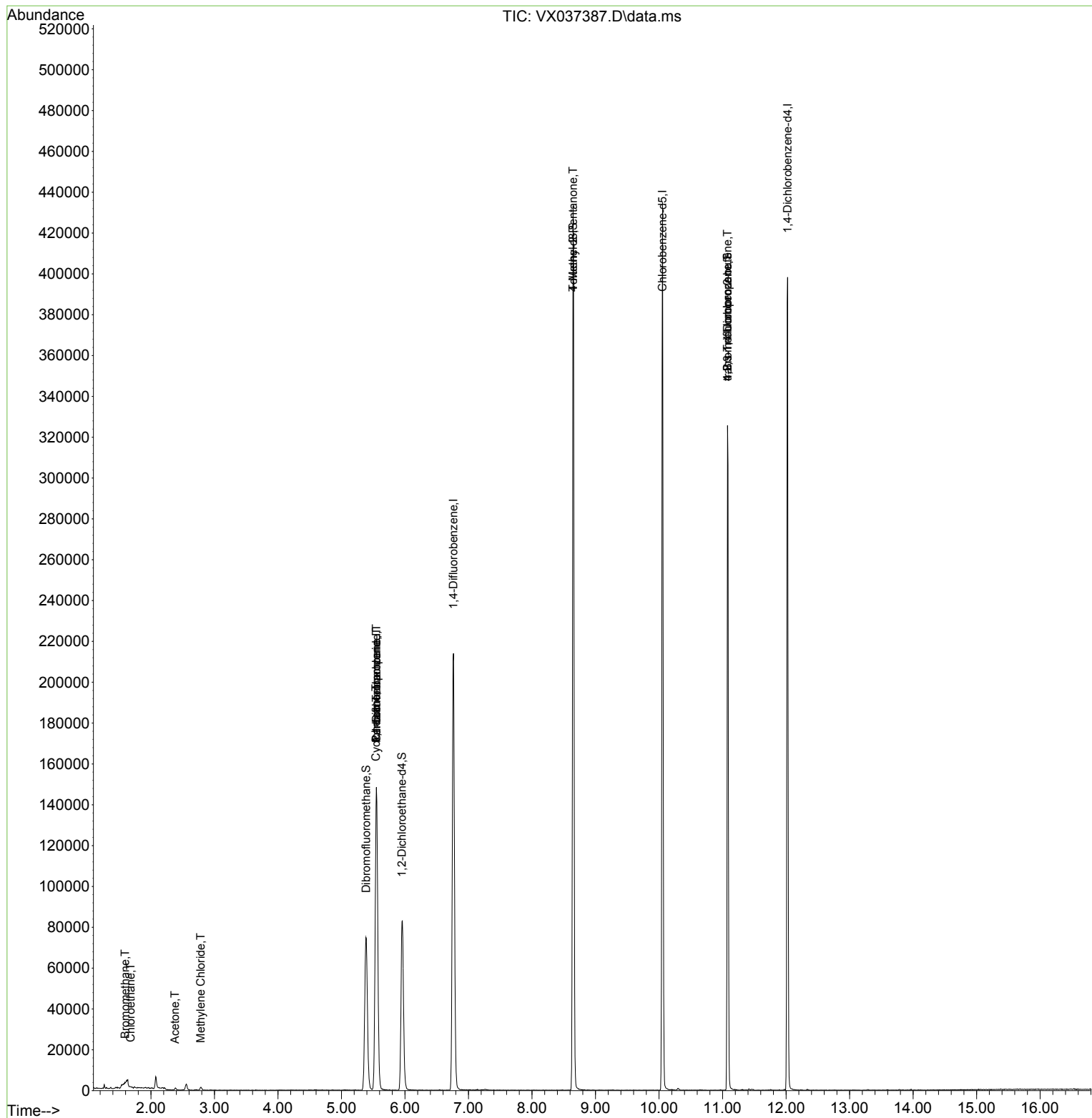
Target Compounds					Qvalue	
5) Bromomethane	1.593	94	226	0.293	ug/l #	54
6) Chloroethane	1.678	64	187	0.206	ug/l #	43
16) Acetone	2.380	43	1083	1.374	ug/l #	80
20) Methylene Chloride	2.782	84	792	0.449	ug/l #	73
31) Cyclohexane	5.544	56	2632	1.162	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10940	5.052	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14895	6.333	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	955	0.448	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46235	25.556	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	46235	71.379	ug/l #	5

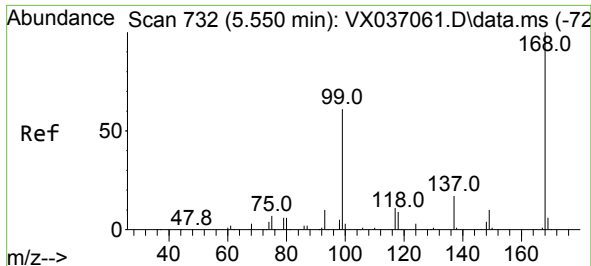
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

