

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090723\
 Data File : VX037581.D
 Acq On : 07 Sep 2023 15:57
 Operator : JC/MD
 Sample : 04311-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 08 00:46:31 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)

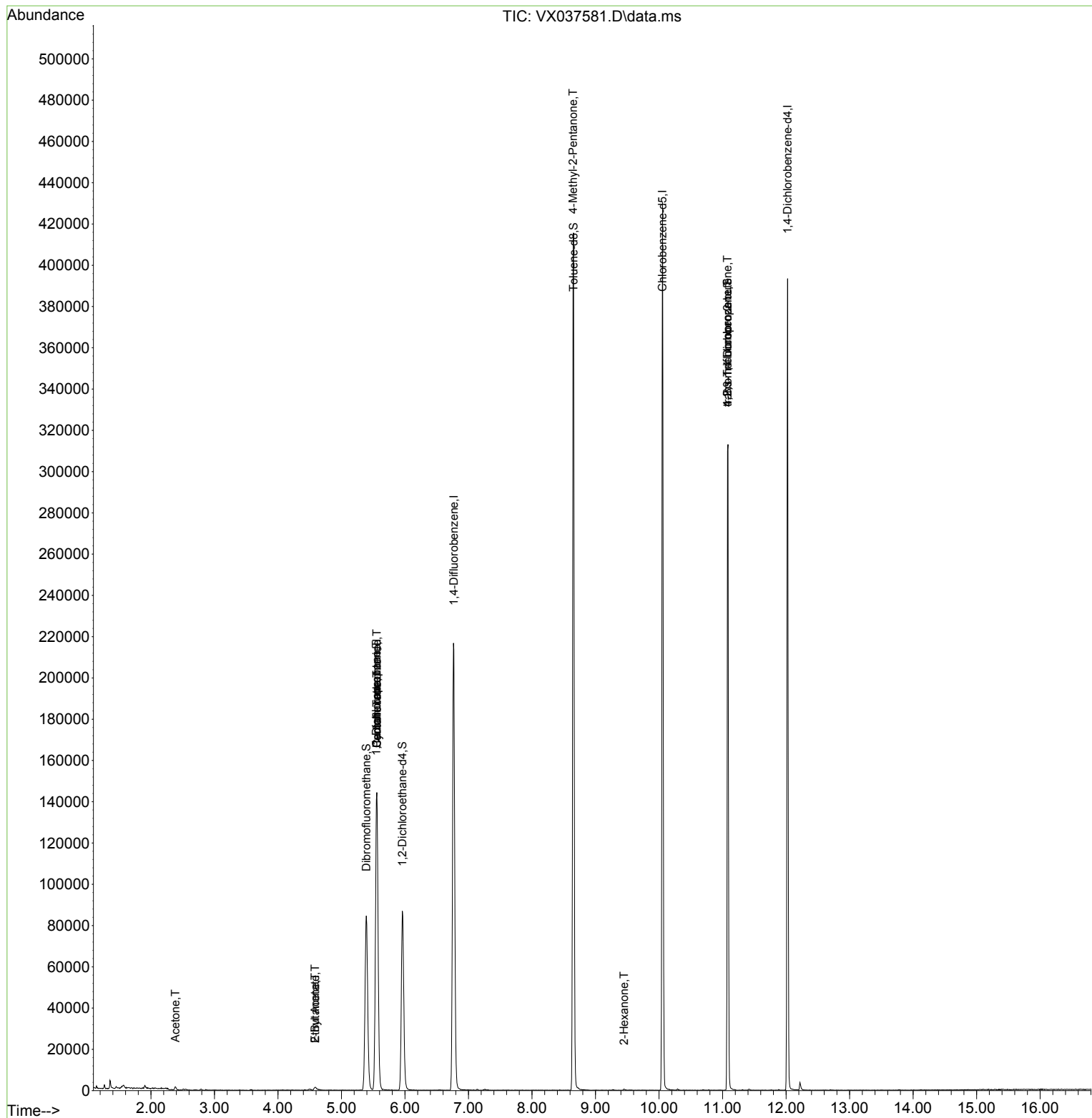
Internal Standards						
1) Pentafluorobenzene	5.556	168	141314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234666	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	202548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84476	41.465	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	82.920%		
35) Dibromofluoromethane	5.391	113	76624	49.303	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.600%		
50) Toluene-d8	8.653	98	262876	46.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.260%		
62) 4-Bromofluorobenzene	11.079	95	92929	41.946	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.900%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	1804	2.263	ug/l	94
25) 2-Butanone	4.586	43	2454	2.045	ug/l #	89
31) Cyclohexane	5.556	56	2539	1.108	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10485	4.749	ug/l #	51
37) Ethyl Acetate	4.586	43	2454	1.088	ug/l #	69
38) Carbon Tetrachloride	5.556	117	14413	6.009	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	800	0.368	ug/l #	1
59) 2-Hexanone	9.451	43	501	0.302	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	43770	24.909	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43770	69.571	ug/l #	5

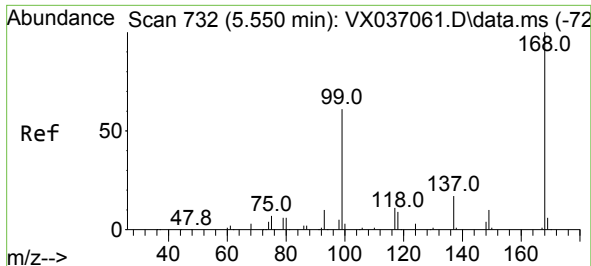
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

