

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
 Data File : VX038246.D
 Acq On : 12 Oct 2023 11:01
 Operator : JC/MD
 Sample : VX1012WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 13 04:44:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

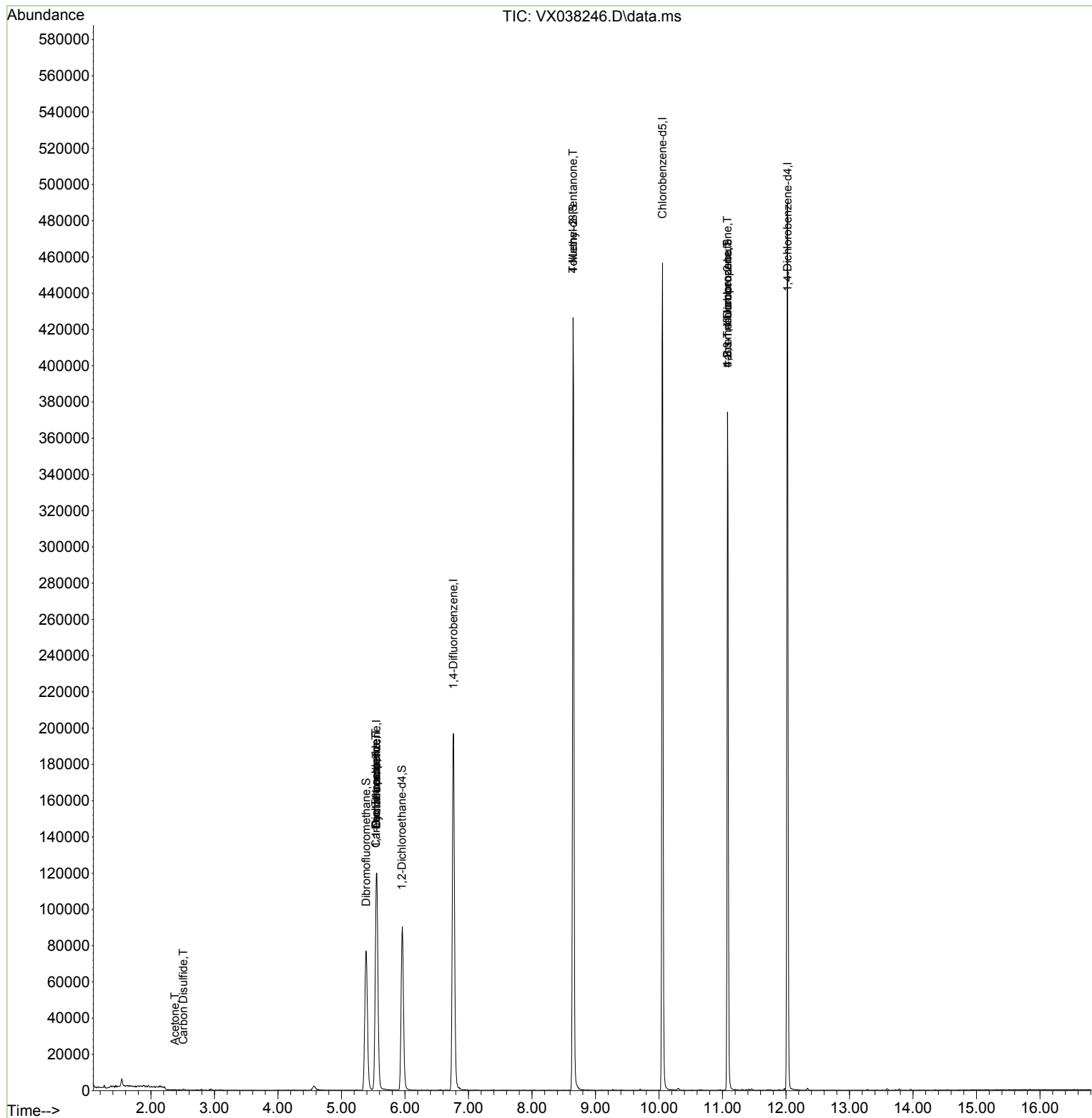
Internal Standards						
1) Pentafluorobenzene	5.550	168	114866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203820	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84823	45.911	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.820%
35) Dibromofluoromethane	5.385	113	66329	45.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.320%
50) Toluene-d8	8.647	98	254031	45.265	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.540%#
62) 4-Bromofluorobenzene	11.079	95	96288	45.257	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.520%
Target Compounds						
					Qvalue	
5) Bromomethane	1.606	94	20	Below Cal		100
6) Chloroethane	1.673	64	276	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	330	Below Cal	#	78
16) Acetone	2.380	43	397	0.515	ug/l #	47
17) Carbon Disulfide	2.508	76	748	0.247	ug/l #	76
31) Cyclohexane	5.550	56	3126	1.562	ug/l #	37
36) 1,1-Dichloropropene	5.544	75	9492	4.687	ug/l #	50
38) Carbon Tetrachloride	5.544	117	12131	6.089	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1119	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51979	22.063	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51979	63.258	ug/l #	5

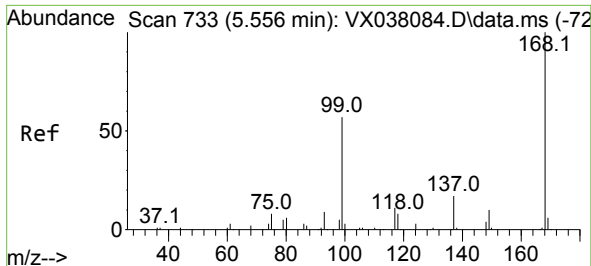
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101223\
Data File : VX038246.D
Acq On : 12 Oct 2023 11:01
Operator : JC/MD
Sample : VX1012WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Oct 13 04:44:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

