

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101823\
 Data File : VX038356.D
 Acq On : 18 Oct 2023 12:43
 Operator : JC/MD
 Sample : 04940-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 19 01:39:01 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)

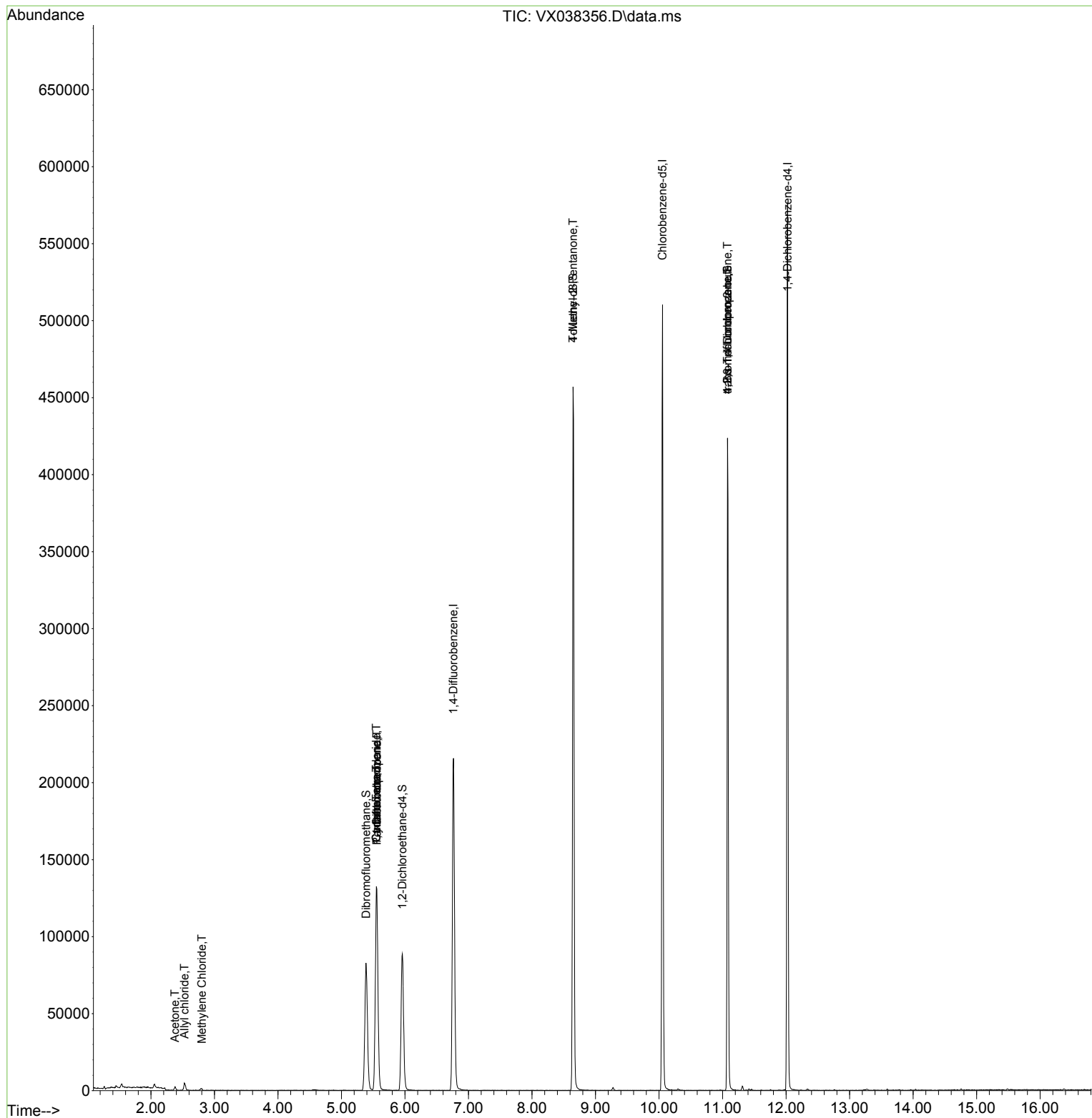
Internal Standards						
1) Pentafluorobenzene	5.556	168	122184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	221445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88736	45.152	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.300%
35) Dibromofluoromethane	5.385	113	69550	43.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.180%
50) Toluene-d8	8.647	98	278474	45.671	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.340%#
62) 4-Bromofluorobenzene	11.079	95	106217	45.950	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.900%
Target Compounds						
					Qvalue	
5) Bromomethane	1.703	94	27	Below Cal	#	3
6) Chloroethane	1.660	64	150	Below Cal	#	43
14) Allyl chloride	2.526	41	496	0.248	ug/l #	32
16) Acetone	2.380	43	2161	2.635	ug/l	95
20) Methylene Chloride	2.800	84	674	0.437	ug/l #	59
31) Cyclohexane	5.550	56	3008	1.413	ug/l #	5
36) 1,1-Dichloropropene	5.556	75	10362	4.709	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13156	6.078	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1252	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	59324	22.009	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	59324	63.115	ug/l #	5

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

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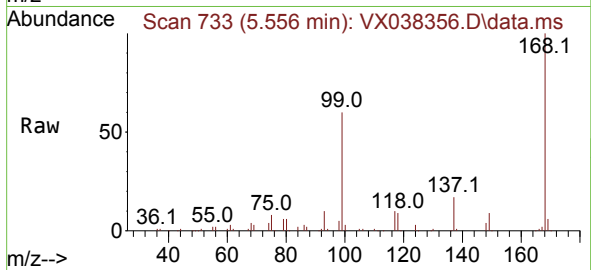
Quant Time: Oct 19 01:39:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