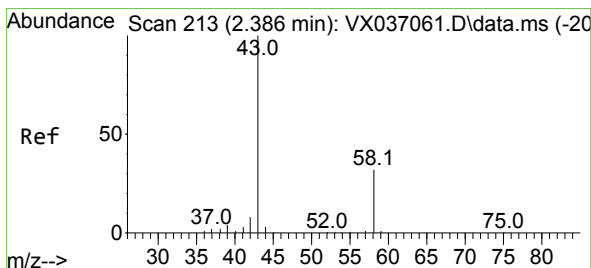
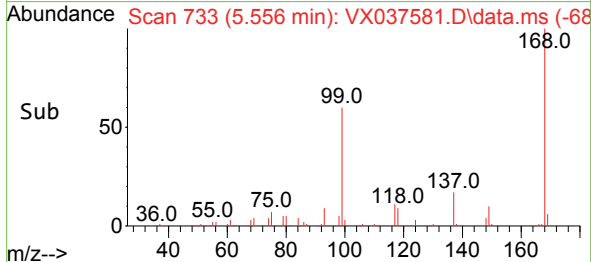
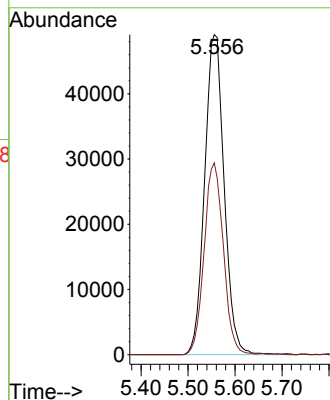
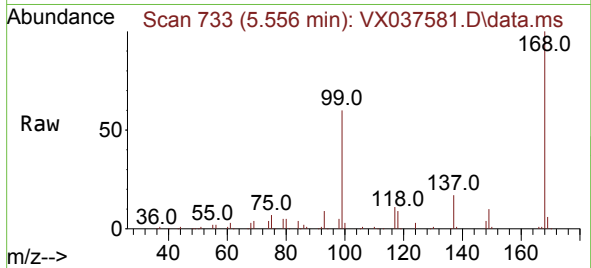




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037581.D
Acq: 07 Sep 2023 15:57

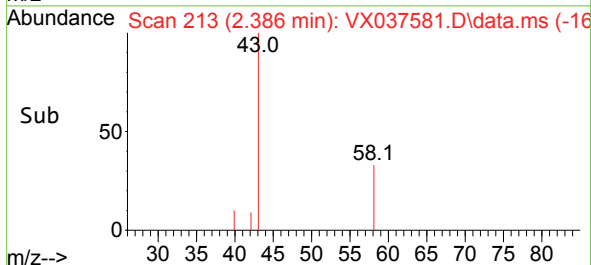
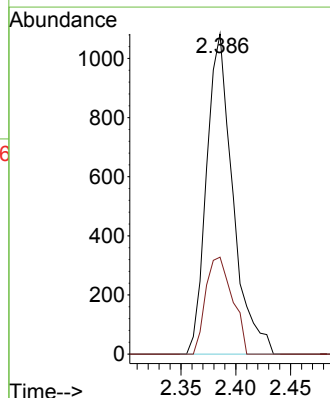
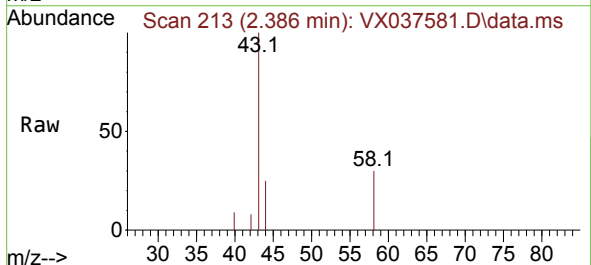
Instrument :
MSVOA_X
ClientSampleId :

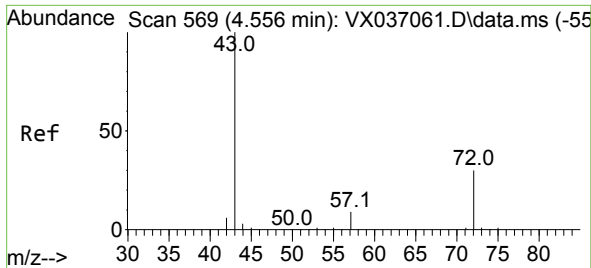
Tgt Ion:168 Resp: 141314
Ion Ratio Lower Upper
168 100
99 59.9 56.6 85.0



#16
Acetone
Concen: 2.263 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037581.D
Acq: 07 Sep 2023 15:57

Tgt Ion: 43 Resp: 1804
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9





#25

2-Butanone

Concen: 2.045 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.030 min

Lab File: VX037581.D

Acq: 07 Sep 2023 15:57

Instrument :