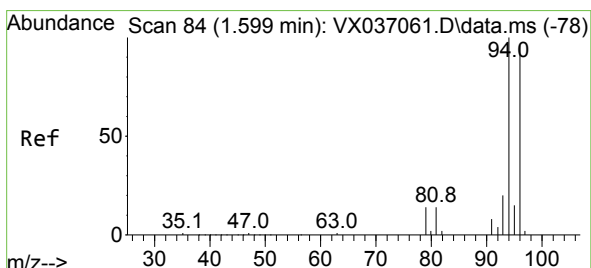
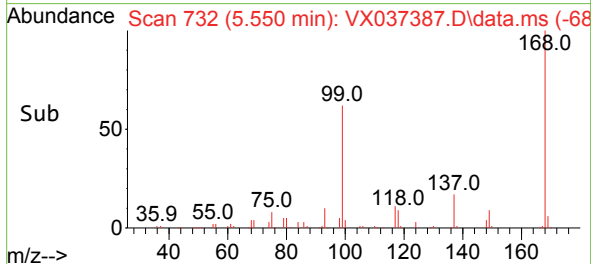
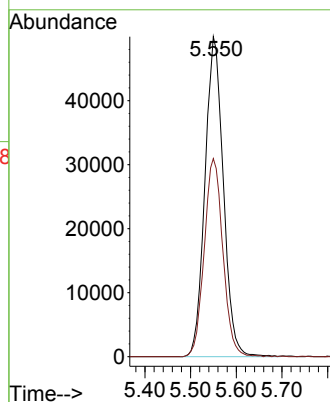
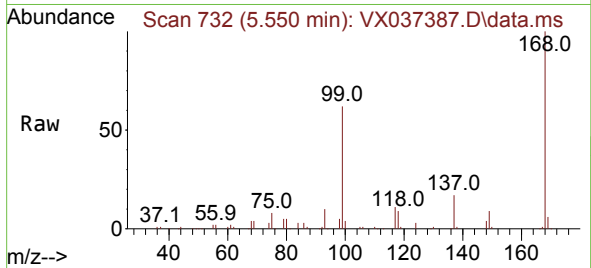




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

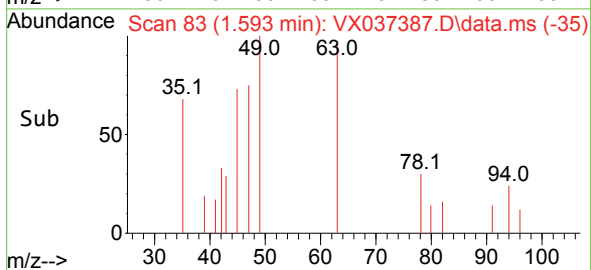
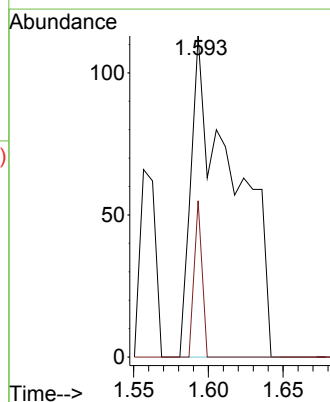
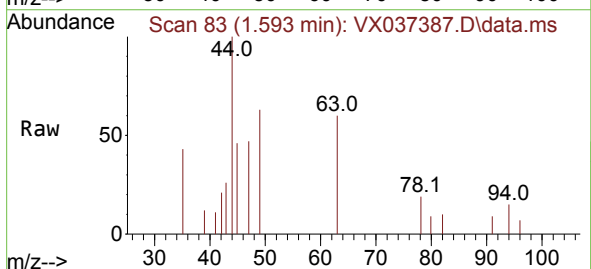
Instrument :
MSVOA_X
ClientSampleId :
TB-01-082923

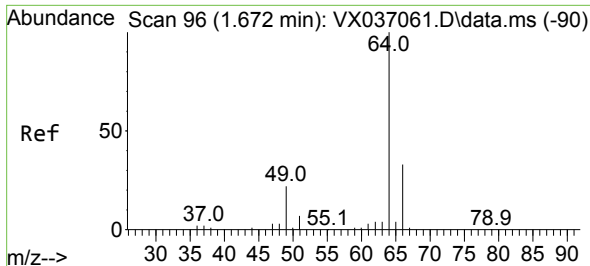
Tgt Ion:168 Resp: 139751
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#5
Bromomethane
Concen: 0.293 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

Tgt Ion: 94 Resp: 226
Ion Ratio Lower Upper
94 100
96 48.7 74.6 111.8#

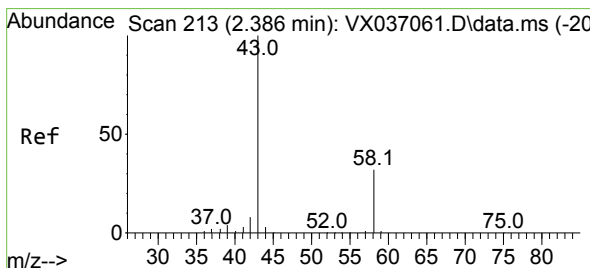
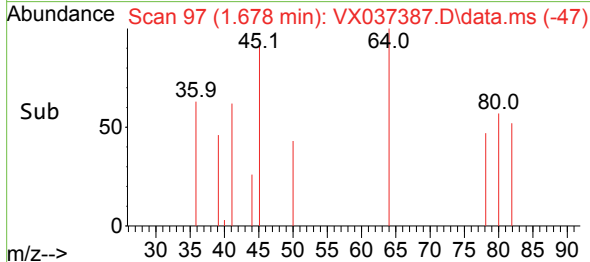
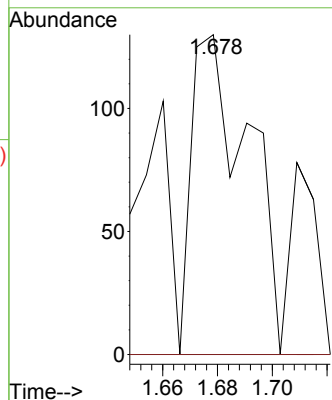
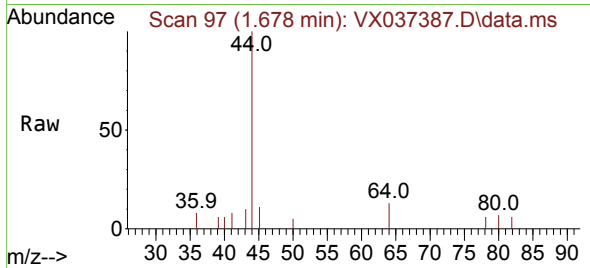