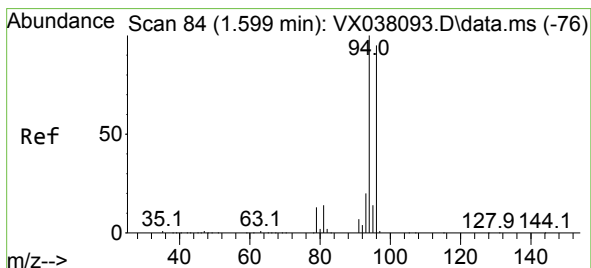
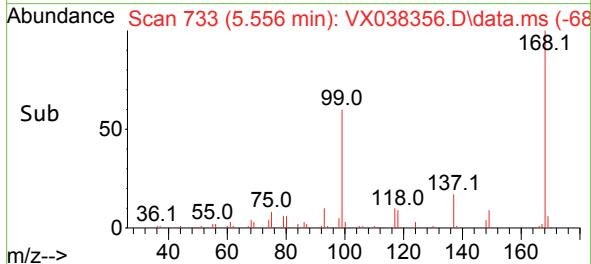
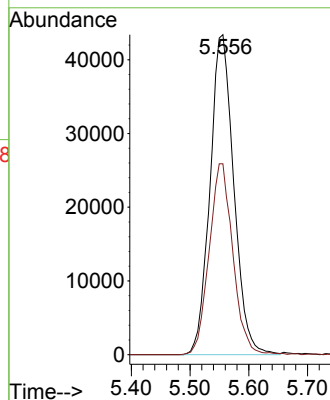


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :

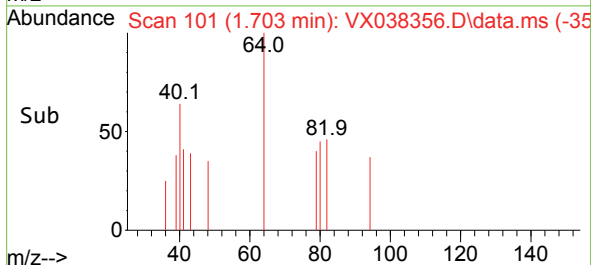
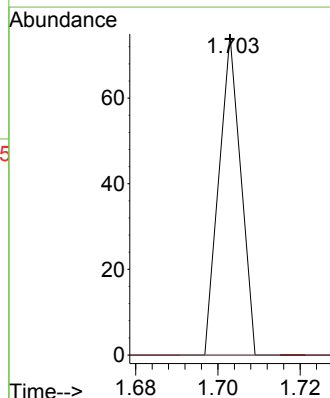
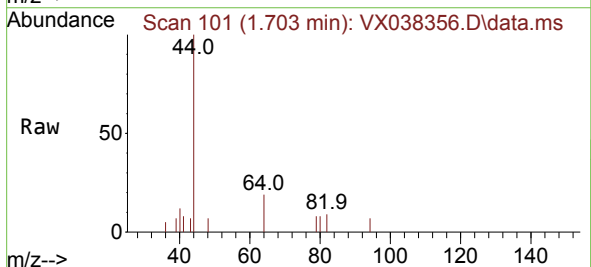


Tgt Ion:168 Resp: 122184
Ion Ratio Lower Upper
168 100
99 59.7 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.104 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

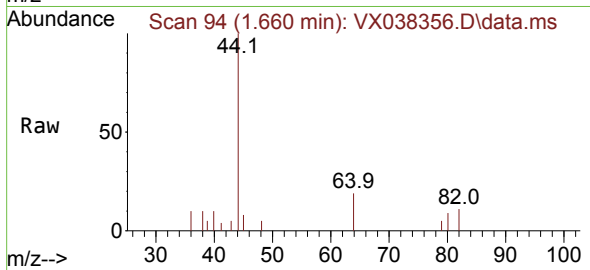
Tgt Ion: 94 Resp: 27
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



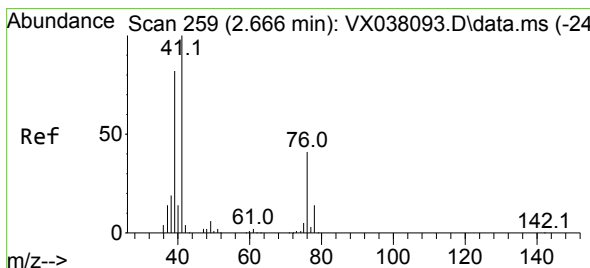
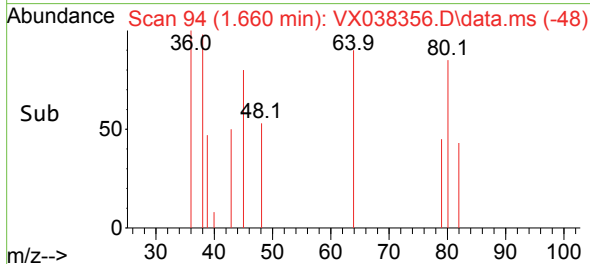
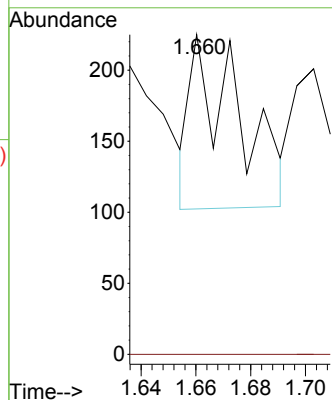


#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.019 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :