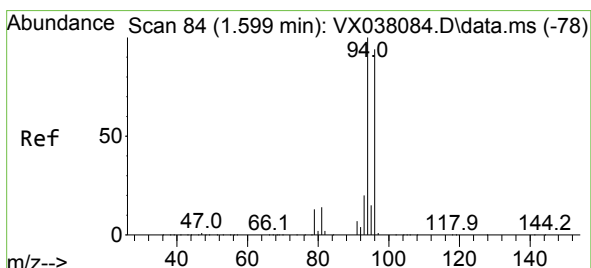
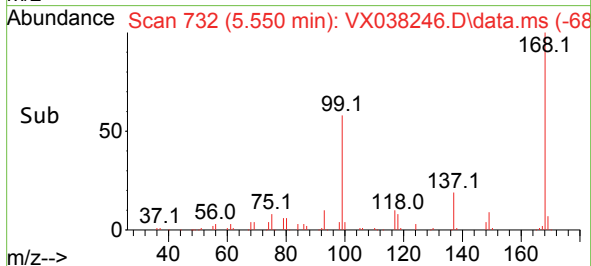
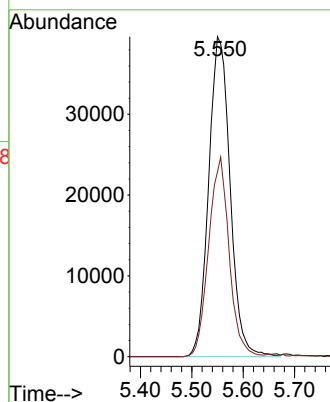
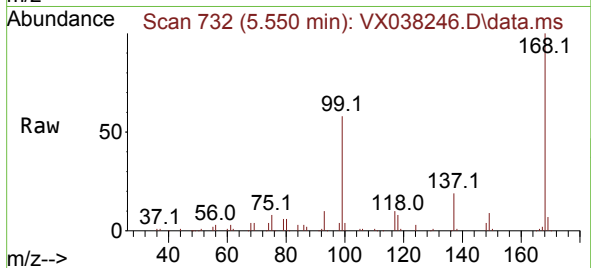




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

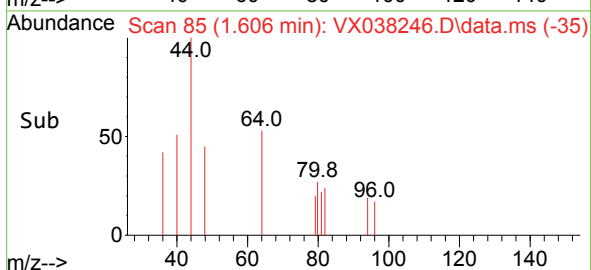
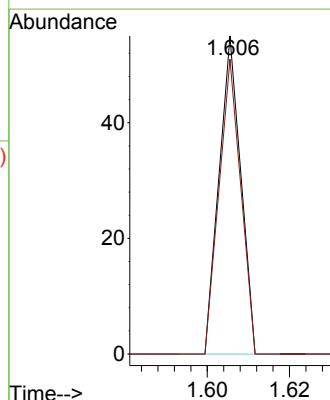
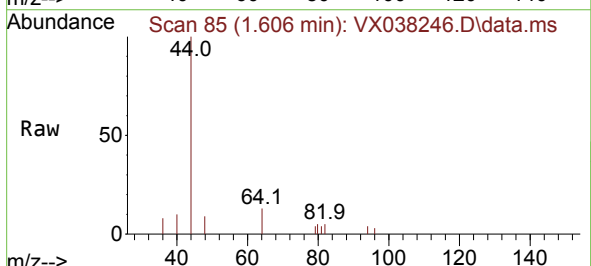
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 114866
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.606 min Scan# 85
Delta R.T. 0.007 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 92.7 74.6 111.8

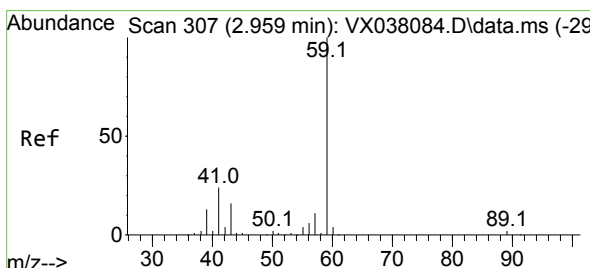
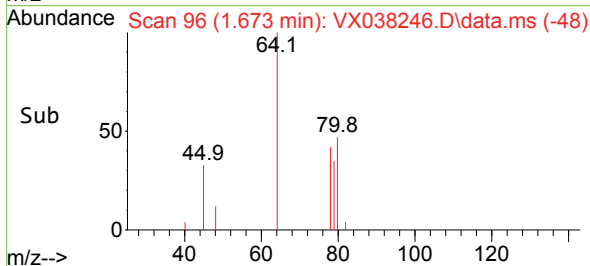
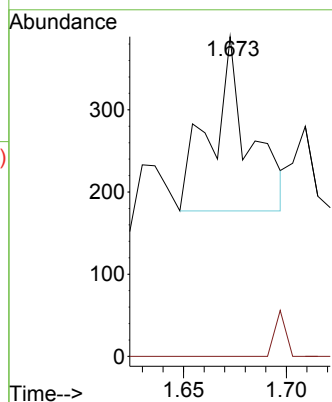
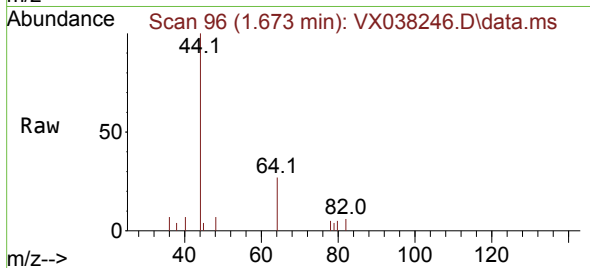




