

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039447.D
 Acq On : 22 Dec 2023 17:58
 Operator : JC/MD
 Sample : 05966-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:28:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

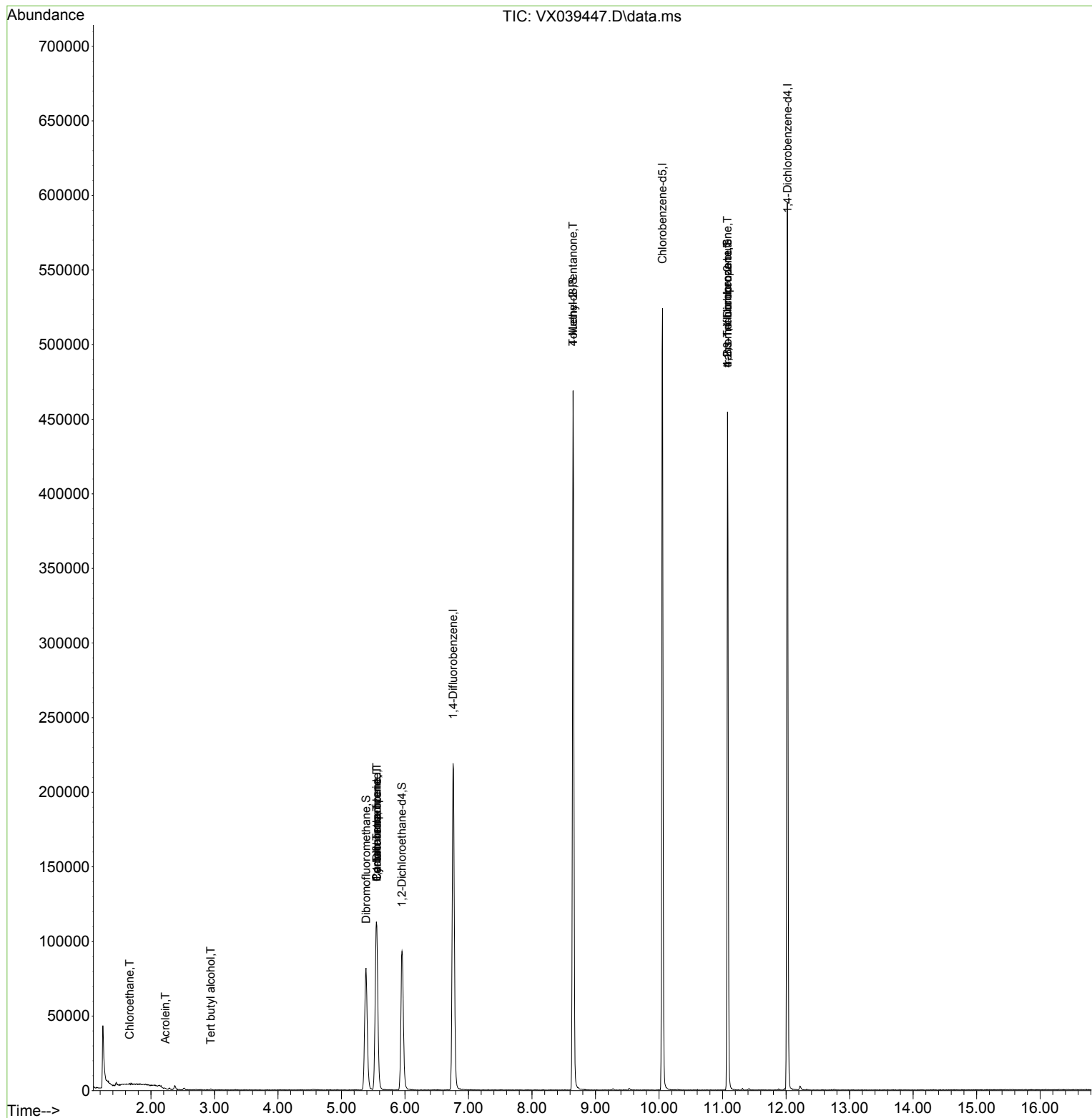
Internal Standards						
1) Pentafluorobenzene	5.556	168	97832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	113442	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91521	51.066	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.140%	
35) Dibromofluoromethane	5.385	113	70728	48.244	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.480%	
50) Toluene-d8	8.647	98	269111	49.443	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.880%	
62) 4-Bromofluorobenzene	11.079	95	121168	53.956	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.920%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.666	64	331	0.388	ug/l #	51
11) Tert butyl alcohol	2.940	59	443	0.984	ug/l #	78
13) Acrolein	2.227	56	119	0.331	ug/l #	67
16) Acetone	2.373	43	3315	Below Cal	#	88
31) Cyclohexane	5.556	56	2807	1.213	ug/l #	48
36) 1,1-Dichloropropene	5.556	75	10140	4.383	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11291	5.114	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1407	0.475	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	67243	22.911	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	67243	64.632	ug/l #	5

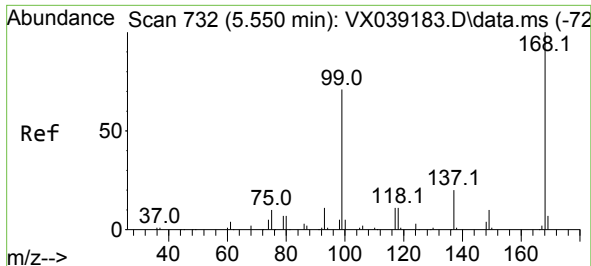
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration

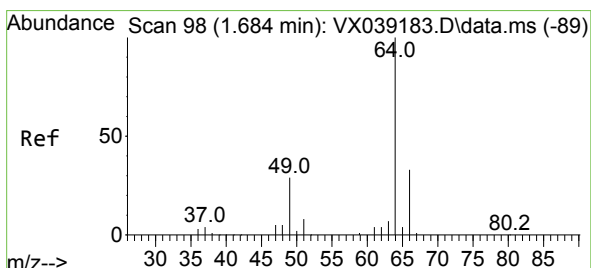
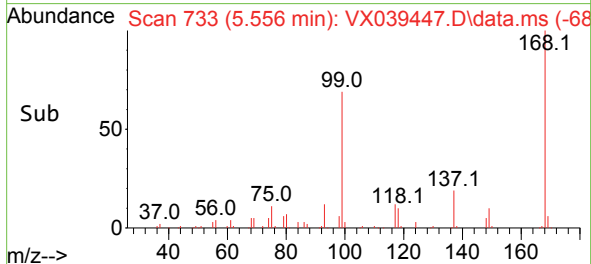
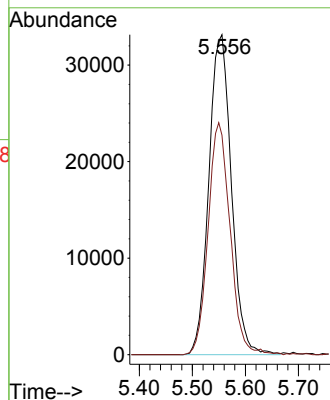
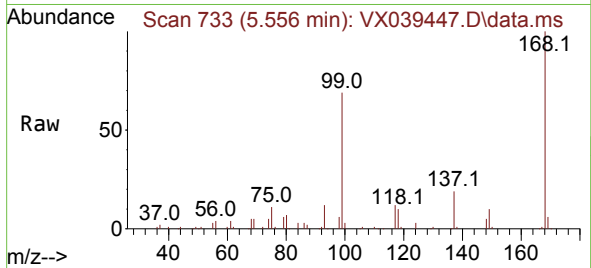




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

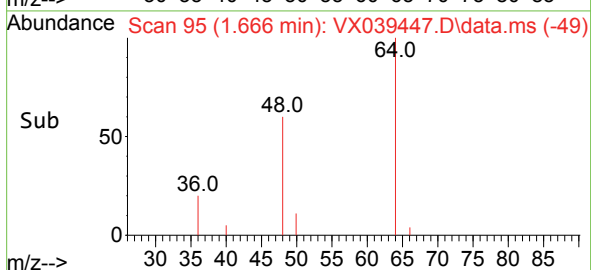
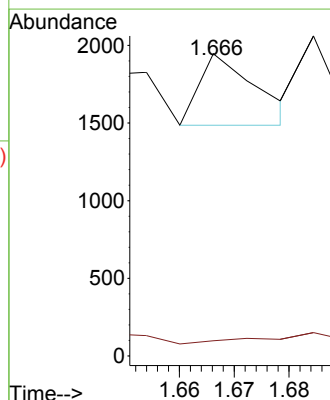
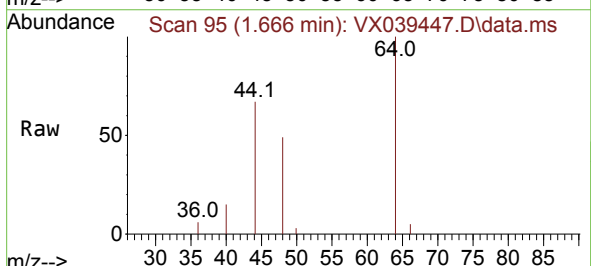
Instrument :
MSVOA_X
ClientSampleId :

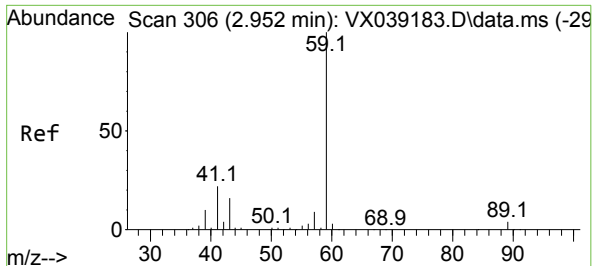
Tgt Ion:168 Resp: 97832
Ion Ratio Lower Upper
168 100
99 68.6 56.6 85.0



#6
Chloroethane
Concen: 0.388 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.018 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