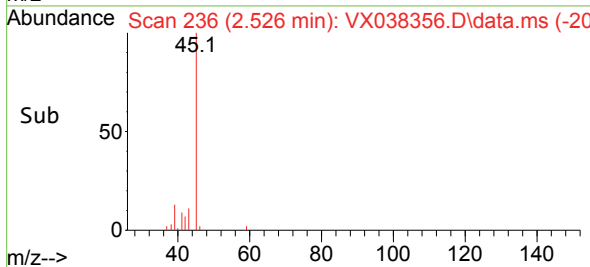
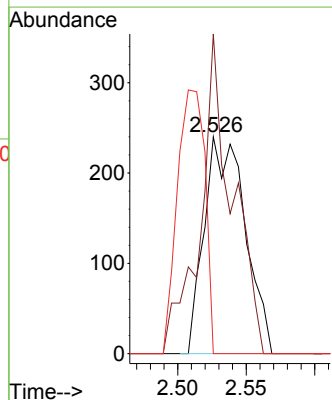
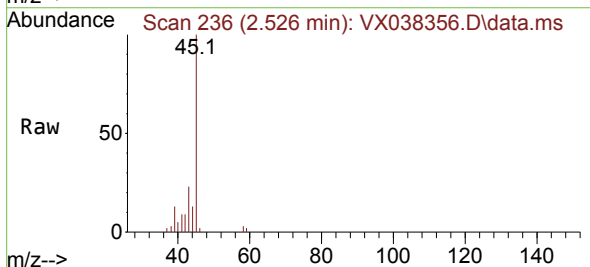


Tgt Ion: 64 Resp: 150
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#14
Allyl chloride
Concen: 0.248 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.134 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

Tgt Ion: 41 Resp: 496
Ion Ratio Lower Upper
41 100
39 115.7 55.8 83.6#
76 82.7 24.3 36.5#





#16

Acetone

Concen: 2.635 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038356.D

Acq: 18 Oct 2023 12:43

Instrument :

MSVOA_X

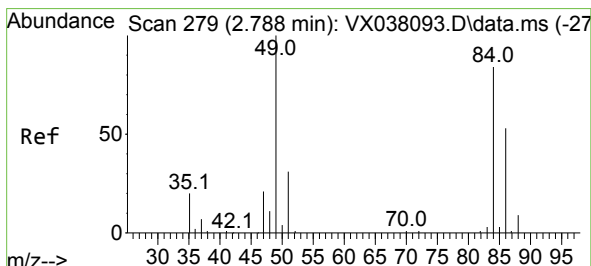
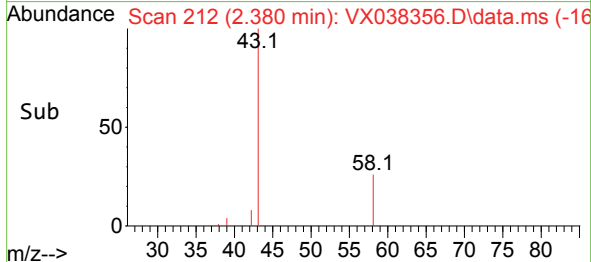
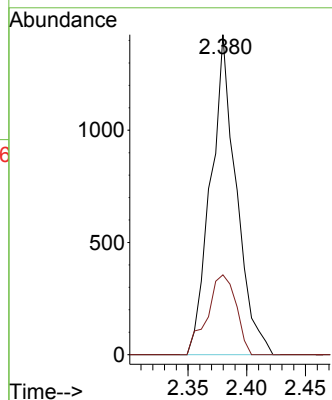
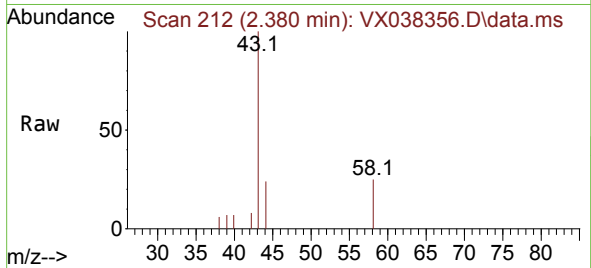
ClientSampleId :

Tgt Ion: 43 Resp: 2161

Ion Ratio Lower Upper

43 100

58 25.0 21.9 32.9



#20

Methylene Chloride

Concen: 0.437 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.012 min

Lab File: VX038356.D

Acq: 18 Oct 2023 12:43

Tgt Ion: 84 Resp: 674

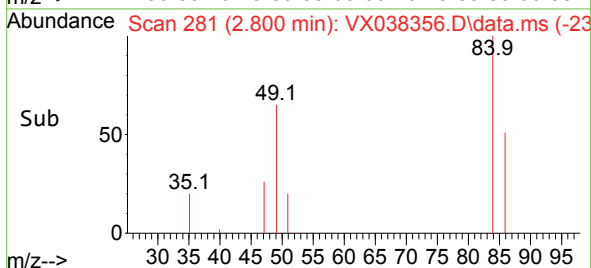
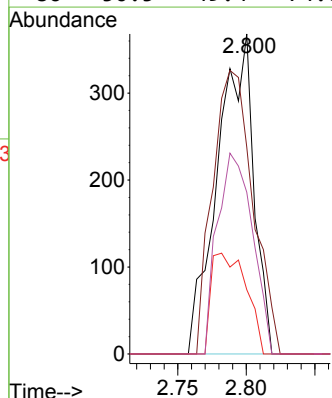
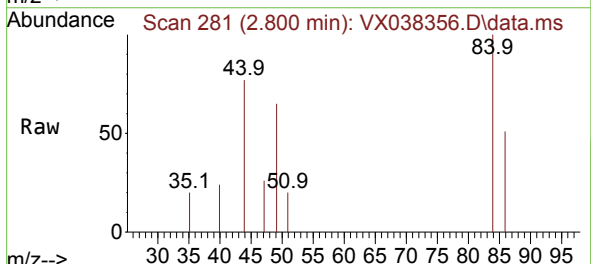
Ion Ratio Lower Upper