#6
Chloroethane
Concen: 0.206 ug/l
RT: 1.678 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

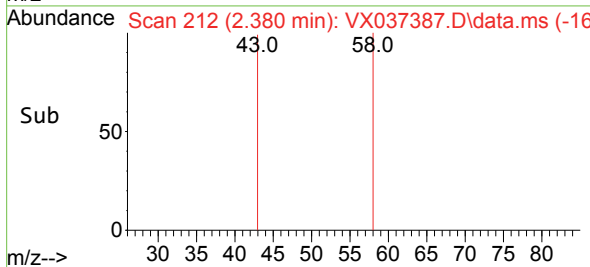
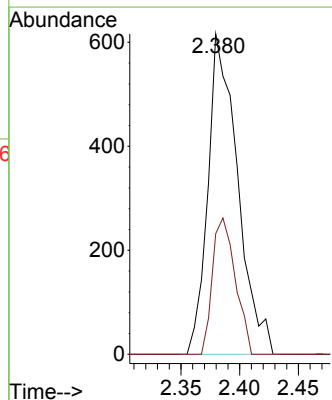
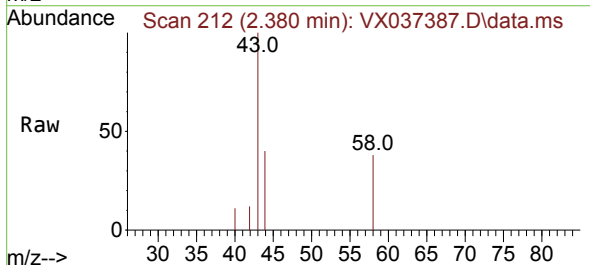
Instrument :
MSVOA_X
ClientSampleId :
TB-01-082923

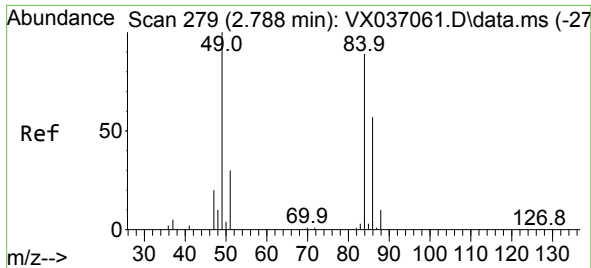
Tgt Ion: 64 Resp: 187
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.374 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

Tgt Ion: 43 Resp: 1083
Ion Ratio Lower Upper
43 100
58 37.7 21.9 32.9#

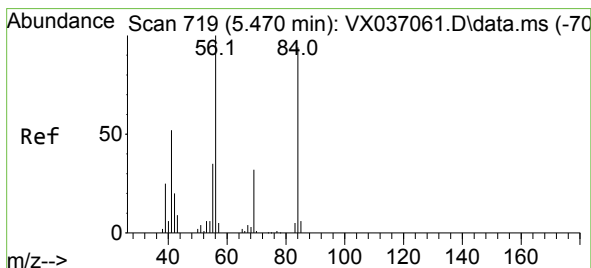
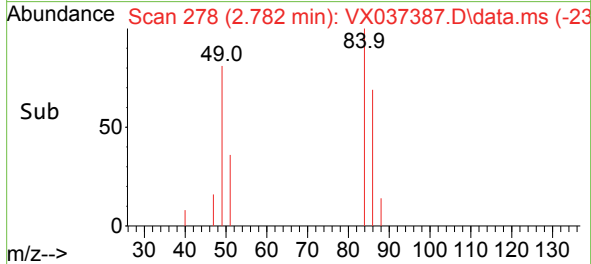
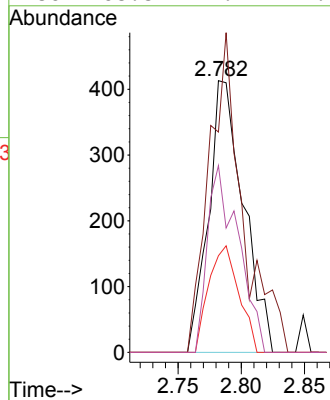
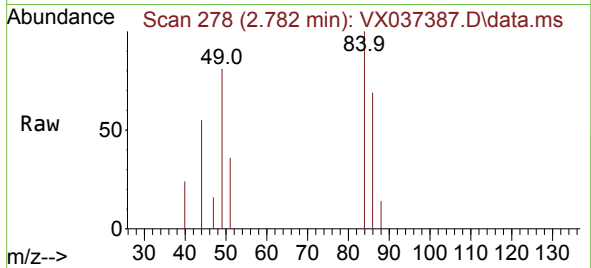




#20
Methylene Chloride
Concen: 0.449 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