Tgt Ion: 64 Resp: 331
Ion Ratio Lower Upper
64 100
66 4.6 25.1 37.7#

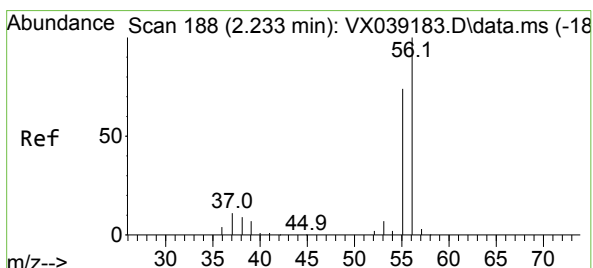
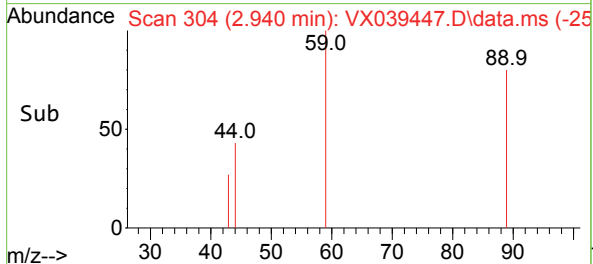
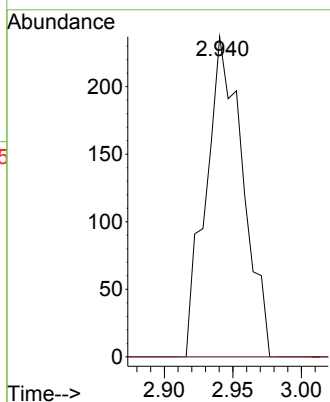
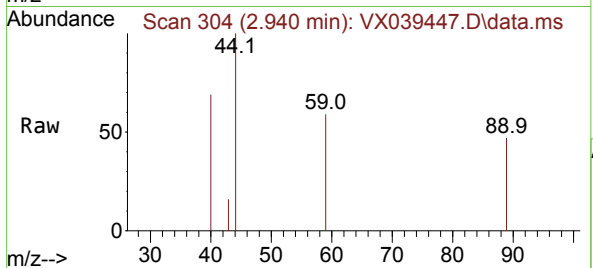




#11
Tert butyl alcohol
Concen: 0.984 ug/l
RT: 2.940 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

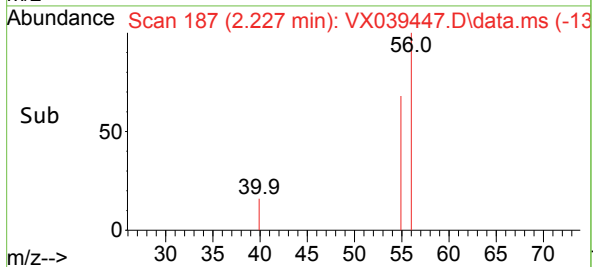
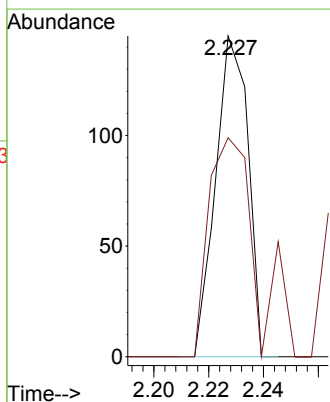
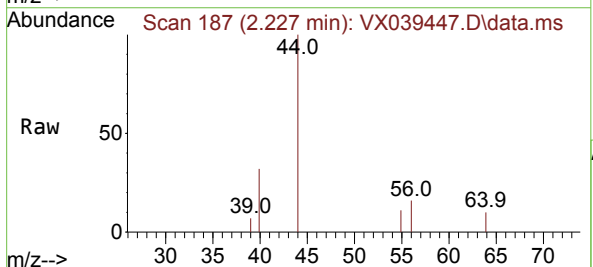
Instrument :
MSVOA_X
ClientSampleId :

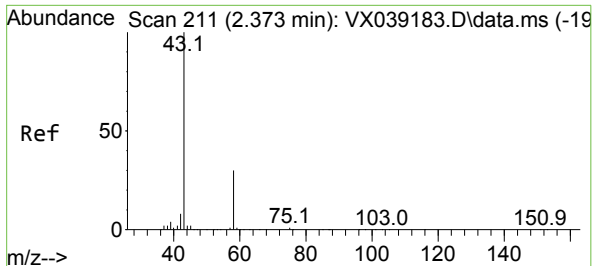
Tgt Ion: 59 Resp: 443
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.331 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

Tgt Ion: 56 Resp: 119
Ion Ratio Lower Upper
56 100
55 99.2 57.1 85.7#

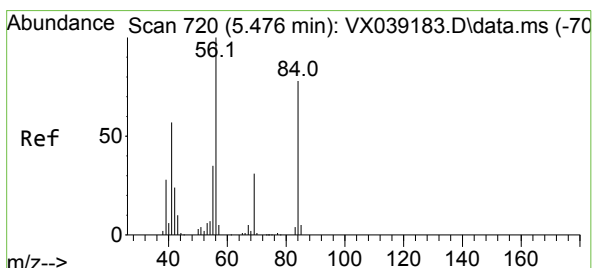
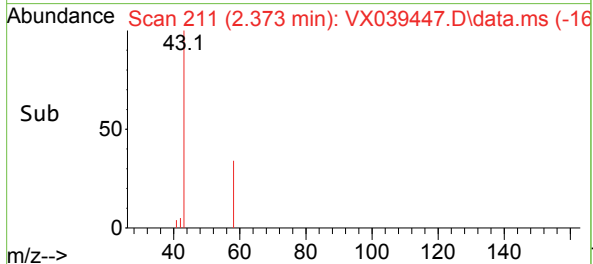
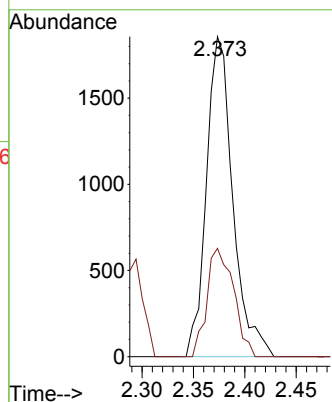
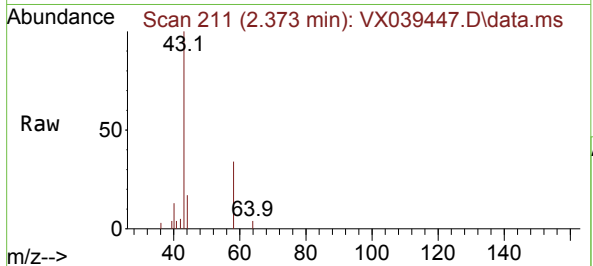