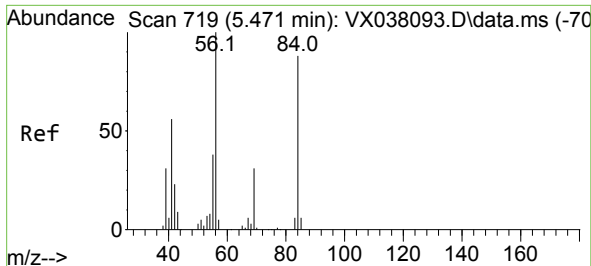
84 100

49 64.7 103.6 155.4#

51 20.1 33.8 50.6#

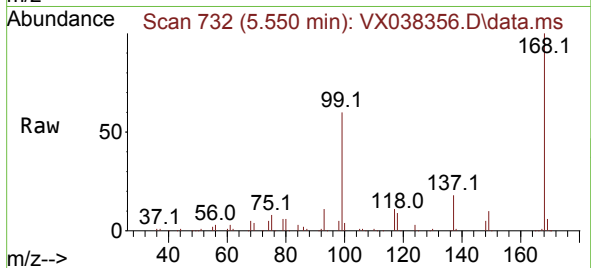
86 50.5 49.4 74.0



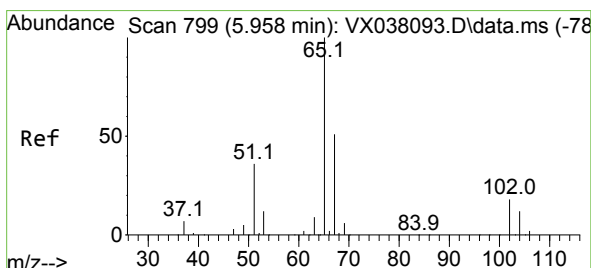
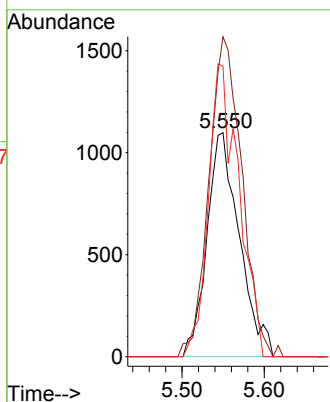
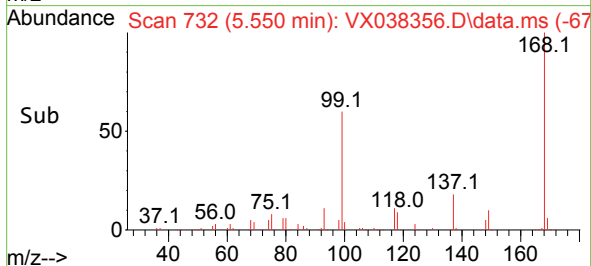


#31
Cyclohexane
Concen: 1.413 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :

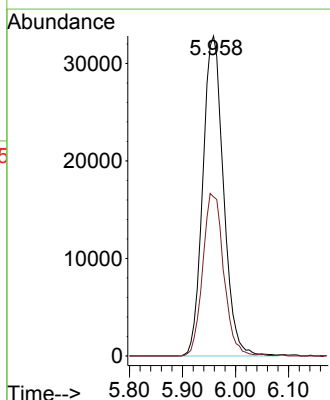
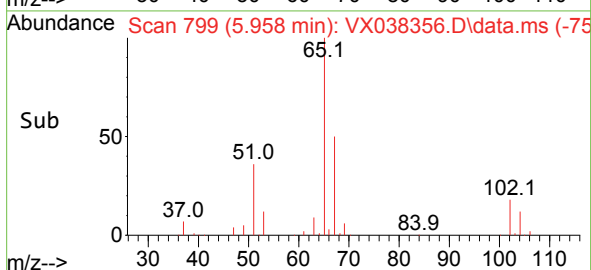
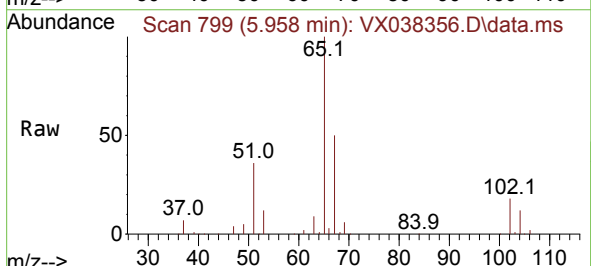


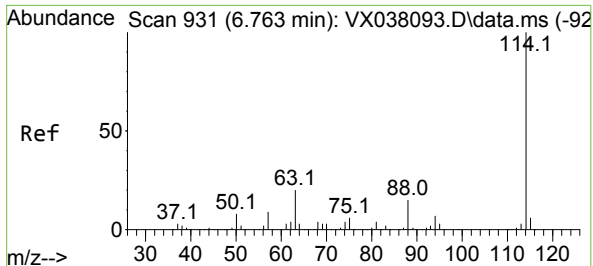
Tgt Ion: 56 Resp: 3008
Ion Ratio Lower Upper
56 100
69 142.9 23.4 35.2#
84 129.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.152 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