MSVOA_X

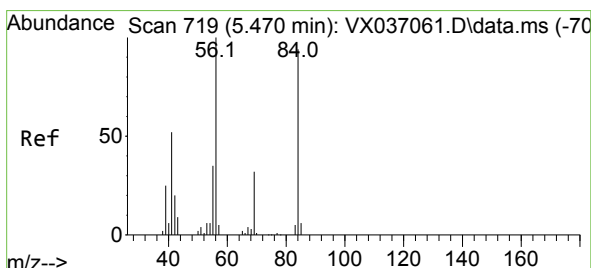
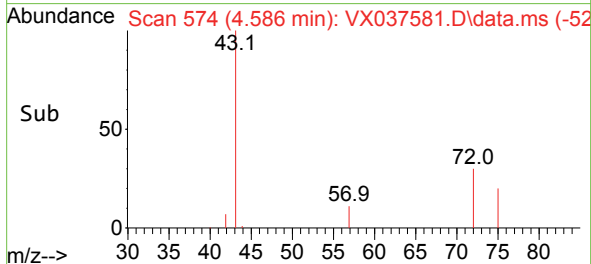
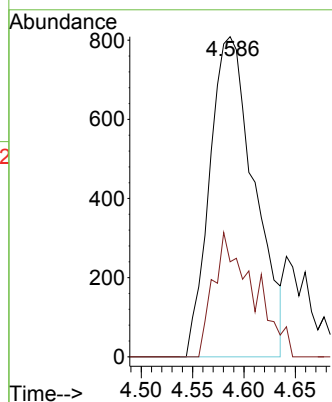
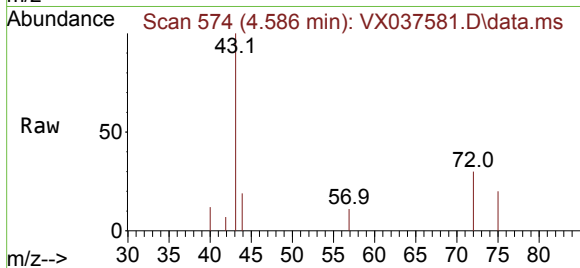
ClientSampleId :

Tgt Ion: 43 Resp: 2454

Ion Ratio Lower Upper

43 100

72 29.7 19.4 29.2#



#31

Cyclohexane

Concen: 1.108 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037581.D

Acq: 07 Sep 2023 15:57

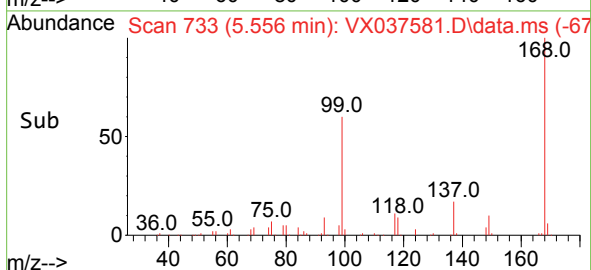
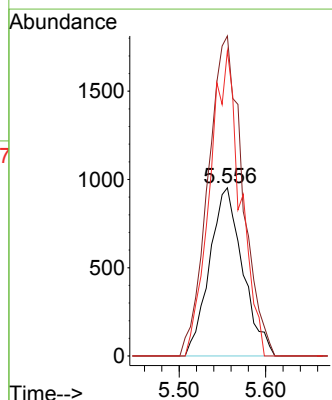
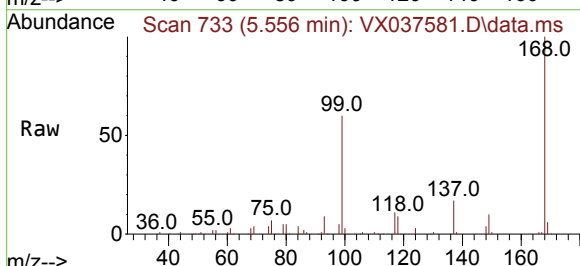
Tgt Ion: 56 Resp: 2539

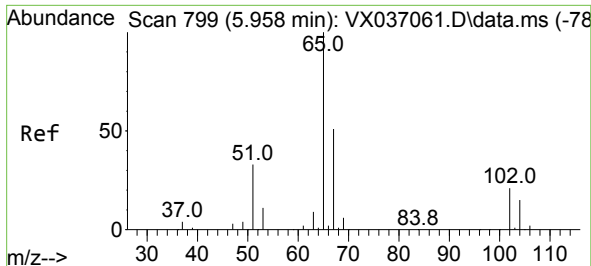
Ion Ratio Lower Upper

56 100

69 190.2 23.4 35.2#

84 181.4 65.9 98.9#

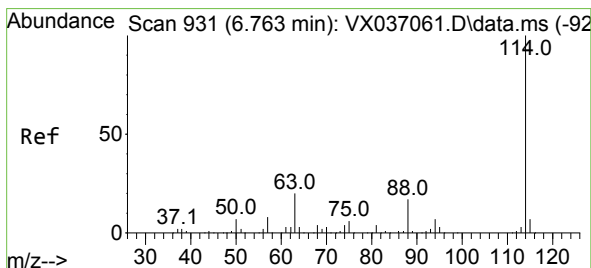
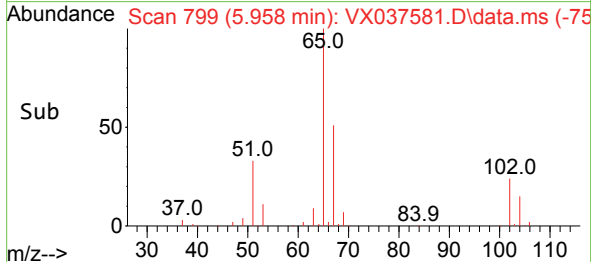
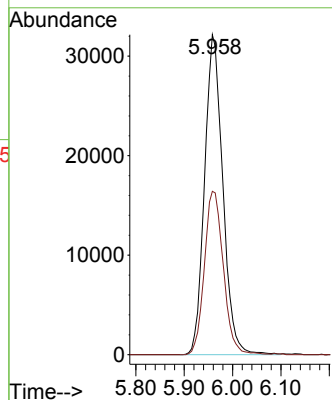
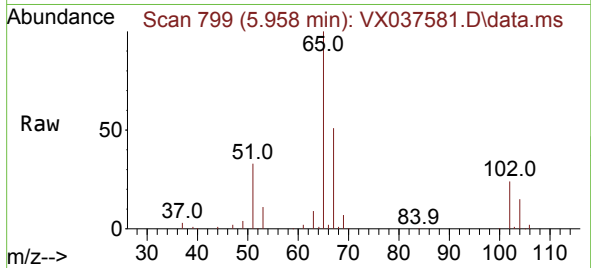