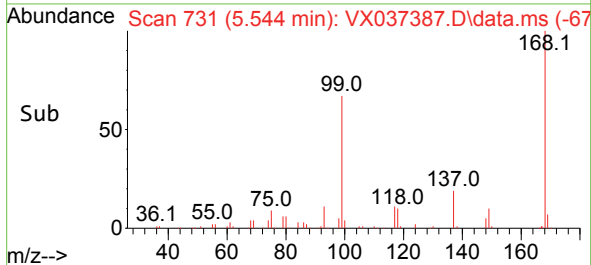
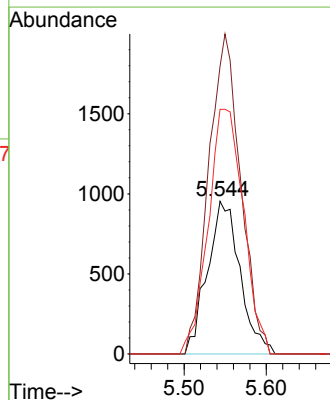
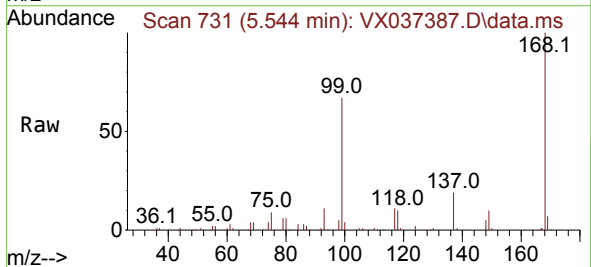
Instrument :
MSVOA_X
ClientSampleId :
TB-01-082923

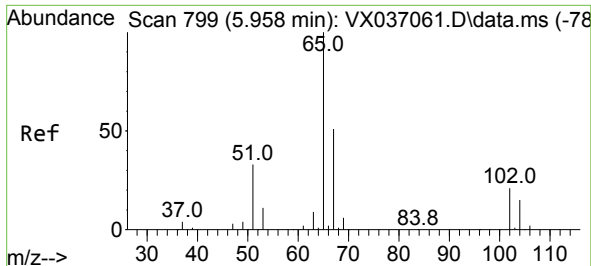
Tgt Ion: 84	Resp: 792
Ion Ratio	Lower Upper
84 100	
49 81.1	103.6 155.4#
51 35.6	33.8 50.6
86 68.8	49.4 74.0



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

Tgt Ion: 56	Resp: 2632
Ion Ratio	Lower Upper
56 100	
69 188.3	23.4 35.2#
84 160.2	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 41.854 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037387.D

Acq: 30 Aug 2023 14:28

Instrument :

MSVOA_X

ClientSampleId :

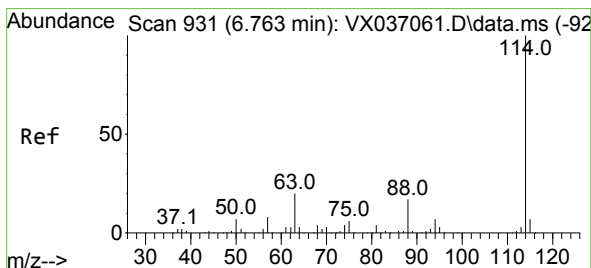
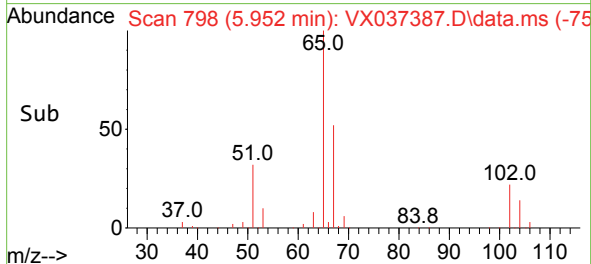
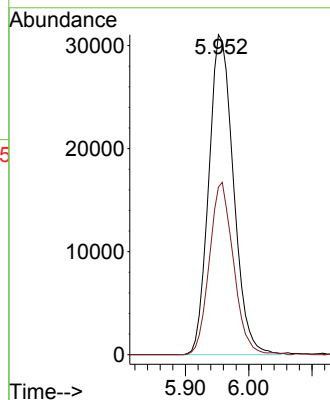
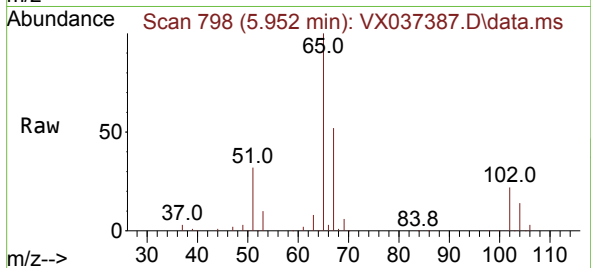
TB-01-082923

Tgt Ion: 65 Resp: 84325

Ion Ratio Lower Upper

65 100

67 52.5 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: VX037387.D

Acq: 30 Aug 2023 14:28

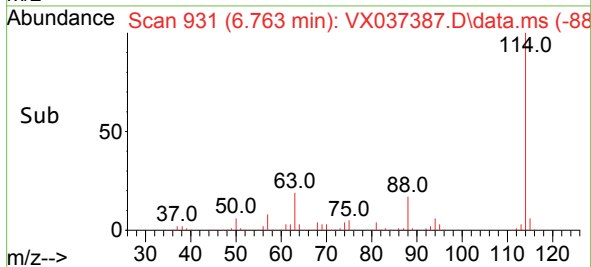
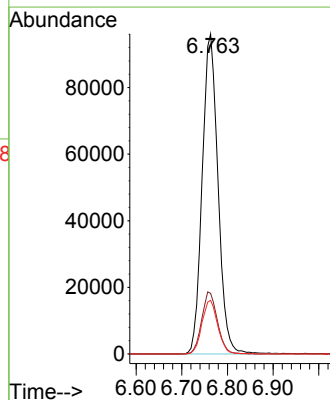
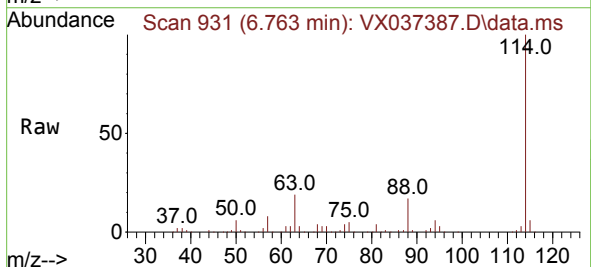
Tgt Ion: 114 Resp: 230129