#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

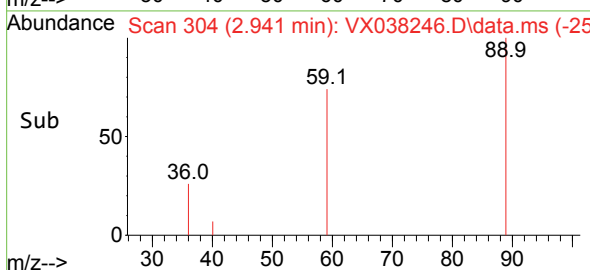
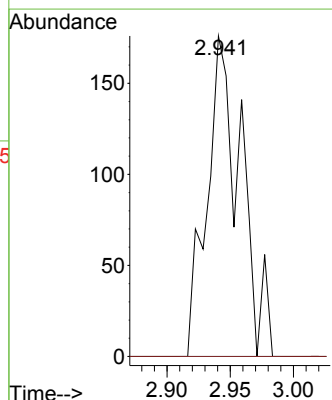
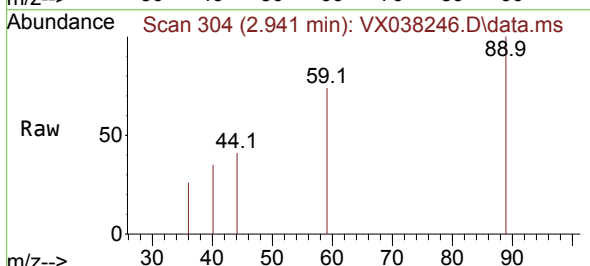
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 276
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

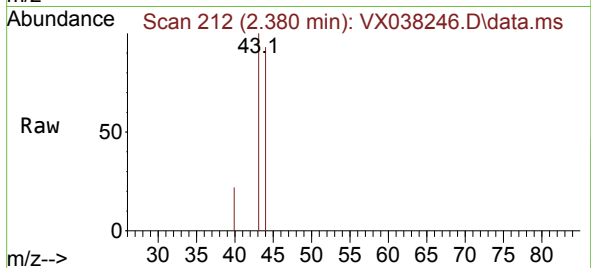
Tgt Ion: 59 Resp: 330
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



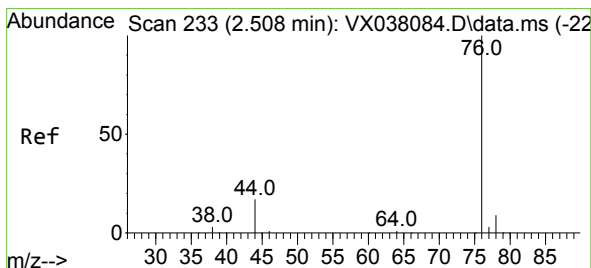
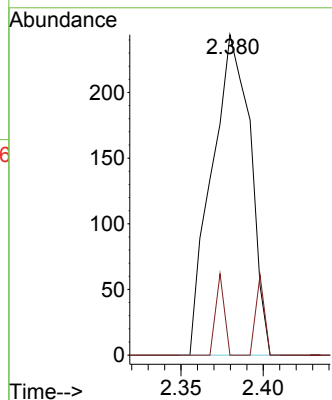


#16
Acetone
Concen: 0.515 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :

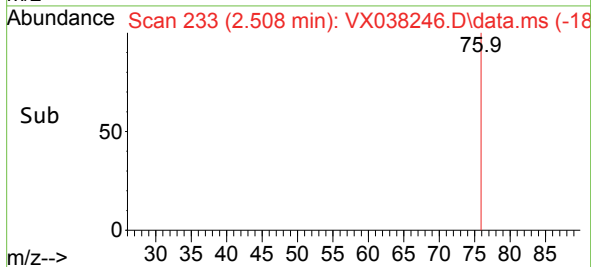
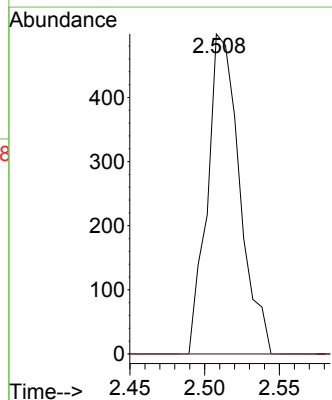
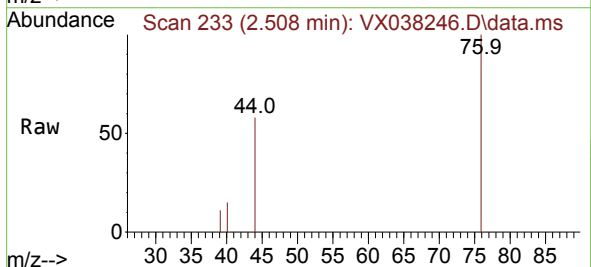


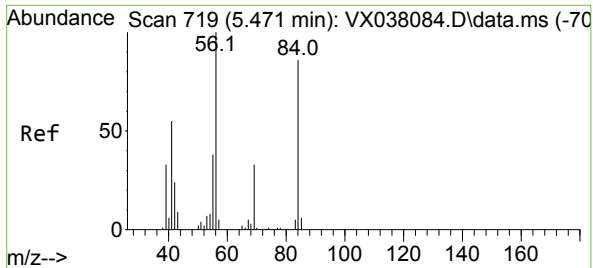
Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.247 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.000 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