#33
 1,2-Dichloroethane-d4
 Concen: 41.465 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX037581.D
 Acq: 07 Sep 2023 15:57

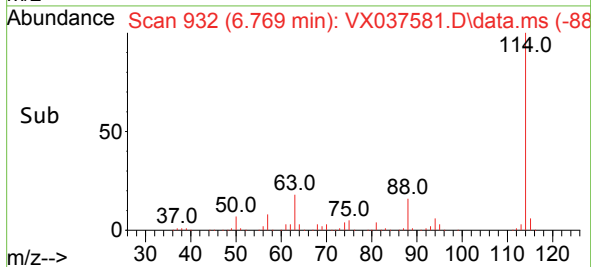
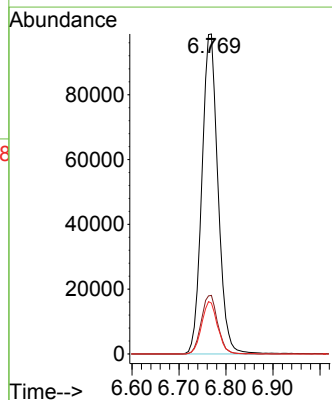
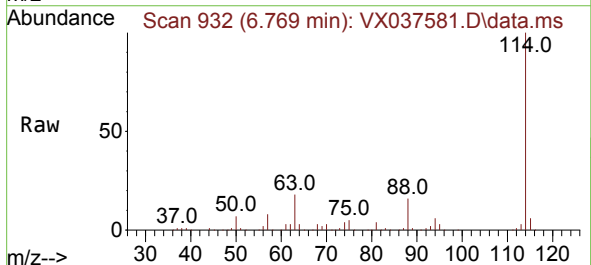
Instrument :
 MSVOA_X
 ClientSampleId :

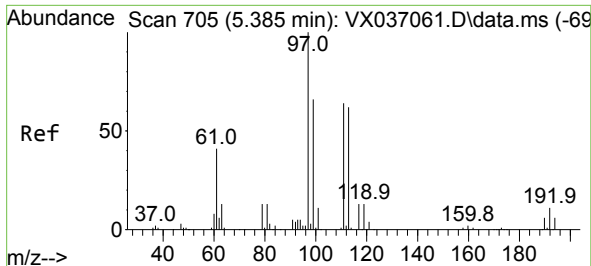
Tgt Ion: 65 Resp: 84476
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX037581.D
 Acq: 07 Sep 2023 15:57

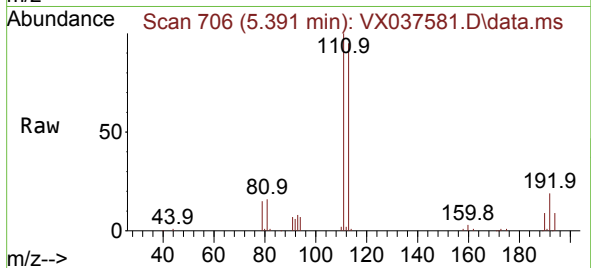
Tgt Ion: 114 Resp: 234666
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 45.0
 88 15.9 0.0 36.6



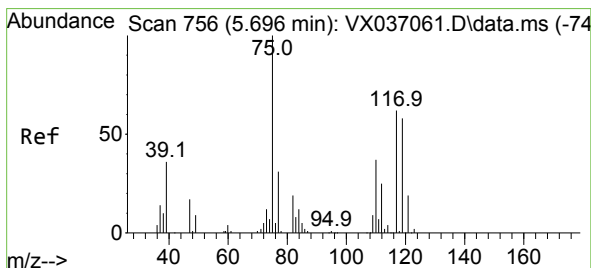
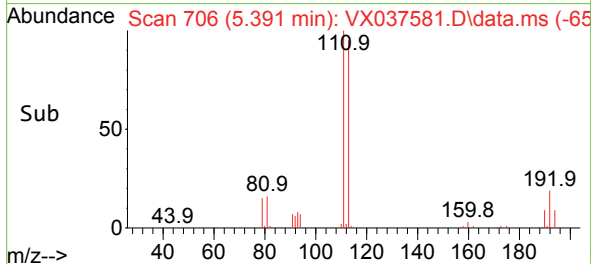
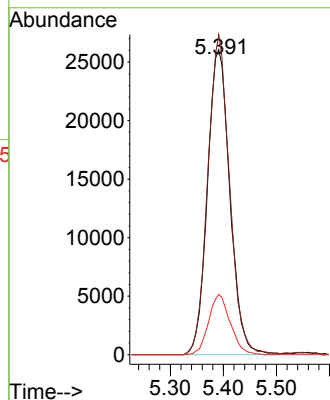


#35
Dibromofluoromethane
Concen: 49.303 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037581.D
Acq: 07 Sep 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :