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

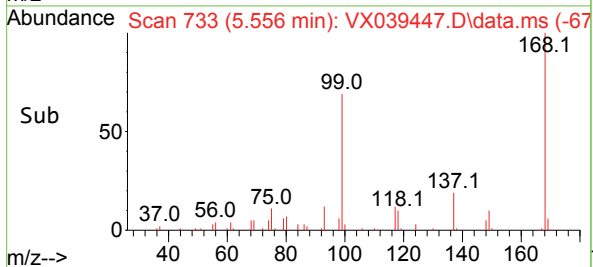
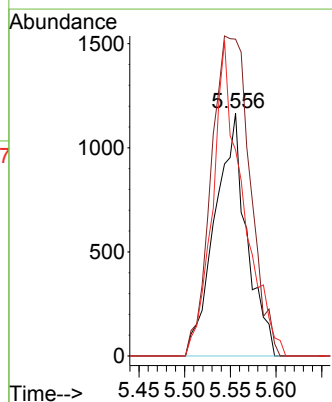
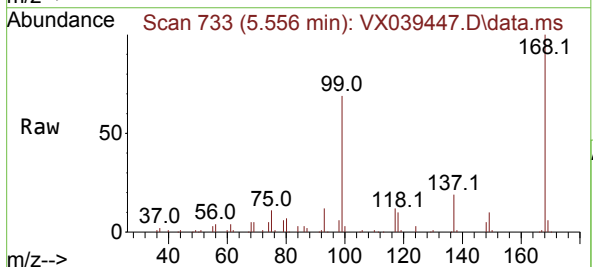
Instrument :
MSVOA_X
ClientSampleId :

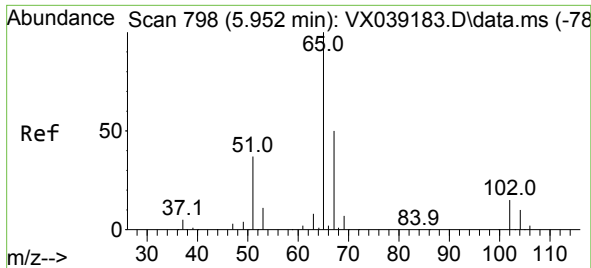
Tgt Ion: 43 Resp: 3315
Ion Ratio Lower Upper
43 100
58 33.8 21.9 32.9#



#31
Cyclohexane
Concen: 1.213 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

Tgt Ion: 56 Resp: 2807
Ion Ratio Lower Upper
56 100
69 130.5 23.4 35.2#
84 84.9 65.9 98.9

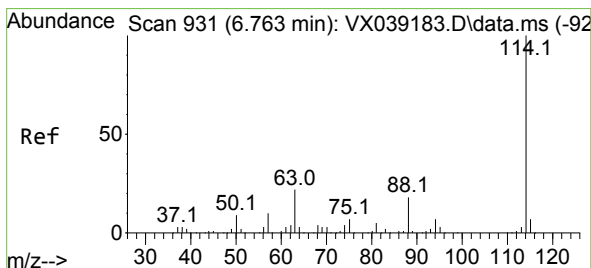
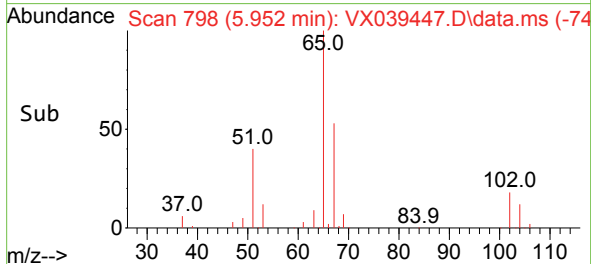
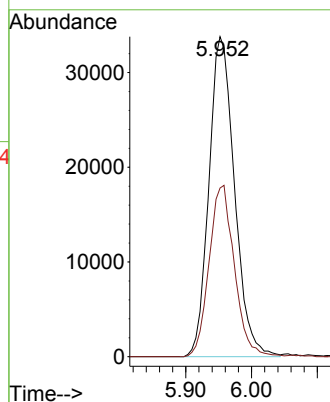
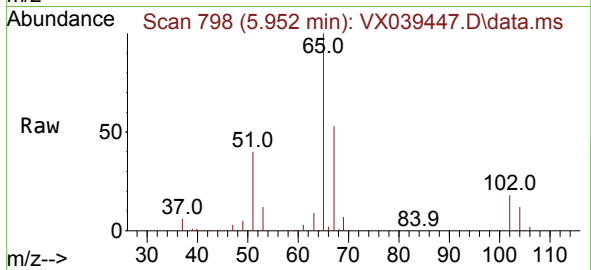