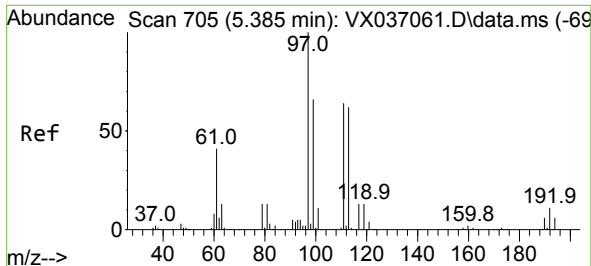
Ion Ratio Lower Upper

114 100

63 18.9 0.0 45.0

88 16.8 0.0 36.6

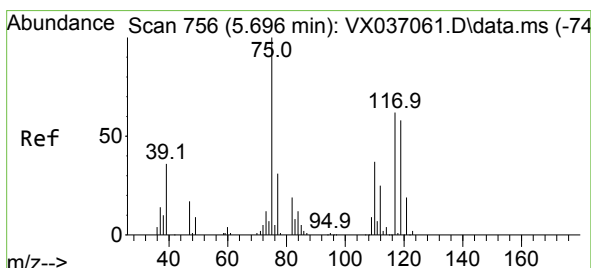
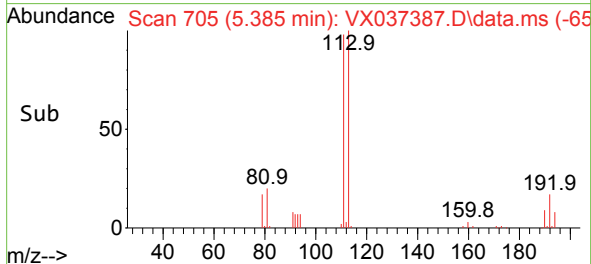
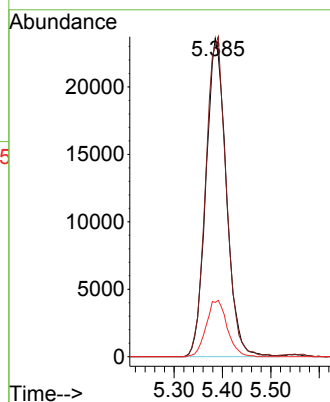
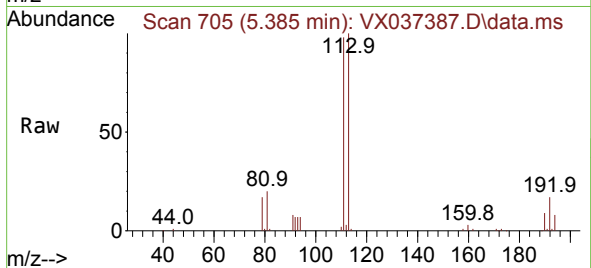




#35
Dibromofluoromethane
Concen: 45.377 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

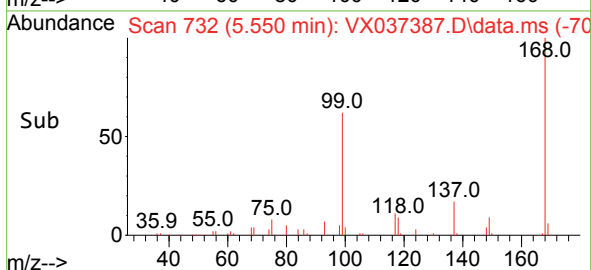
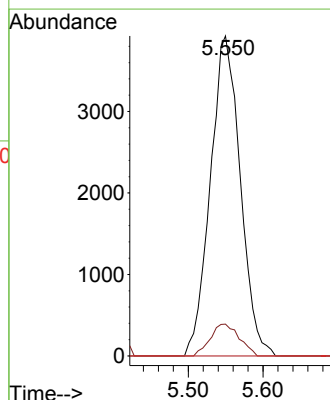
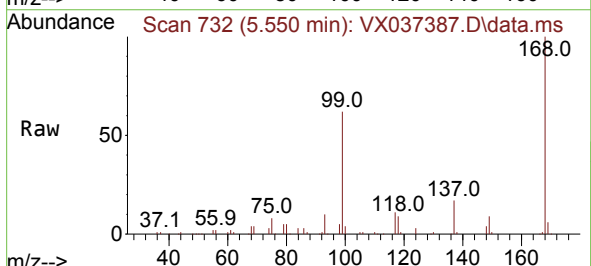
Instrument :
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ClientSampleId :
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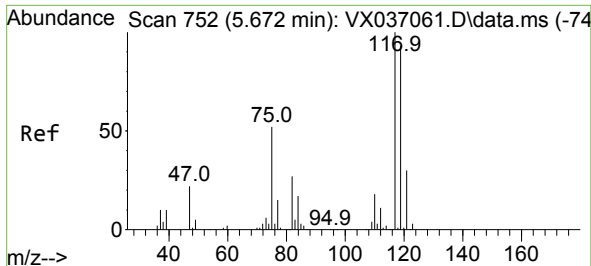
Tgt Ion:	113	Resp:	69159
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.9	124.3
192	18.2	13.3	19.9