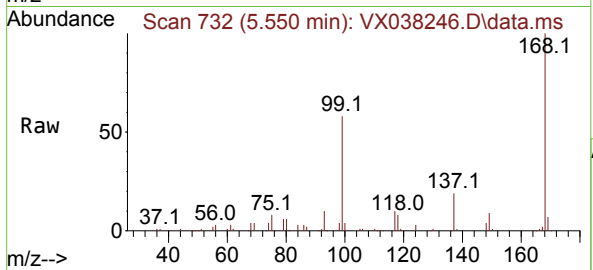
Tgt Ion: 76 Resp: 748
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



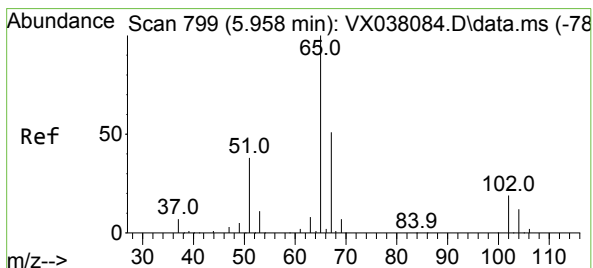
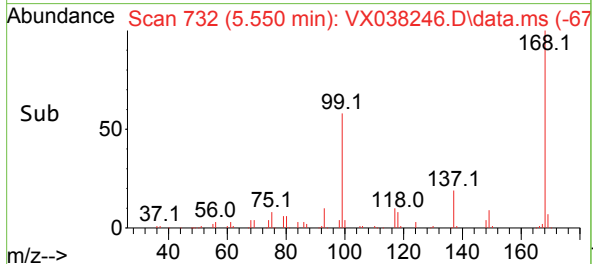
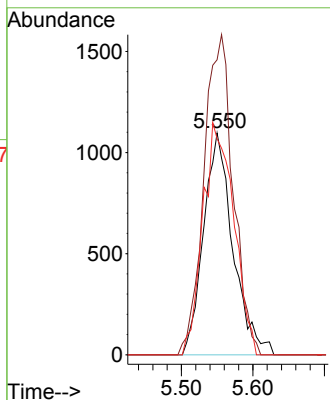


#31
Cyclohexane
Concen: 1.562 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :

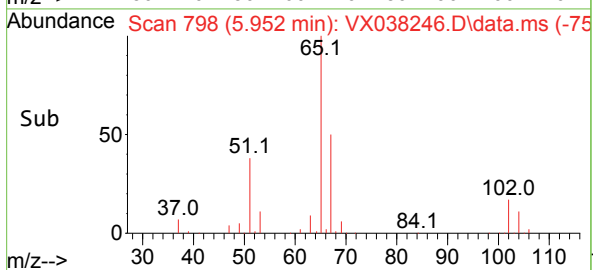
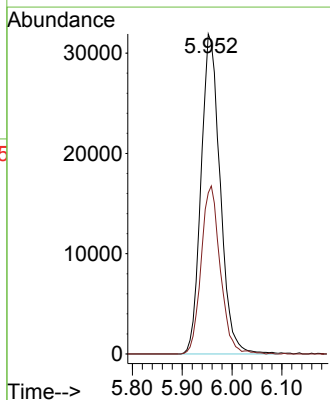
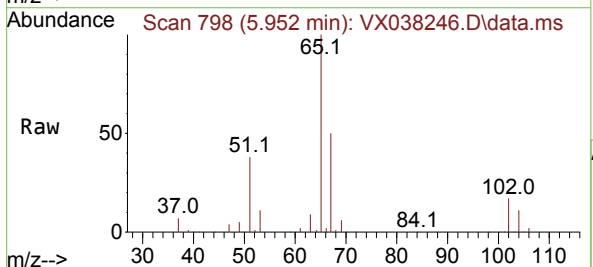


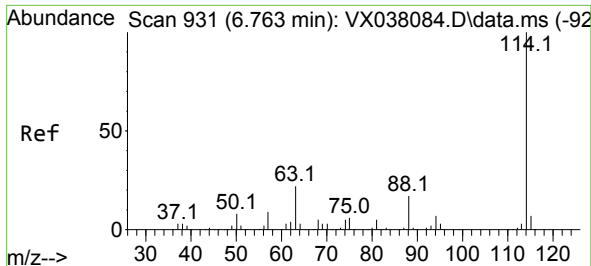
Tgt Ion: 56 Resp: 3126
Ion Ratio Lower Upper
56 100
69 133.0 23.4 35.2#
84 97.4 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 45.911 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

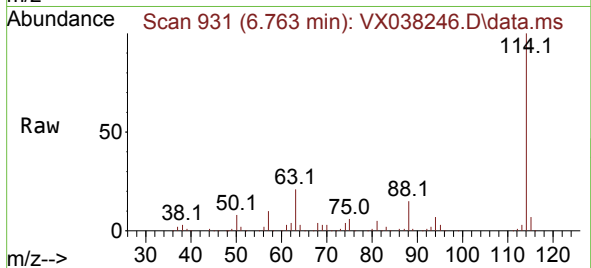
Tgt Ion: 65 Resp: 84823
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2