#33
 1,2-Dichloroethane-d4
 Concen: 51.066 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039447.D
 Acq: 22 Dec 2023 17:58

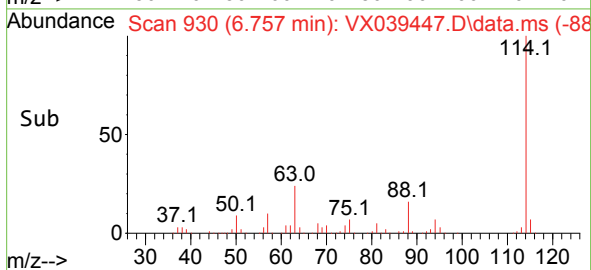
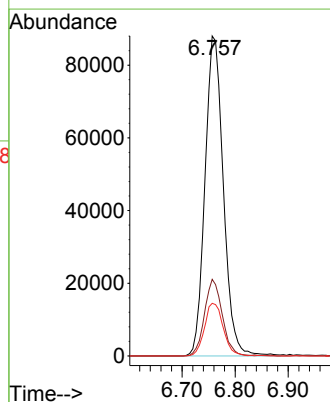
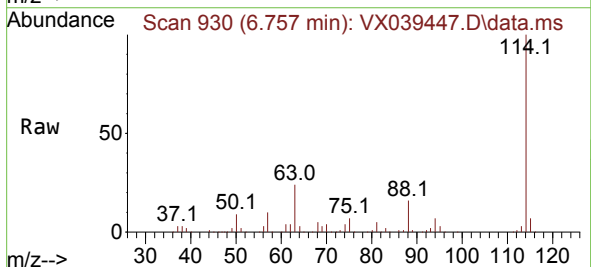
Instrument :
 MSVOA_X
 ClientSampleId :

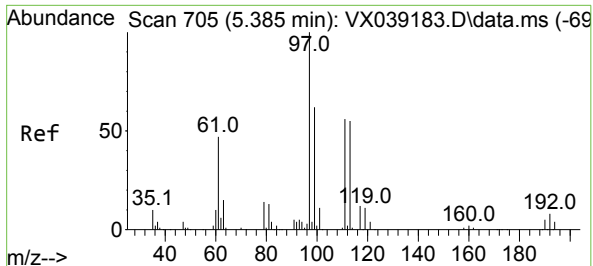
Tgt Ion: 65 Resp: 91521
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039447.D
 Acq: 22 Dec 2023 17:58

Tgt Ion: 114 Resp: 212212
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 45.0
 88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.244 ug/l

RT: 5.385 min Scan# 707

Delta R.T. 0.000 min

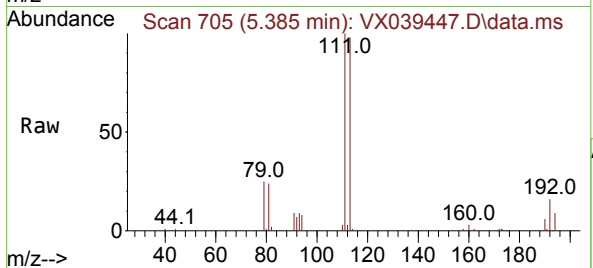
Lab File: VX039447.D

Acq: 22 Dec 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :



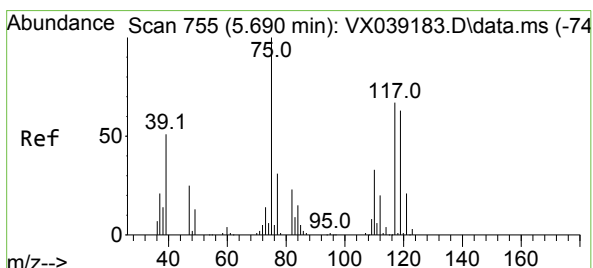
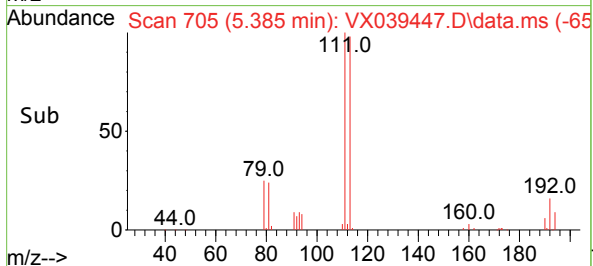
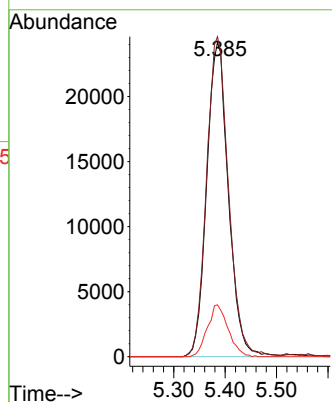
Tgt Ion:113 Resp: 70728

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 15.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.383 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX039447.D