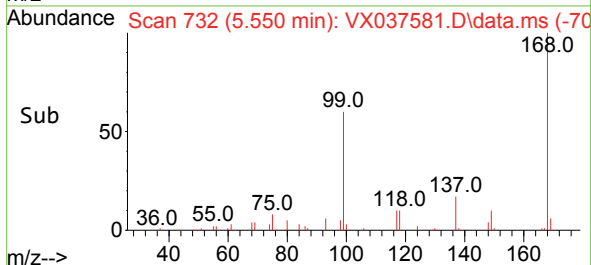
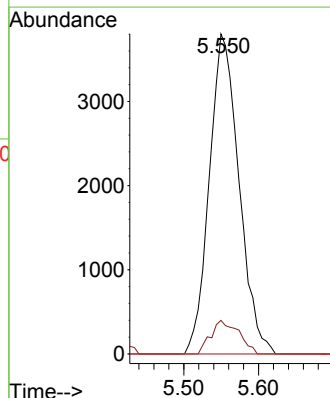
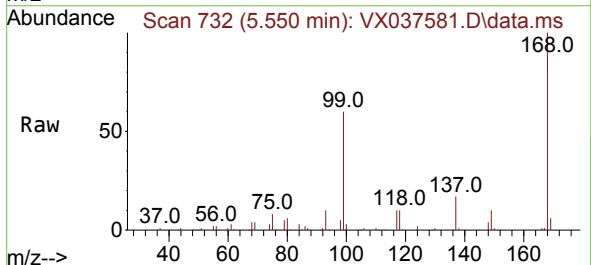


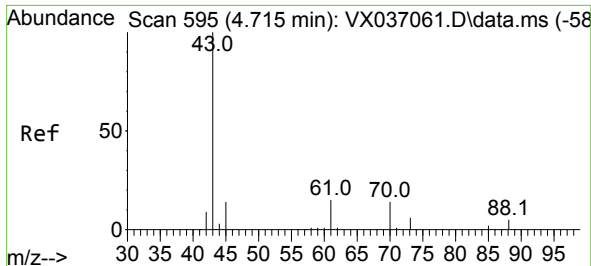
Tgt Ion:113 Resp: 76624
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.749 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037581.D
Acq: 07 Sep 2023 15:57

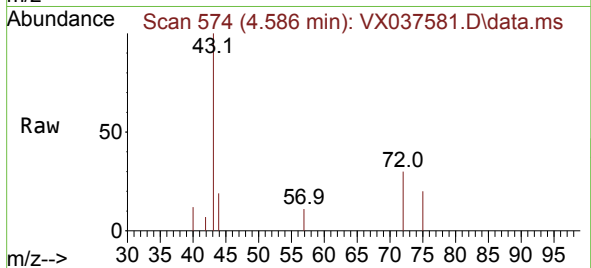
Tgt Ion: 75 Resp: 10485
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



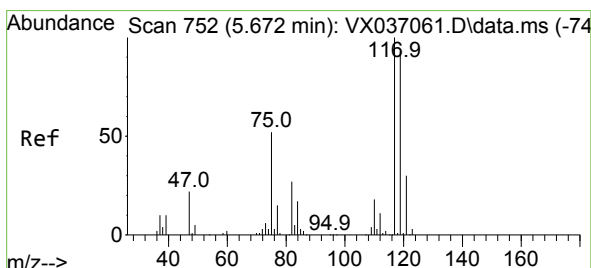
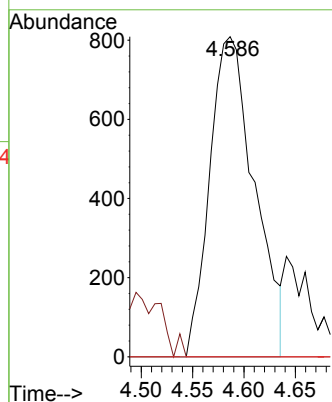
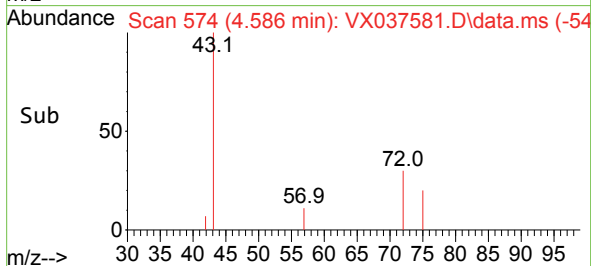


#37
Ethyl Acetate
Concen: 1.088 ug/l
RT: 4.586 min Scan# 51
Delta R.T. -0.128 min
Lab File: VX037581.D
Acq: 07 Sep 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :

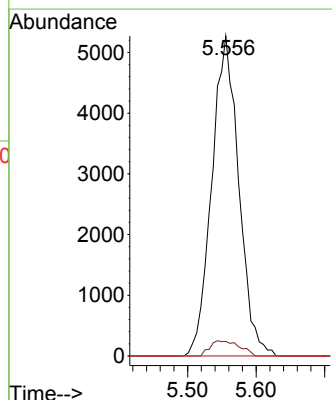
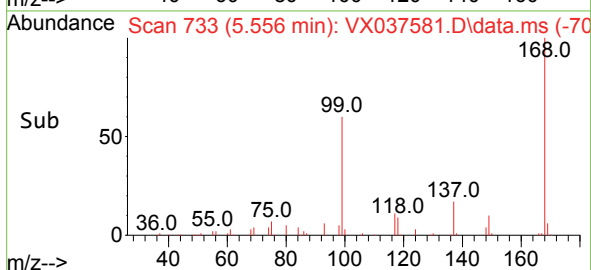
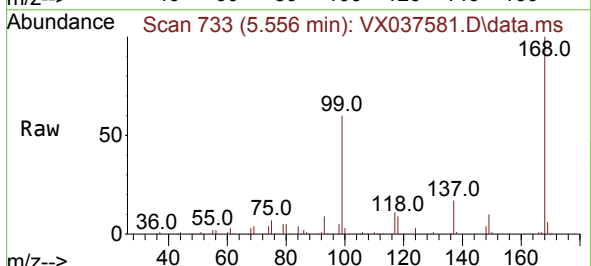