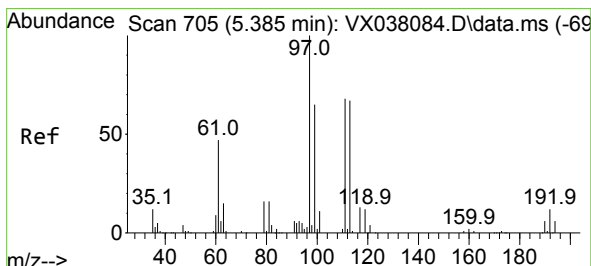
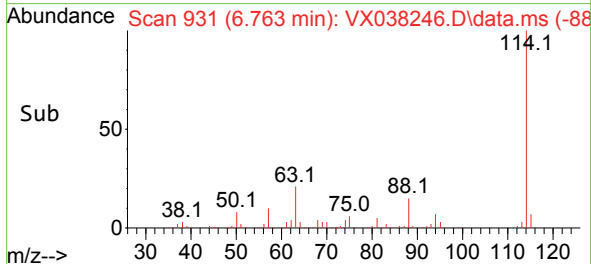
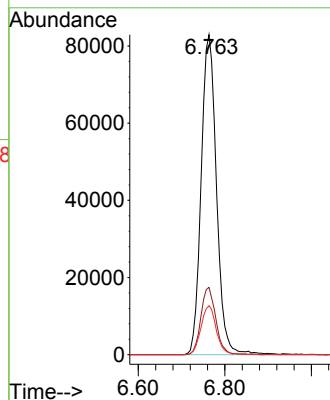


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :

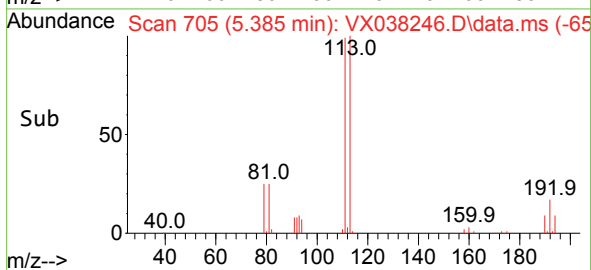
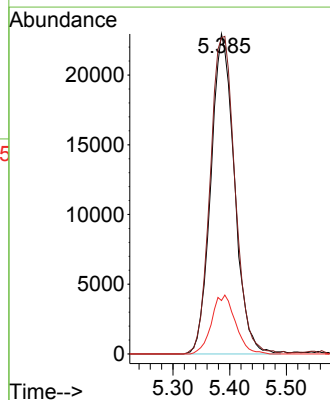
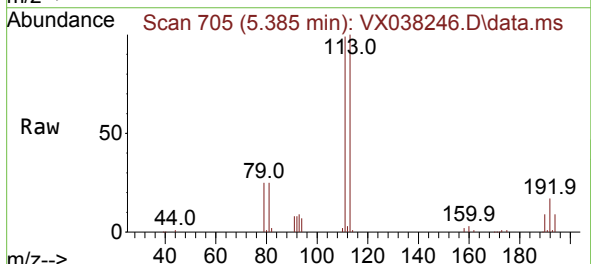


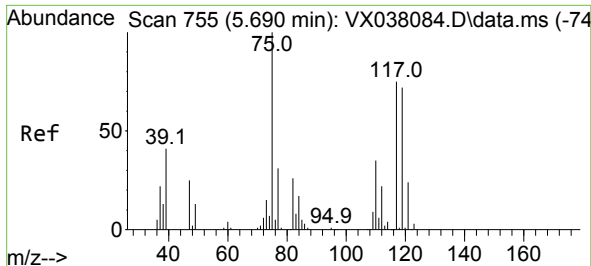
Tgt Ion:114 Resp: 203820
Ion Ratio Lower Upper
114 100
63 21.1 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.163 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

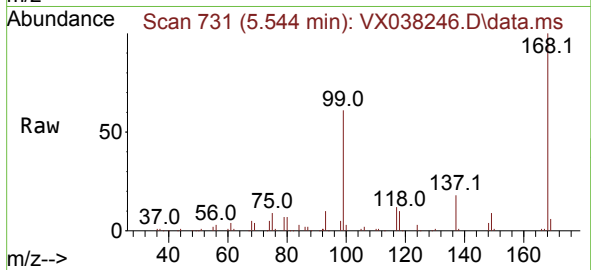
Tgt Ion:113 Resp: 66329
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 18.7 13.3 19.9



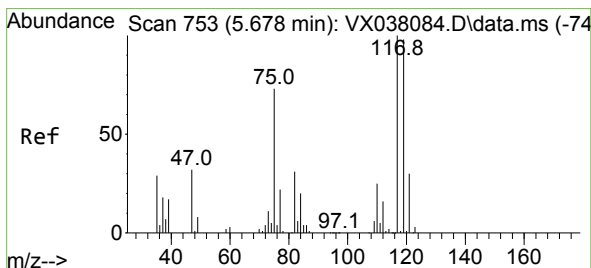
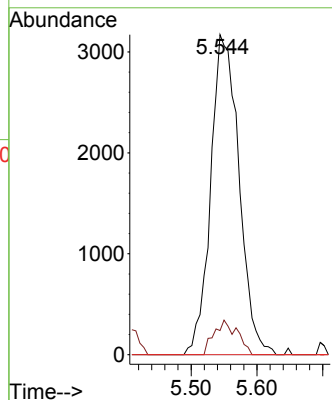
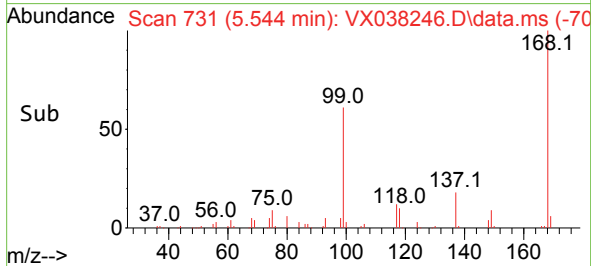