#36
1,1-Dichloropropene
Concen: 5.052 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

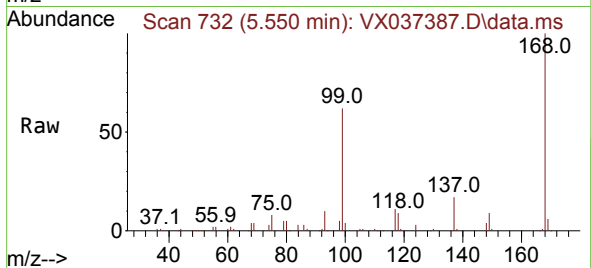
Tgt Ion:	75	Resp:	10940
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.0	50.9#
77	0.0	24.7	37.1#



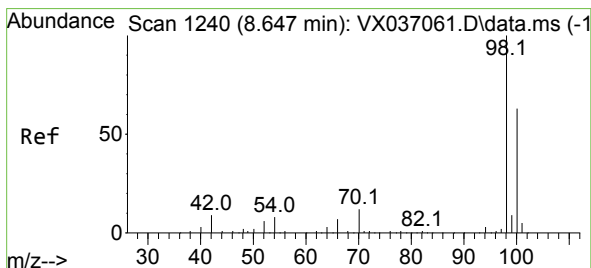
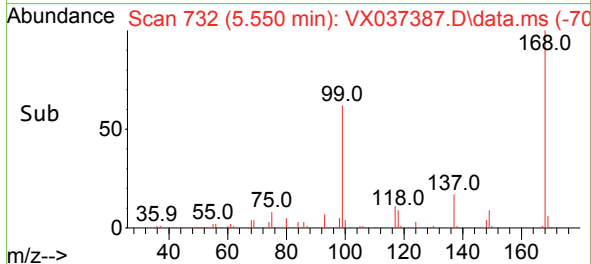
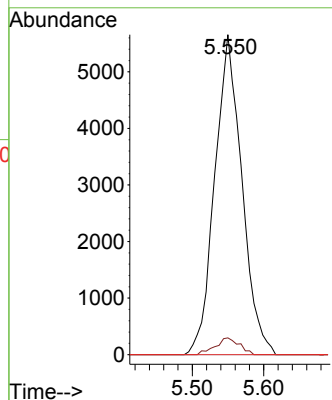


#38
Carbon Tetrachloride
Concen: 6.333 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

Instrument :
MSVOA_X
ClientSampleId :
TB-01-082923

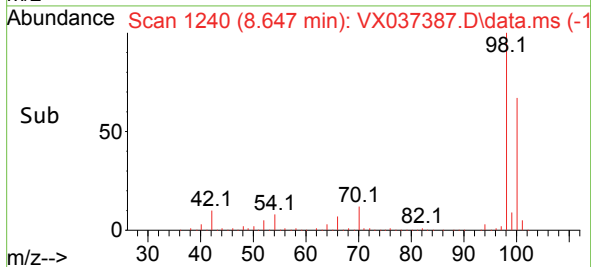
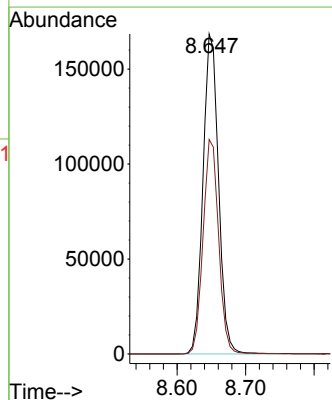
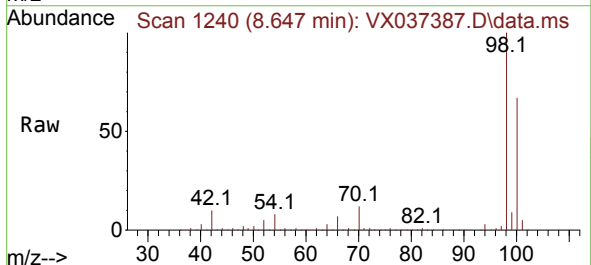


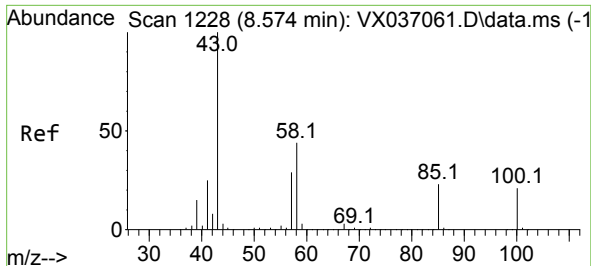
Tgt Ion:117 Resp: 14895
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.137 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