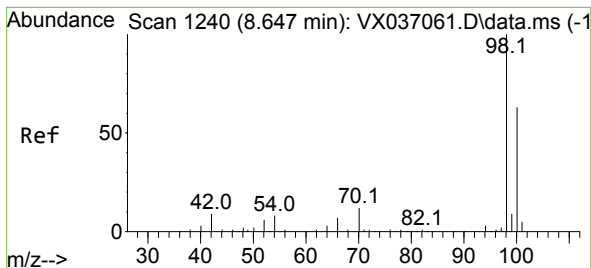
Tgt Ion: 43 Resp: 2454
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 6.009 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX037581.D
Acq: 07 Sep 2023 15:57

Tgt Ion: 117 Resp: 14413
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 46.630 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX037581.D

Acq: 07 Sep 2023 15:57

Instrument :

MSVOA_X

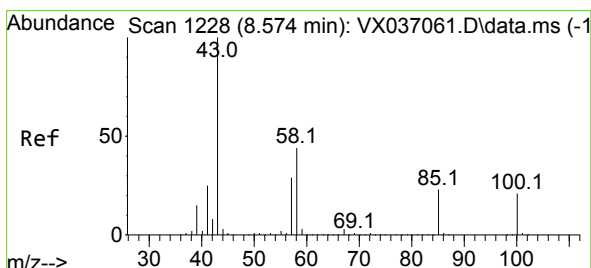
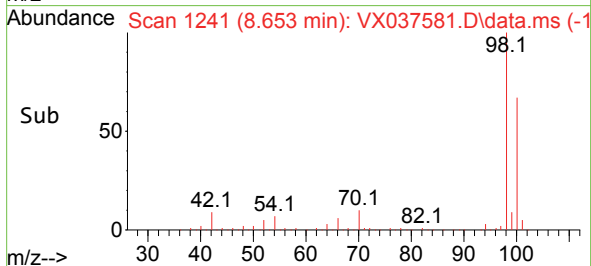
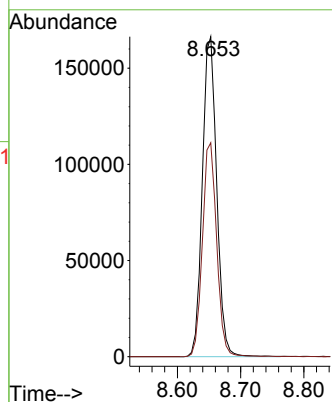
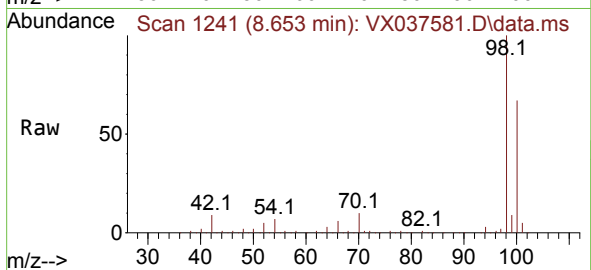
ClientSampleId :

Tgt Ion: 98 Resp: 262876

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.368 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX037581.D

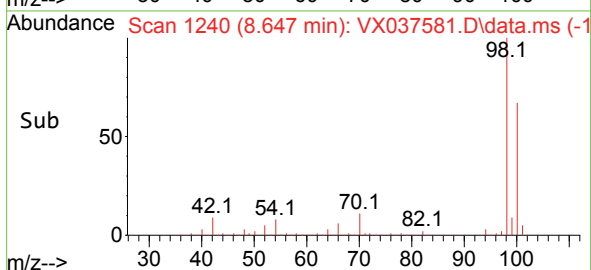
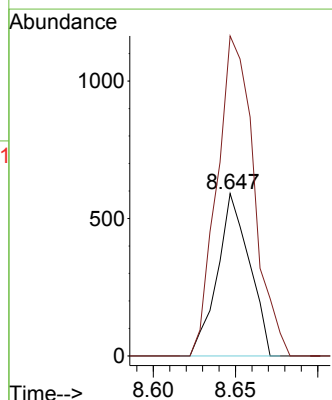
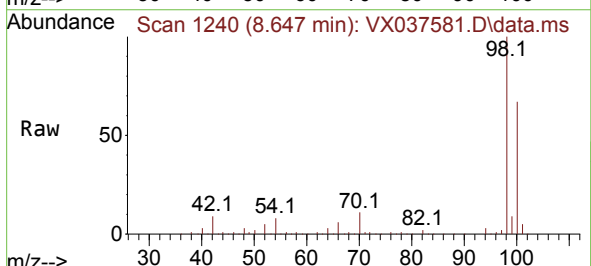
Acq: 07 Sep 2023 15:57