Acq: 22 Dec 2023 17:58

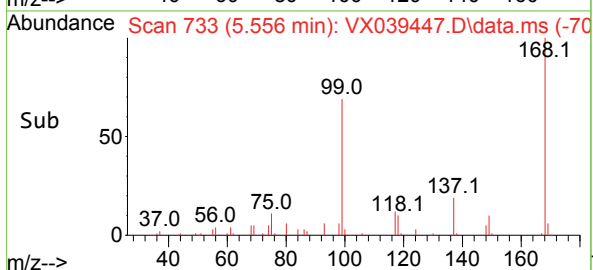
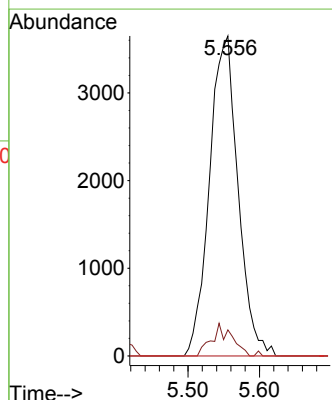
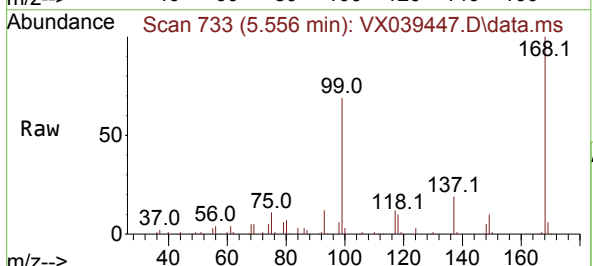
Tgt Ion: 75 Resp: 10140

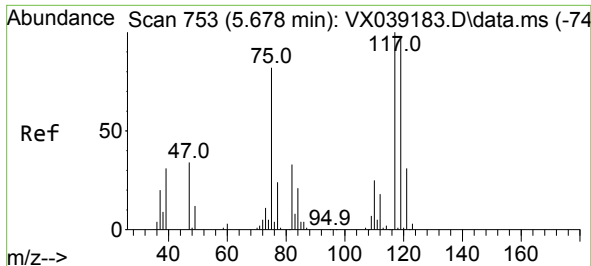
Ion Ratio Lower Upper

75 100

110 7.1 17.0 50.9#

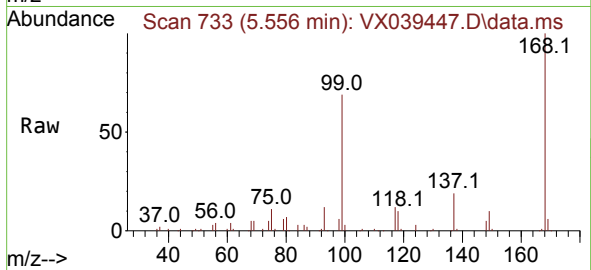
77 0.0 24.7 37.1#



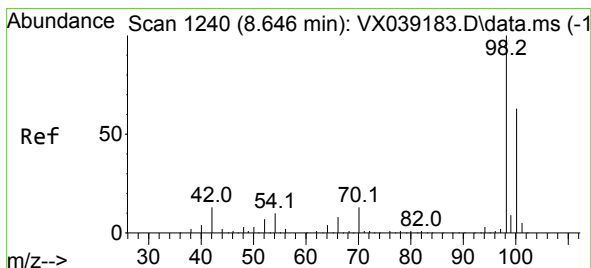
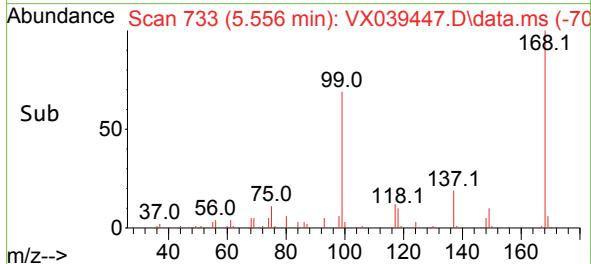
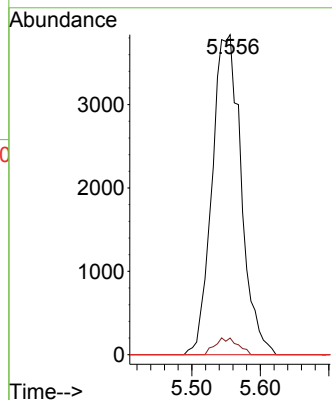


#38
Carbon Tetrachloride
Concen: 5.114 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

Instrument :
MSVOA_X
ClientSampleId :

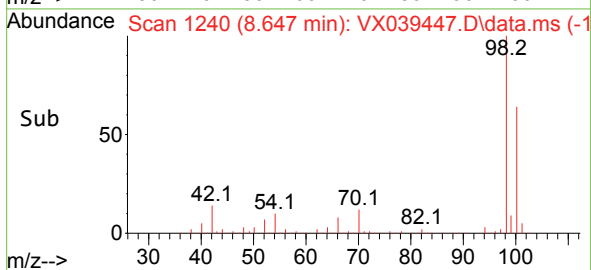
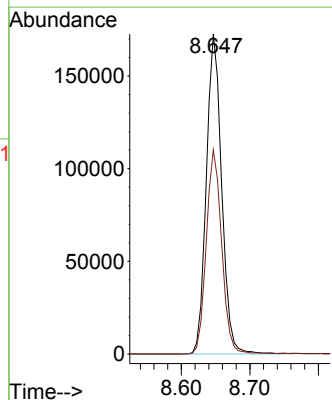
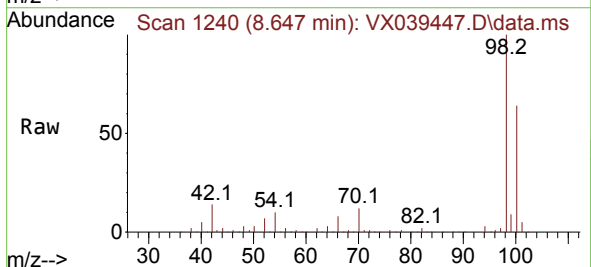