Tgt Ion: 98 Resp: 266122
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

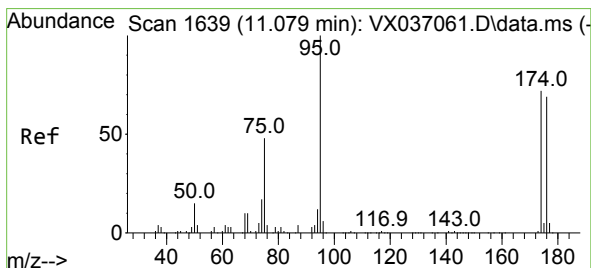
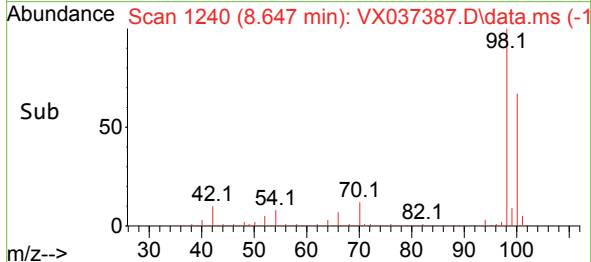
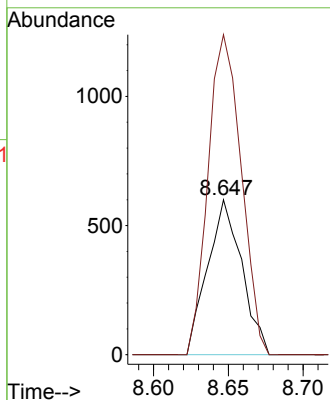
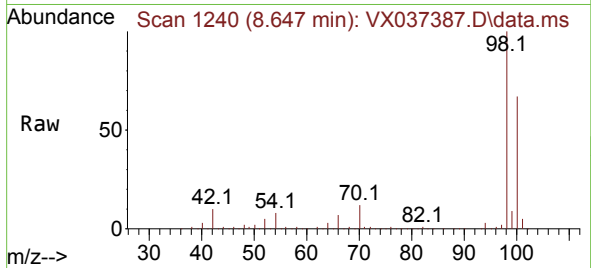




#51
4-Methyl-2-Pentanone
Concen: 0.448 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

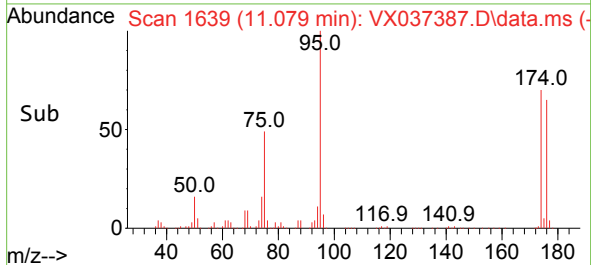
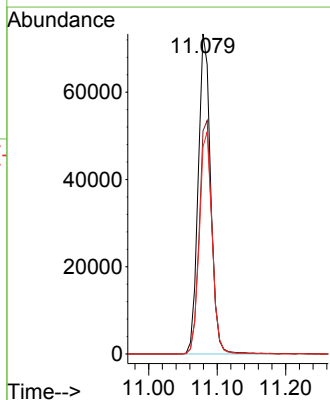
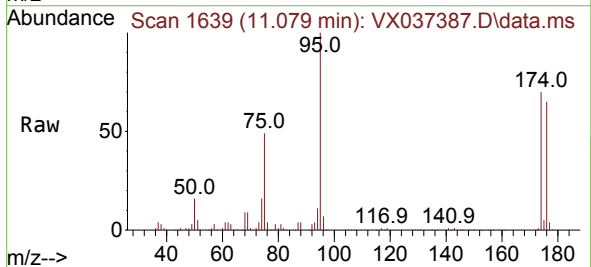
Instrument :
MSVOA_X
ClientSampleId :
TB-01-082923

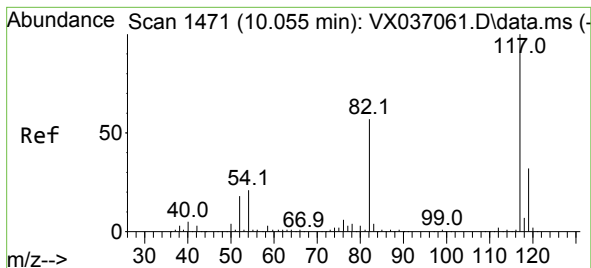
Tgt Ion: 43 Resp: 955
Ion Ratio Lower Upper
43 100
58 200.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 42.812 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

Tgt Ion: 95 Resp: 93013
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 71.1 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: VX037387.D

Acq: 30 Aug 2023 14:28

Instrument :

MSVOA_X

ClientSampleId :

TB-01-082923

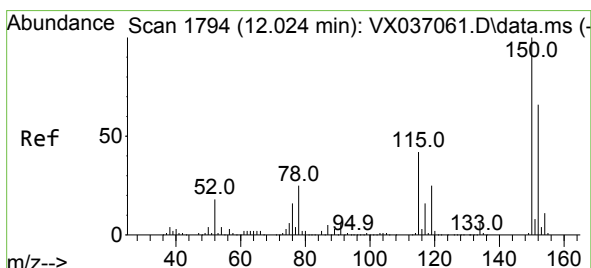
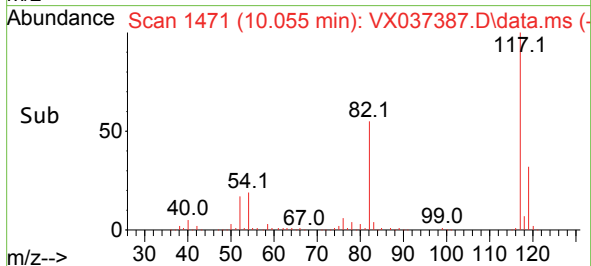
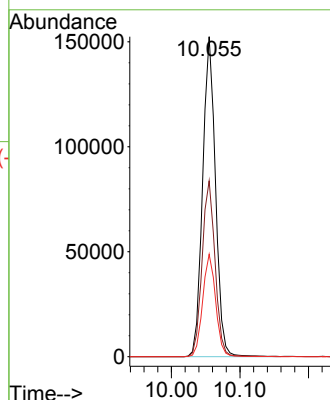
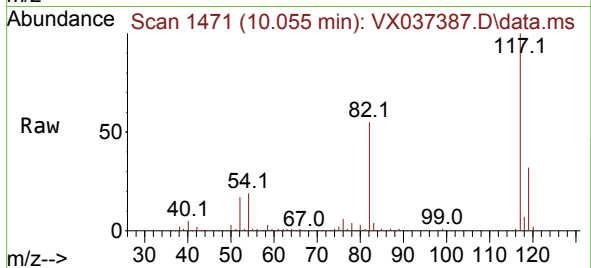
Tgt Ion:117 Resp: 199213