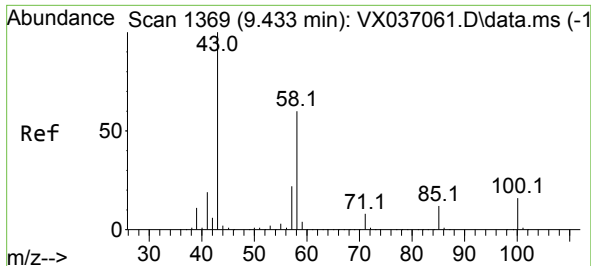
Tgt Ion: 43 Resp: 800

Ion Ratio Lower Upper

43 100

58 227.5 30.4 45.6#

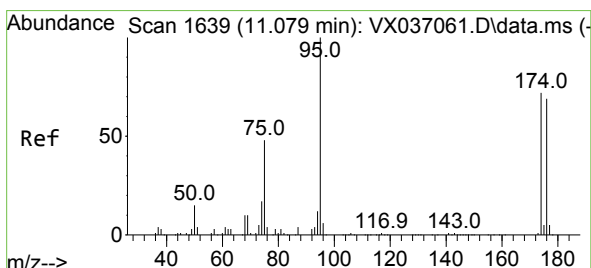
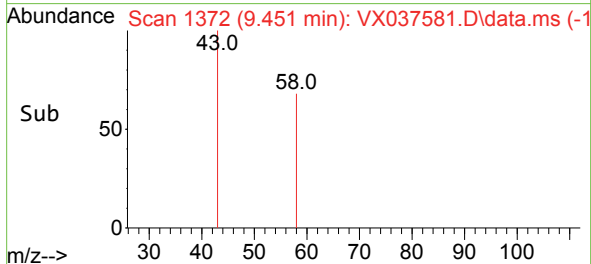
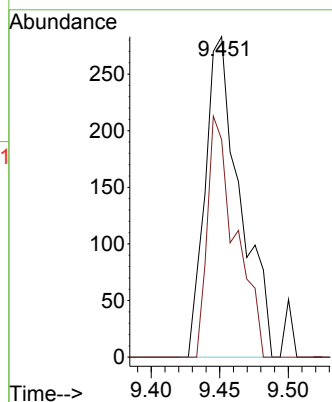
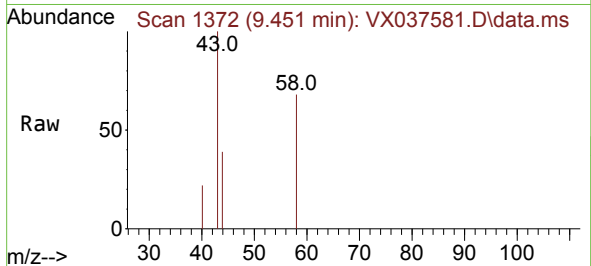




#59
2-Hexanone
Concen: 0.302 ug/l
RT: 9.451 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX037581.D
Acq: 07 Sep 2023 15:57

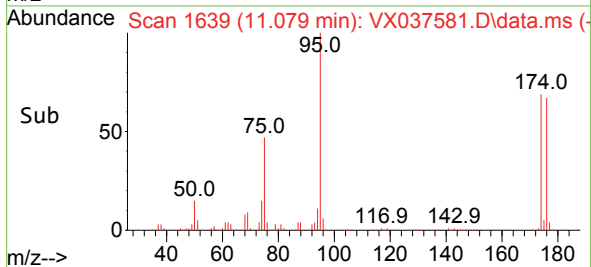
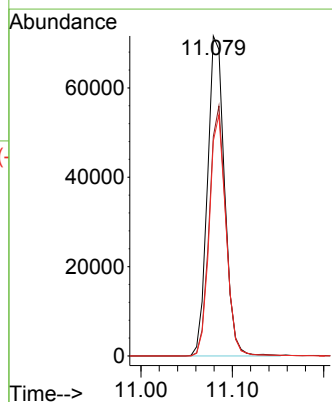
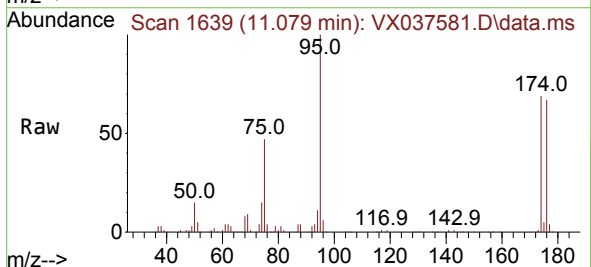
Instrument :
MSVOA_X
ClientSampleId :

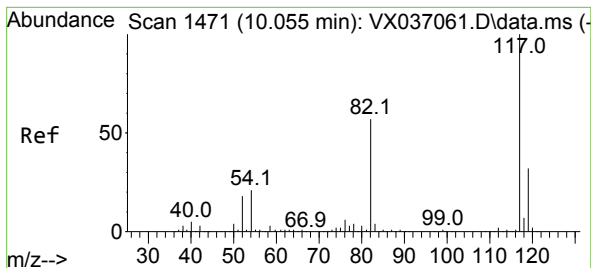
Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
58 60.7 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 41.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037581.D
Acq: 07 Sep 2023 15:57

Tgt Ion: 95 Resp: 92929
Ion Ratio Lower Upper
95 100
174 75.8 0.0 135.6
176 73.1 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: VX037581.D

Acq: 07 Sep 2023 15:57

Instrument :

MSVOA_X

ClientSampleId :

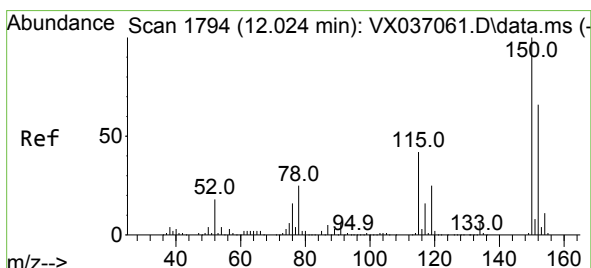
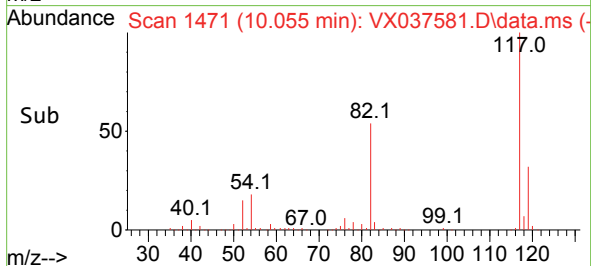
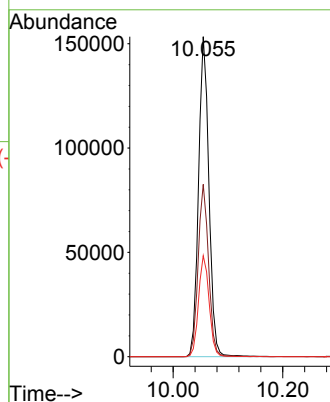
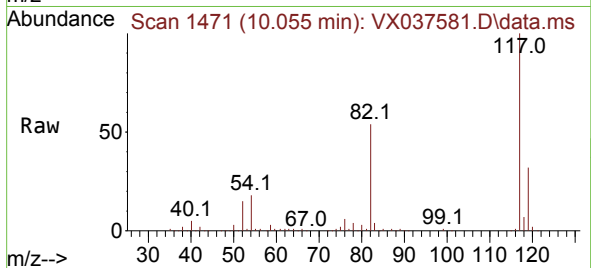
Tgt Ion:117 Resp: 202548