Tgt Ion: 65 Resp: 88736
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

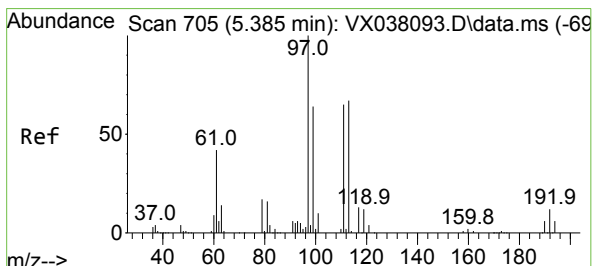
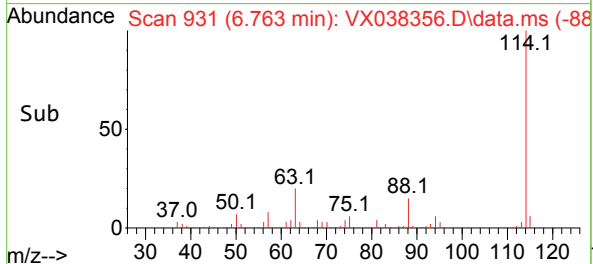
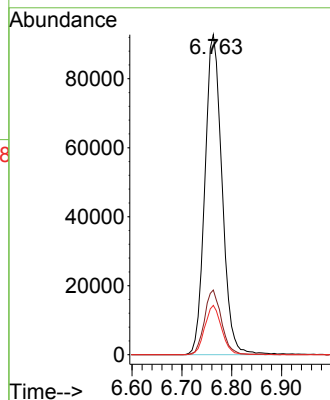
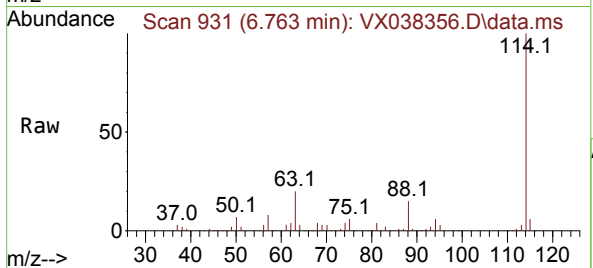




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

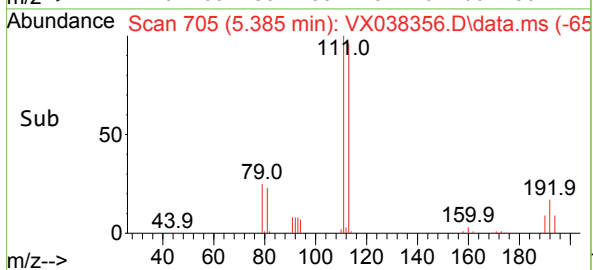
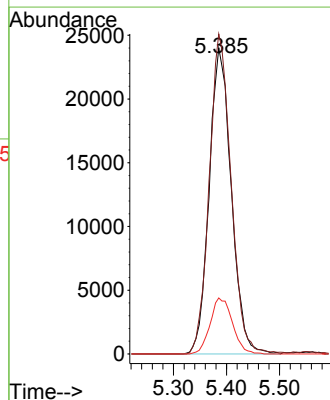
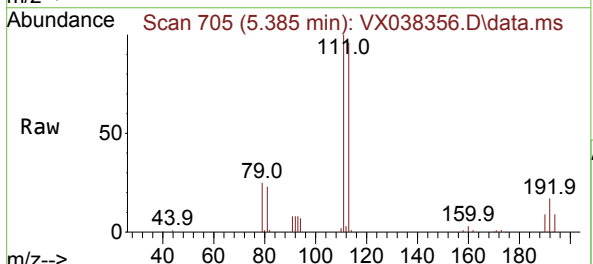
Instrument :
MSVOA_X
ClientSampleId :

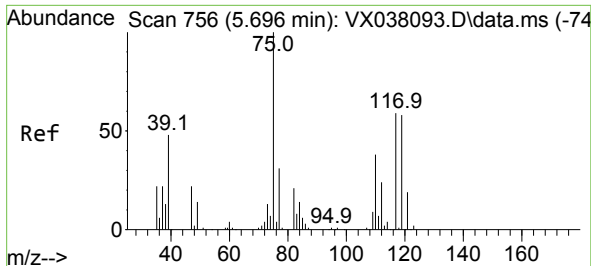
Tgt Ion:114 Resp: 221445
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.587 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

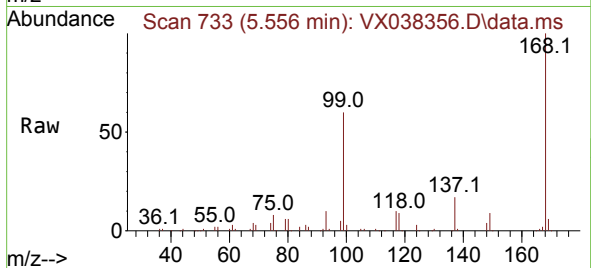
Tgt Ion:113 Resp: 69550
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.5 13.3 19.9



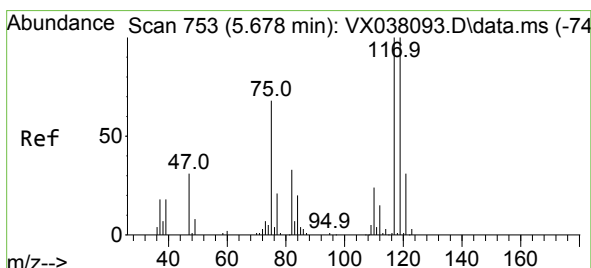
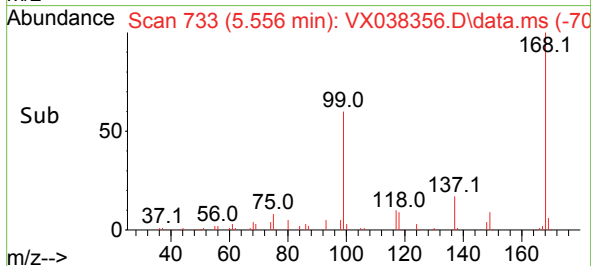
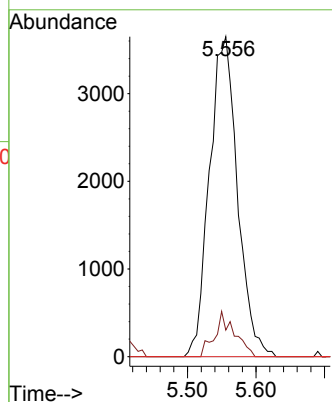