#36
1,1-Dichloropropene
Concen: 4.687 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

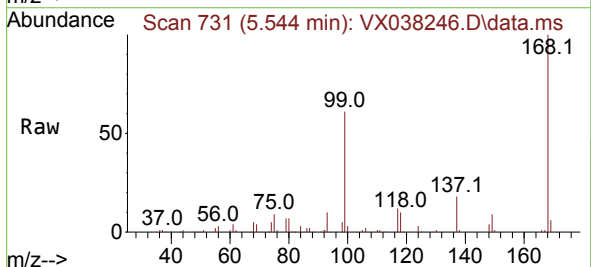
Instrument :
MSVOA_X
ClientSampleId :



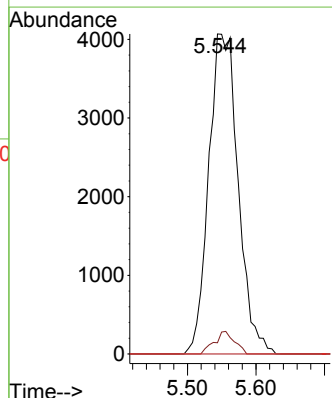
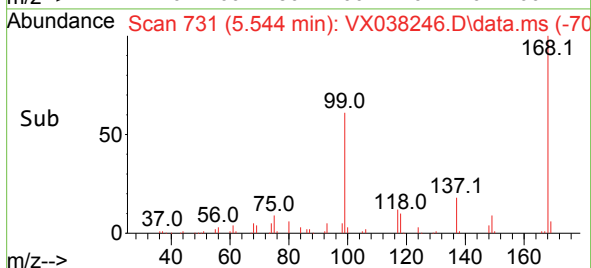
Tgt Ion: 75 Resp: 9492
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#

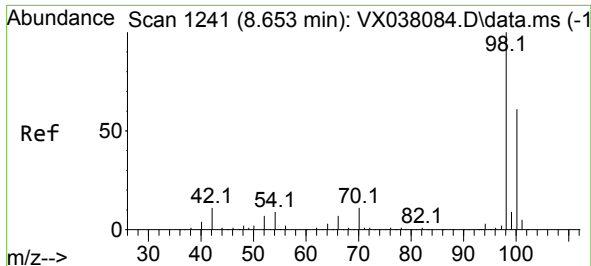


#38
Carbon Tetrachloride
Concen: 6.089 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01



Tgt Ion: 117 Resp: 12131
Ion Ratio Lower Upper
117 100
119 3.5 78.2 117.2#
121 0.0 24.4 36.6#

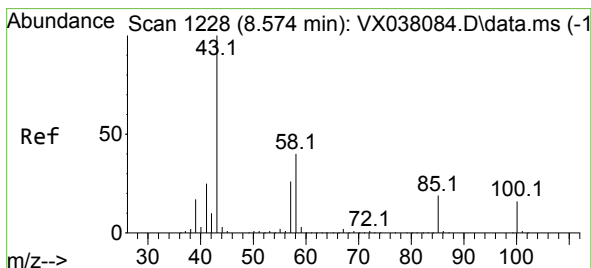
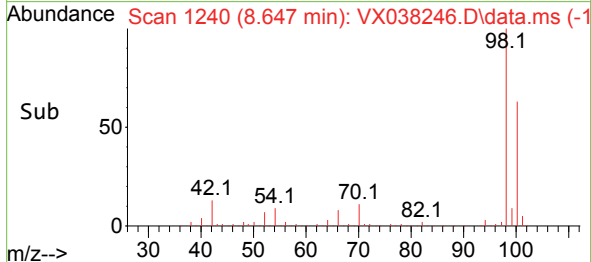
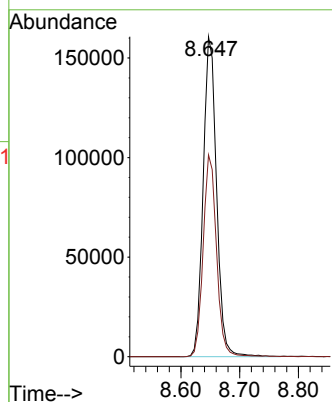
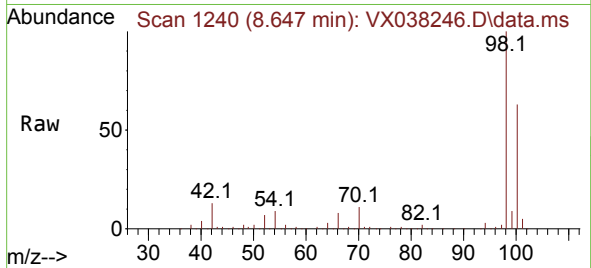




#50
Toluene-d8
Concen: 45.265 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

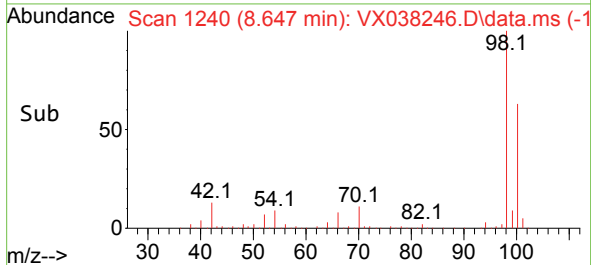
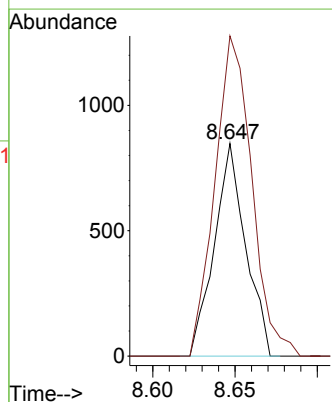
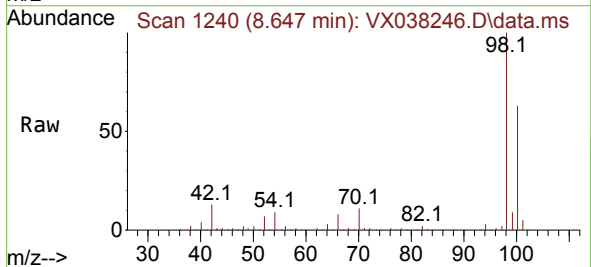
Instrument :
MSVOA_X
ClientSampleId :