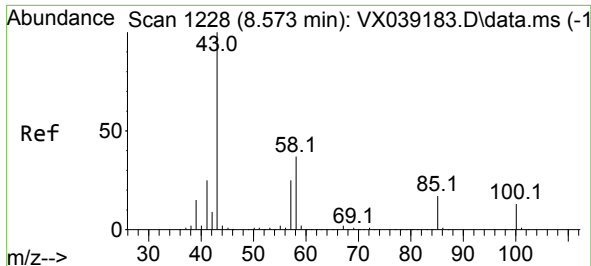
Tgt Ion:117 Resp: 11291
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.443 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

Tgt Ion: 98 Resp: 269111
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

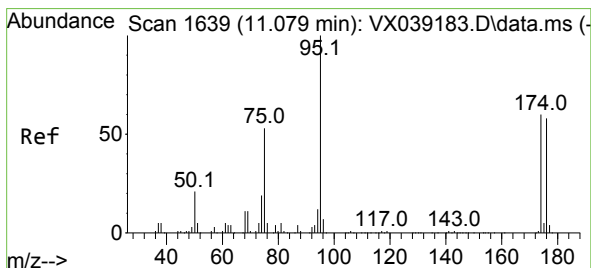
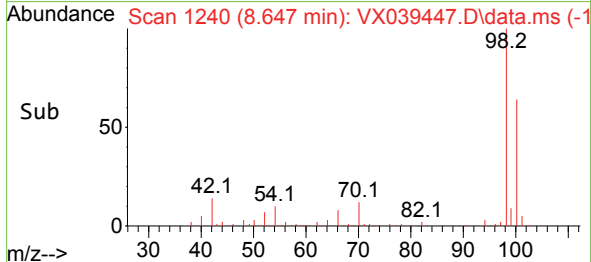
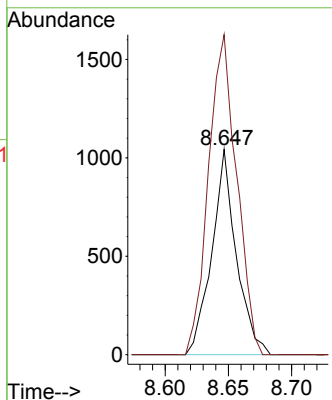
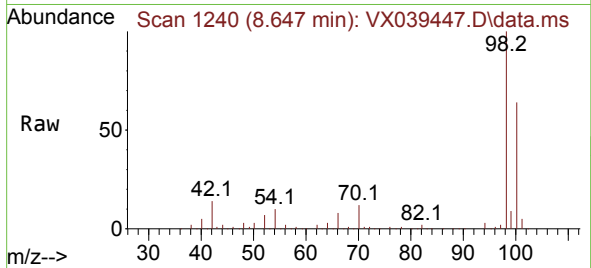




#51
4-Methyl-2-Pentanone
Concen: 0.475 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

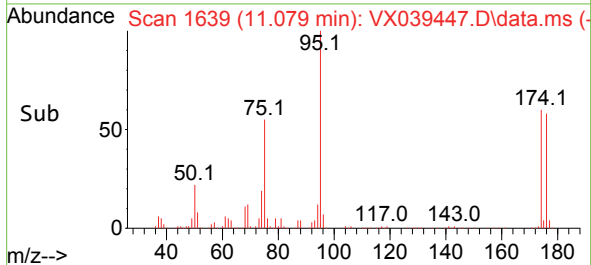
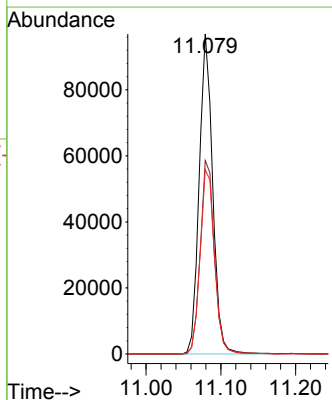
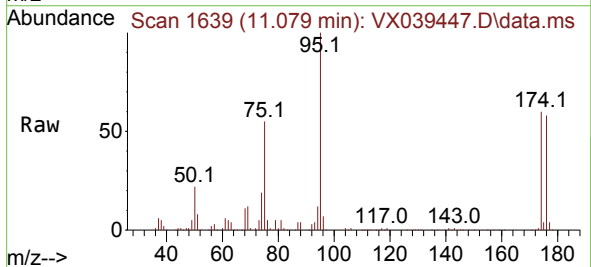
Instrument :
MSVOA_X
ClientSampleId :

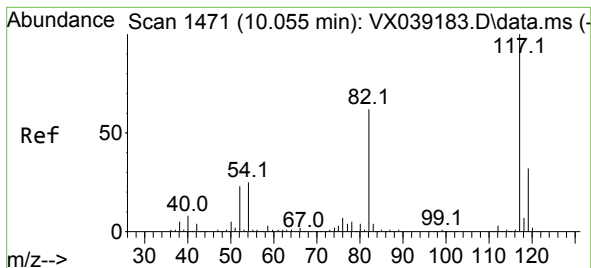
Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
58 179.5 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 53.956 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039447.D
Acq: 22 Dec 2023 17:58