Ion Ratio Lower Upper

117 100

82 54.9 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# 1794

Delta R.T. 0.000 min

Lab File: VX037387.D

Acq: 30 Aug 2023 14:28

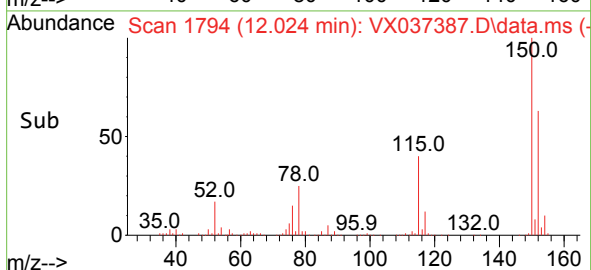
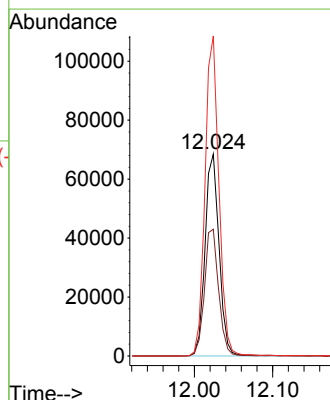
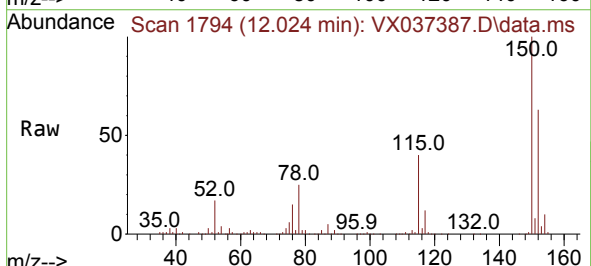
Tgt Ion:152 Resp: 84950

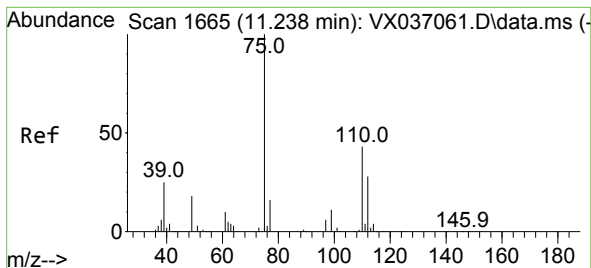
Ion Ratio Lower Upper

152 100

115 63.5 43.3 129.9

150 157.0 0.0 345.0

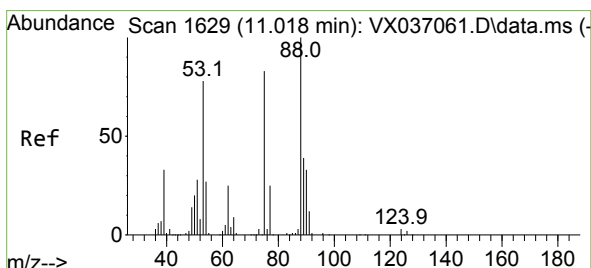
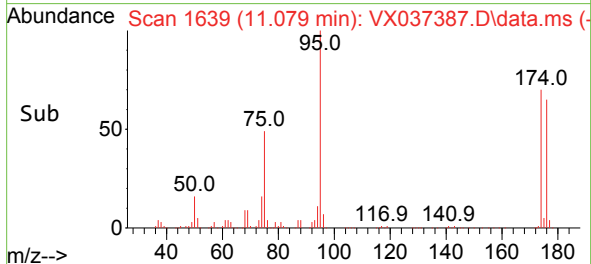
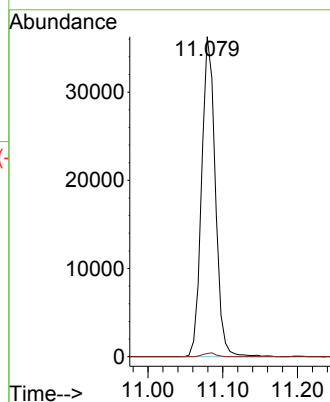
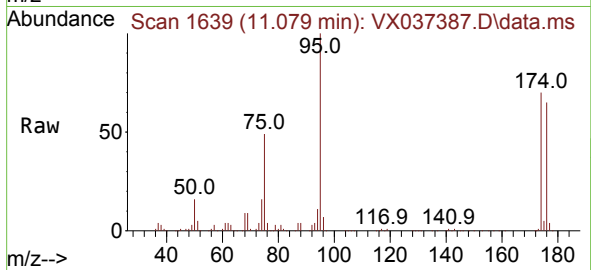




#76
1,2,3-Trichloropropane
Concen: 25.556 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

Instrument :
MSVOA_X
ClientSampleId :
TB-01-082923

Tgt Ion: 75 Resp: 46235
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.379 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037387.D
Acq: 30 Aug 2023 14:28

Tgt Ion: 75 Resp: 46235
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