#36
1,1-Dichloropropene
Concen: 4.709 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

Instrument :
MSVOA_X
ClientSampleId :

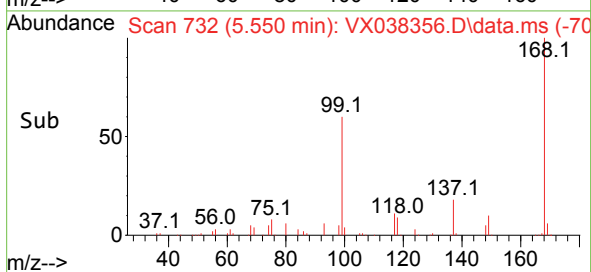
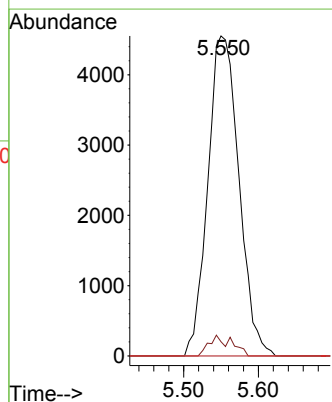
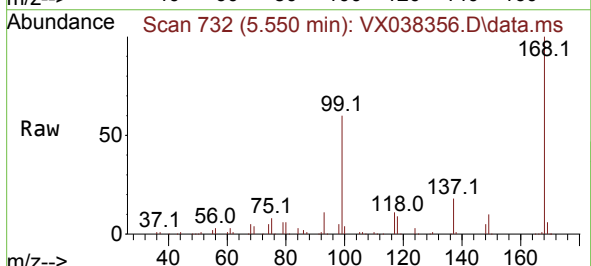


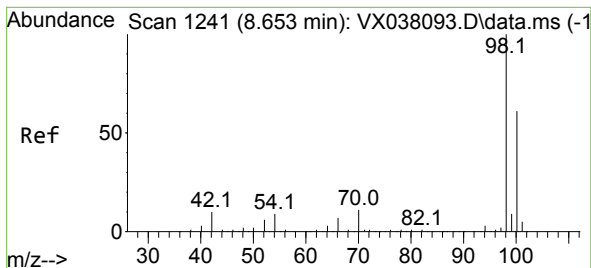
Tgt Ion: 75 Resp: 10362
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.078 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

Tgt Ion: 117 Resp: 13156
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 45.671 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX038356.D

Acq: 18 Oct 2023 12:43

Instrument :

MSVOA_X

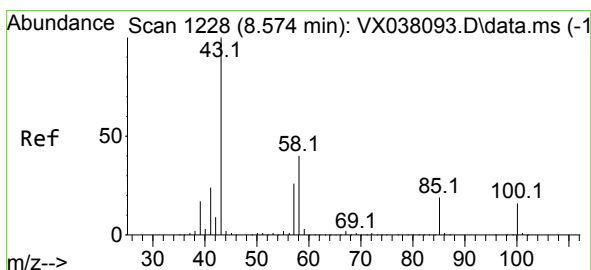
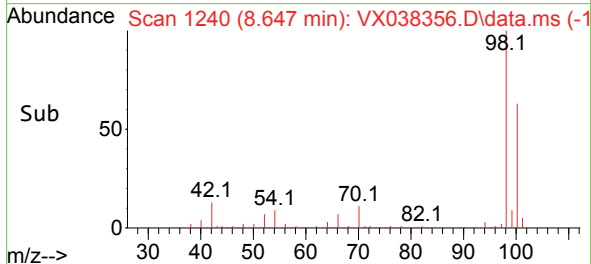
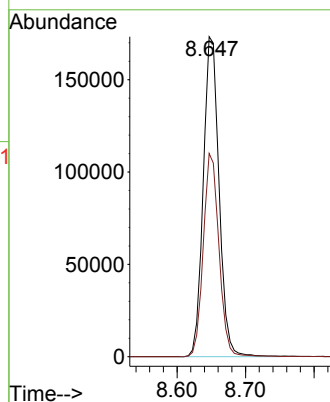
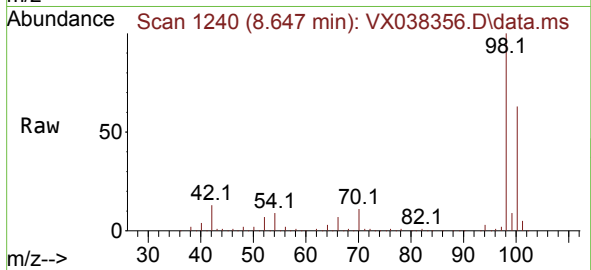
ClientSampleId :

Tgt Ion: 98 Resp: 278474

Ion Ratio Lower Upper

98 100

100 63.0 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.465 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX038356.D