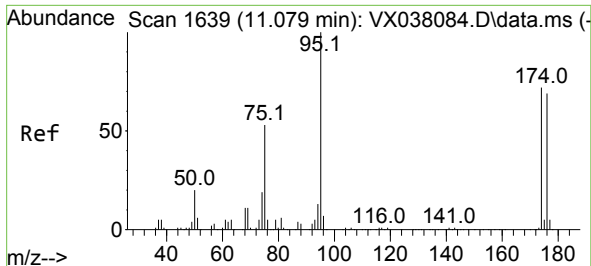
Tgt Ion: 98 Resp: 254031
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.452 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

Tgt Ion: 43 Resp: 1119
Ion Ratio Lower Upper
43 100
58 178.3 30.4 45.6#

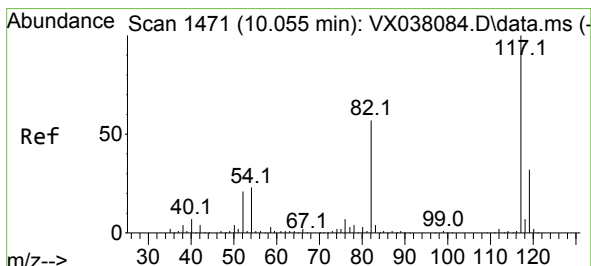
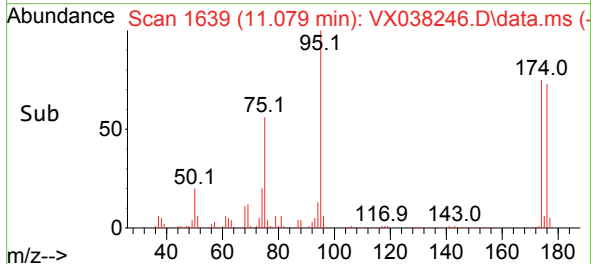
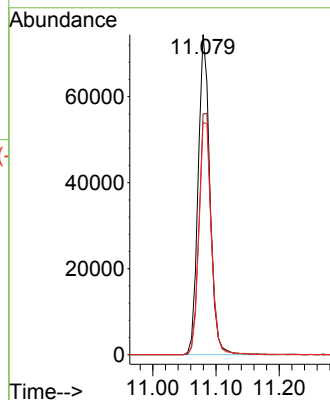
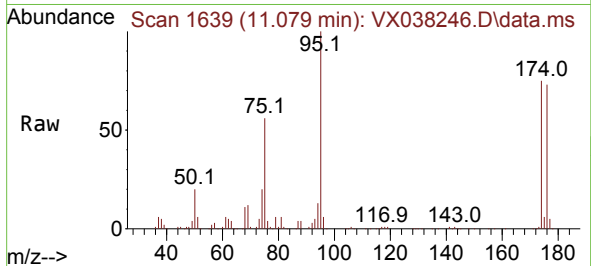




#62
4-Bromofluorobenzene
Concen: 45.257 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

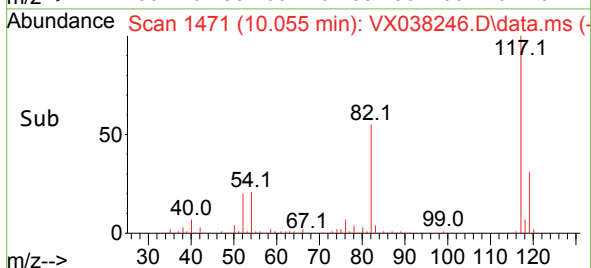
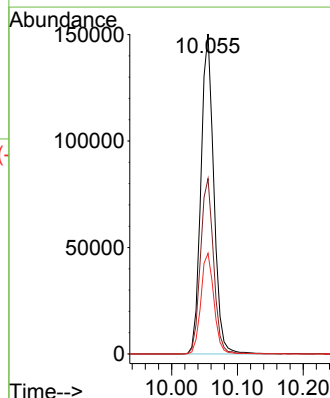
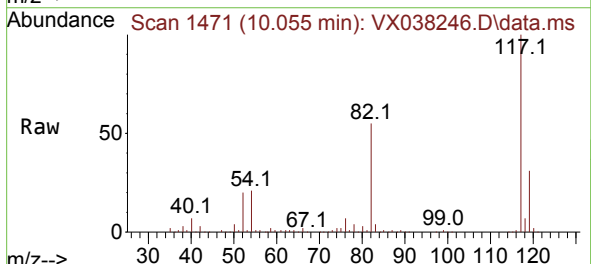
Instrument :
MSVOA_X
ClientSampleId :

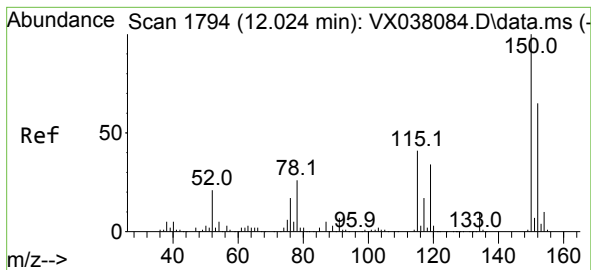
Tgt Ion: 95 Resp: 96288
Ion Ratio Lower Upper
95 100
174 79.8 0.0 135.6
176 76.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038246.D
Acq: 12 Oct 2023 11:01