Ion Ratio Lower Upper

117 100

82 53.9 46.2 69.4

119 31.5 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: VX037581.D

Acq: 07 Sep 2023 15:57

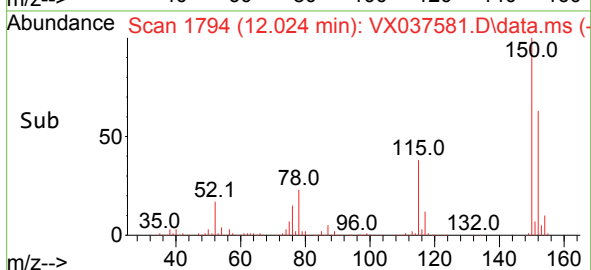
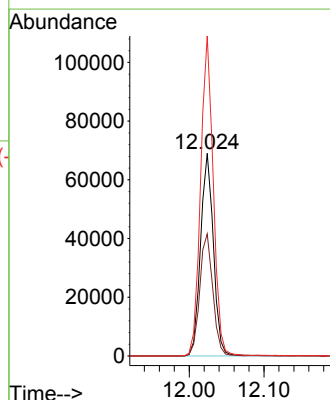
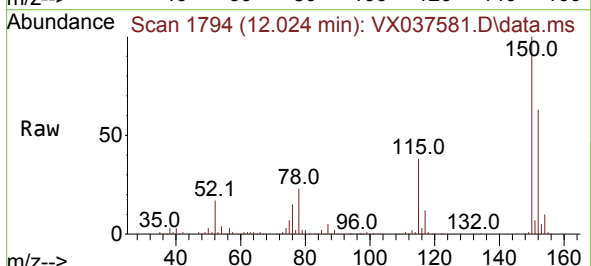
Tgt Ion:152 Resp: 82511

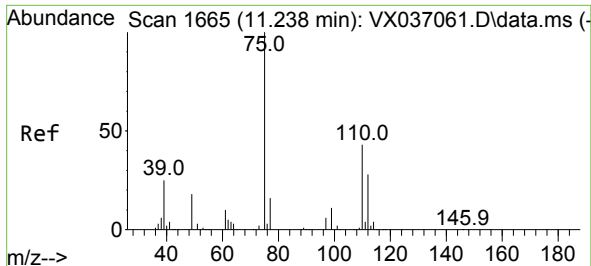
Ion Ratio Lower Upper

152 100

115 61.5 43.3 129.9

150 155.9 0.0 345.0

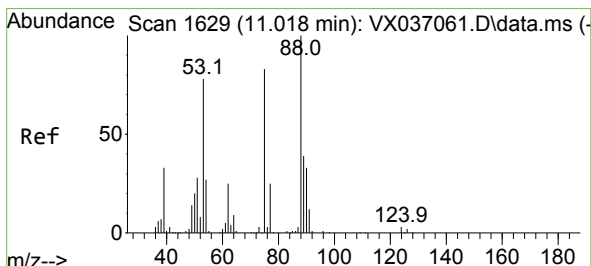
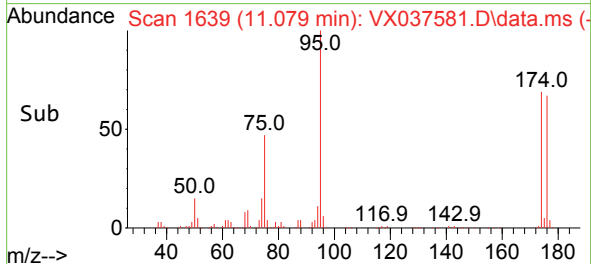
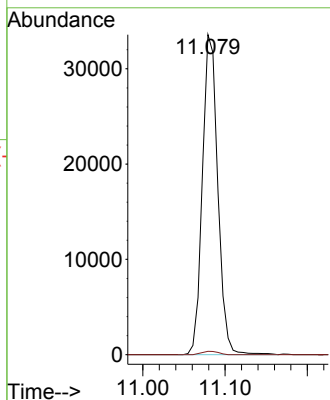
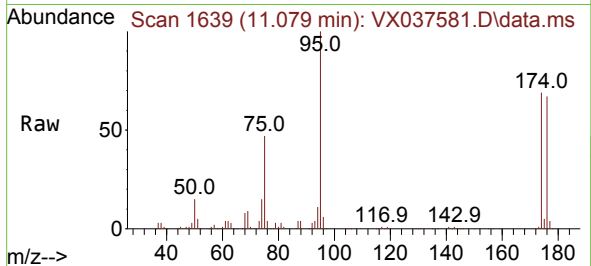




#76
1,2,3-Trichloropropane
Concen: 24.909 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037581.D
Acq: 07 Sep 2023 15:57

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 43770
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.571 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037581.D
Acq: 07 Sep 2023 15:57

Tgt Ion: 75 Resp: 43770
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