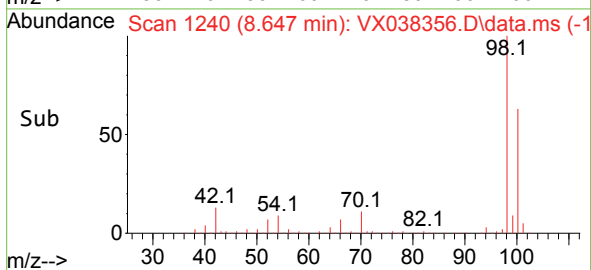
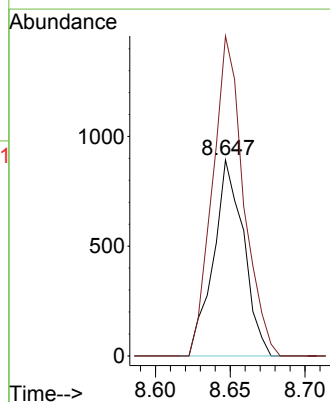
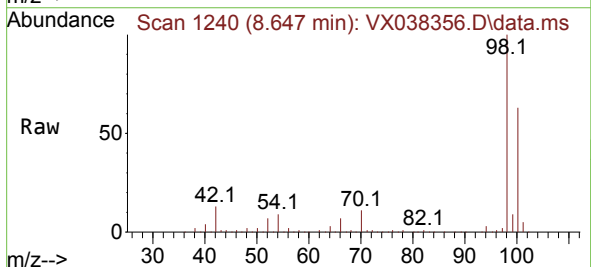
Acq: 18 Oct 2023 12:43

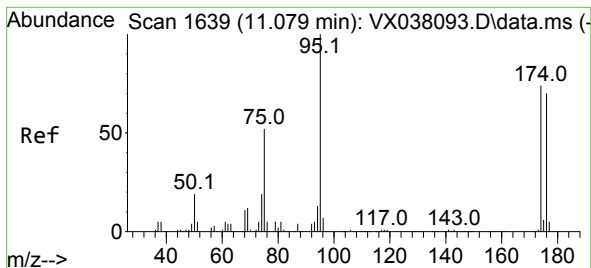
Tgt Ion: 43 Resp: 1252

Ion Ratio Lower Upper

43 100

58 167.9 30.4 45.6#

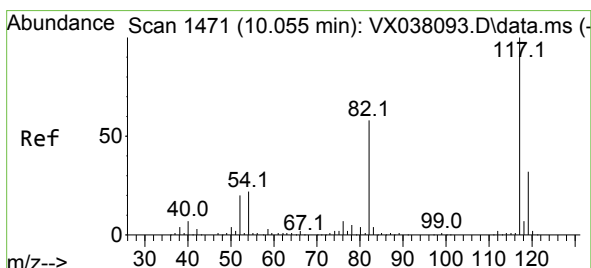
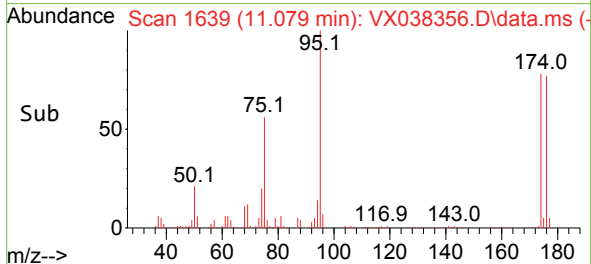
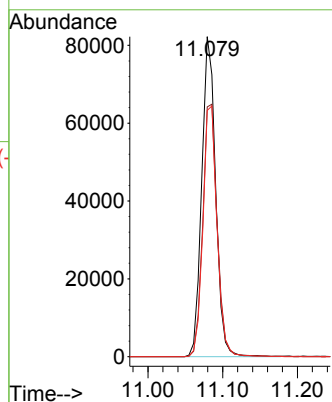
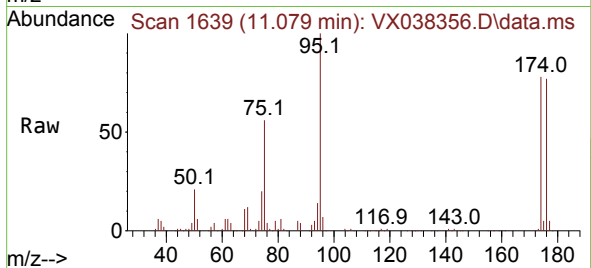




#62
4-Bromofluorobenzene
Concen: 45.950 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

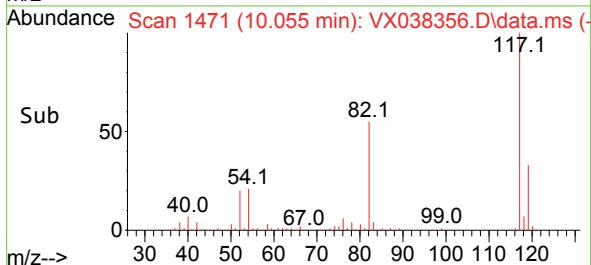
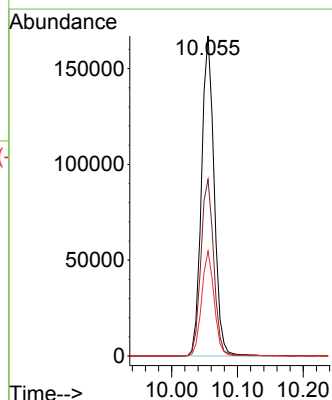
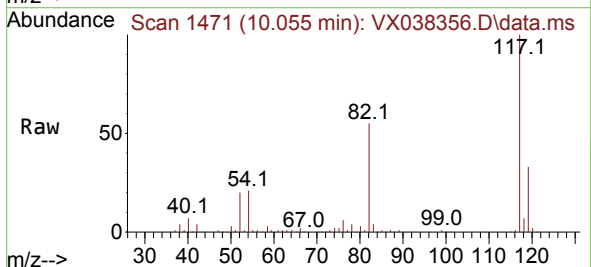
Instrument :
MSVOA_X
ClientSampleId :