Tgt Ion: 117 Resp: 204814
Ion Ratio Lower Upper
117 100
82 54.8 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# 1

Delta R.T. 0.000 min

Lab File: VX038246.D

Acq: 12 Oct 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

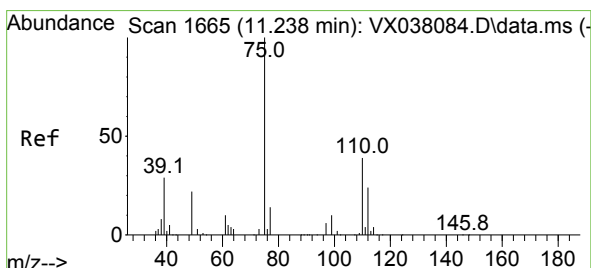
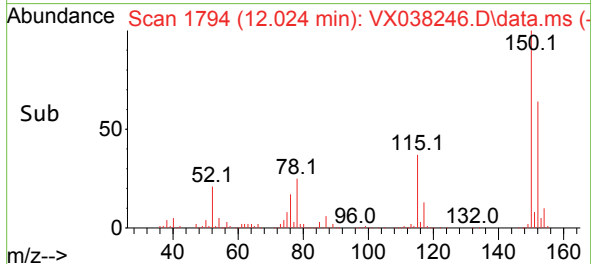
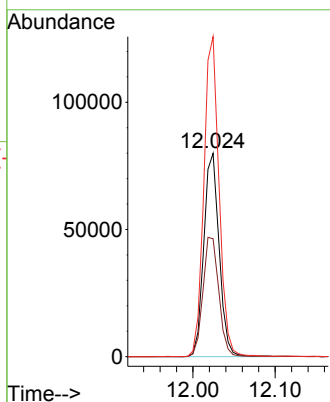
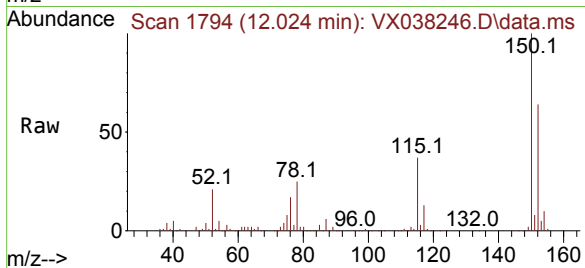
Tgt Ion:152 Resp: 103633

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 155.8 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.063 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038246.D

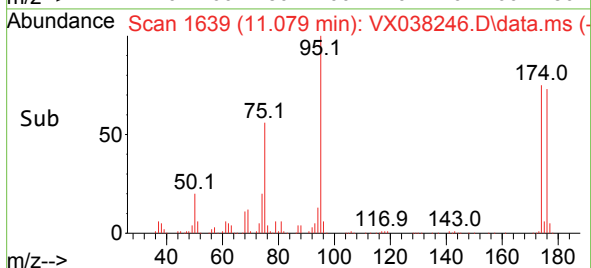
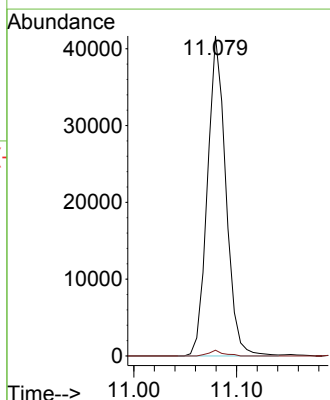
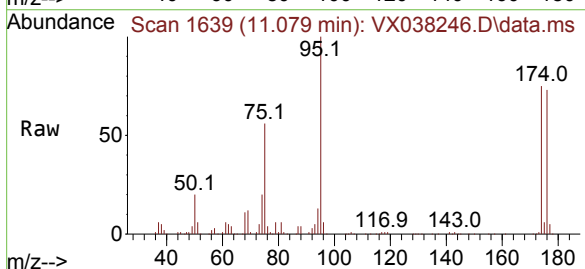
Acq: 12 Oct 2023 11:01

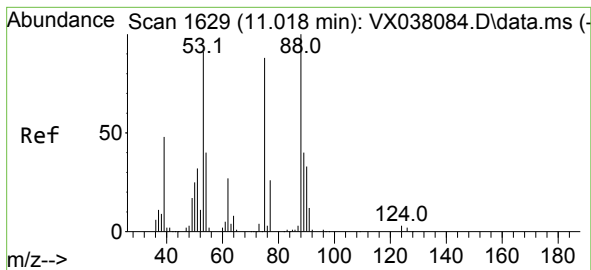
Tgt Ion: 75 Resp: 51979

Ion Ratio Lower Upper

75 100

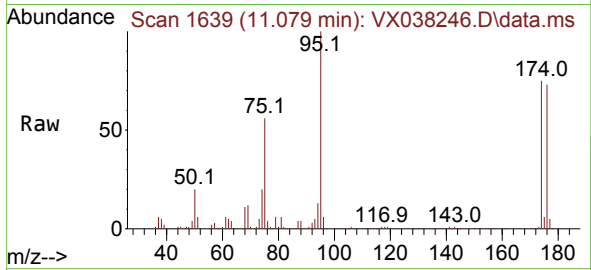
77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.258 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038246.D
 Acq: 12 Oct 2023 11:01

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 51979
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