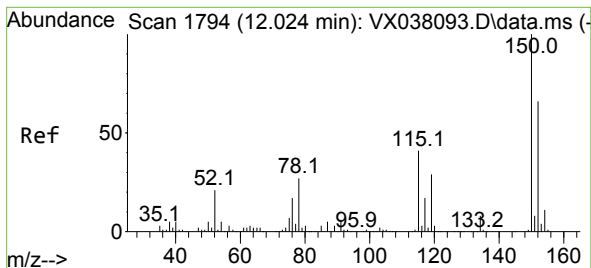
Tgt Ion: 95 Resp: 106217
Ion Ratio Lower Upper
95 100
174 81.6 0.0 135.6
176 79.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038356.D
Acq: 18 Oct 2023 12:43

Tgt Ion: 117 Resp: 223103
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 32.7 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: VX038356.D

Acq: 18 Oct 2023 12:43

Instrument :

MSVOA_X

ClientSampleId :

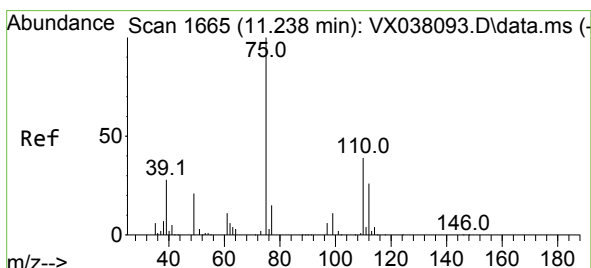
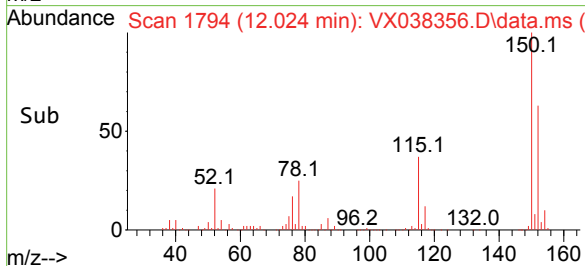
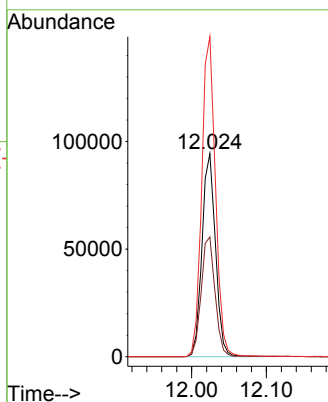
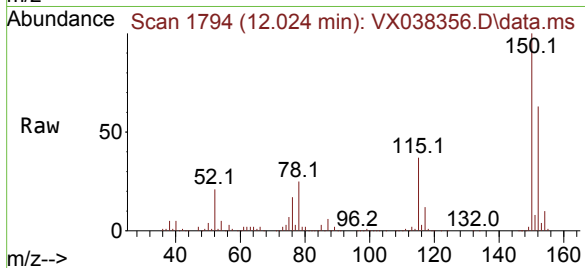
Tgt Ion:152 Resp: 118564

Ion Ratio Lower Upper

152 100

115 60.7 43.3 129.9

150 159.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.009 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038356.D

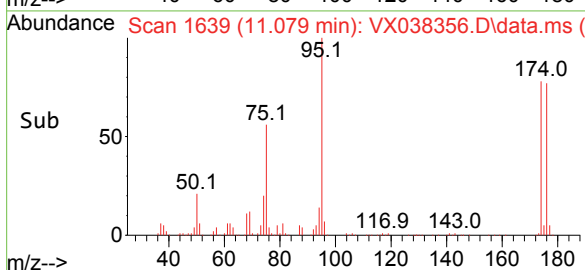
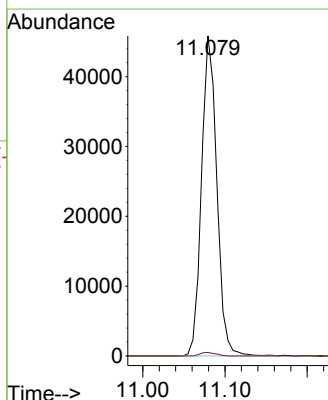
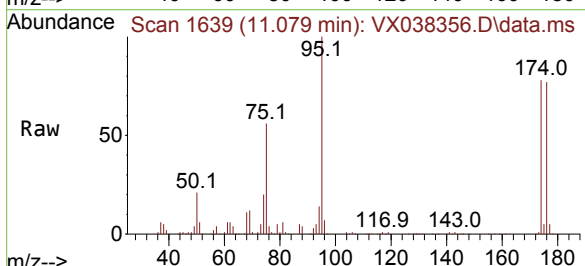
Acq: 18 Oct 2023 12:43

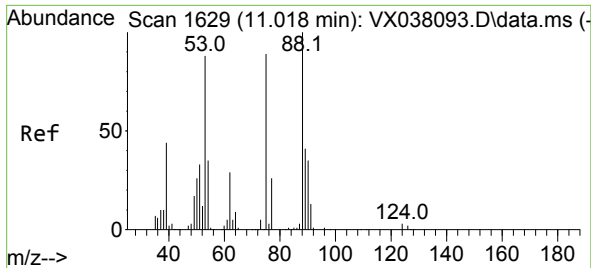
Tgt Ion: 75 Resp: 59324

Ion Ratio Lower Upper

75 100

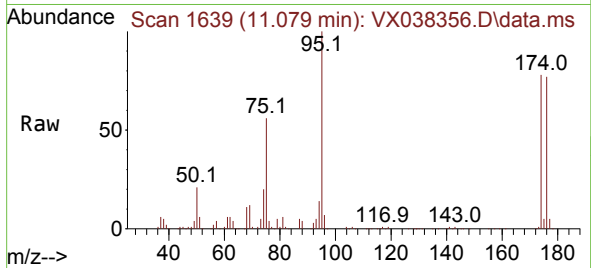
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.115 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX038356.D
 Acq: 18 Oct 2023 12:43

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 59324
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