Tgt Ion: 95 Resp: 121168
Ion Ratio Lower Upper
95 100
174 63.4 0.0 135.6
176 61.4 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: VX039447.D

Acq: 22 Dec 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

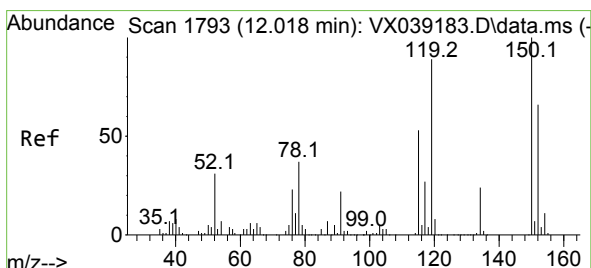
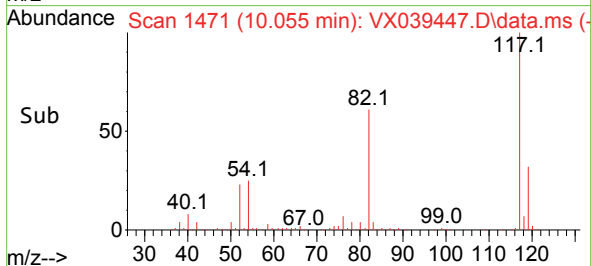
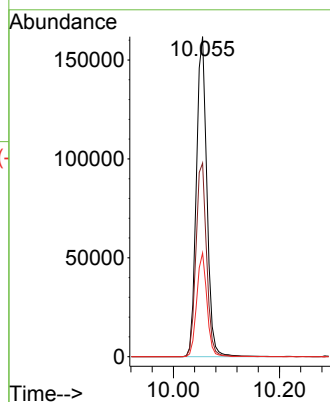
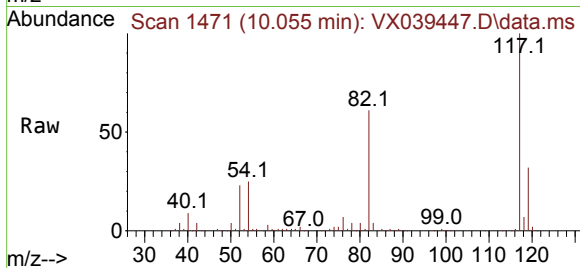
Tgt Ion:117 Resp: 221838

Ion Ratio Lower Upper

117 100

82 60.5 46.2 69.4

119 32.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039447.D

Acq: 22 Dec 2023 17:58

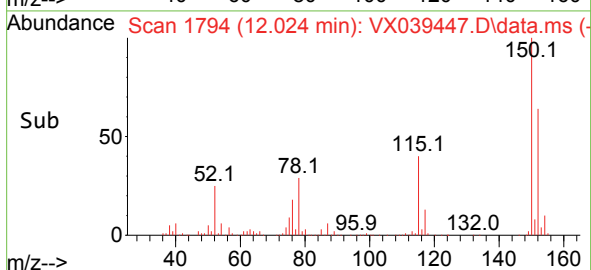
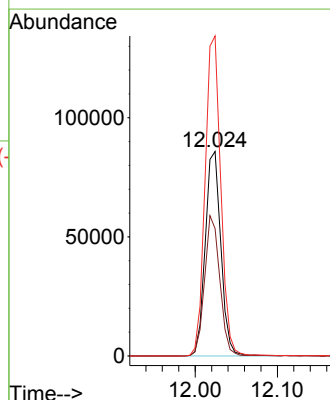
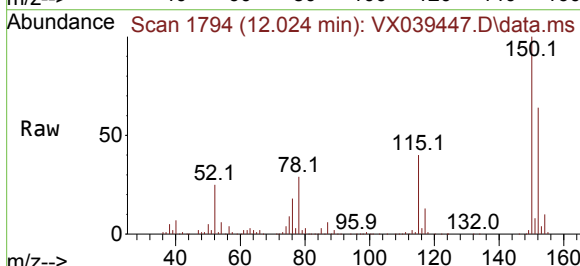
Tgt Ion:152 Resp: 113442

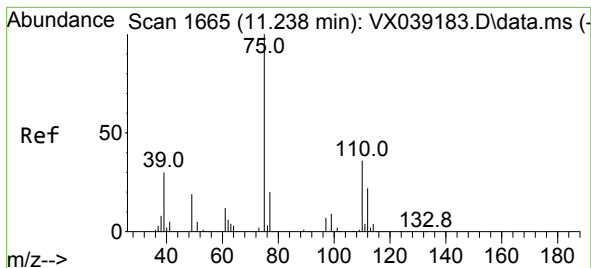
Ion Ratio Lower Upper

152 100

115 66.9 43.3 129.9

150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.911 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039447.D

Acq: 22 Dec 2023 17:58

Instrument :

MSVOA_X

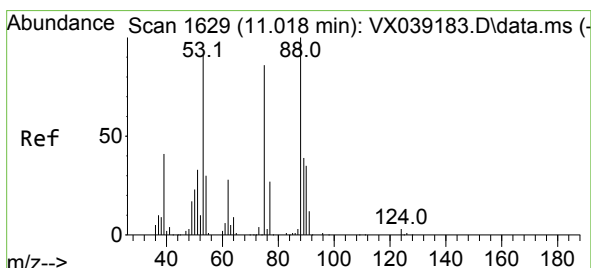
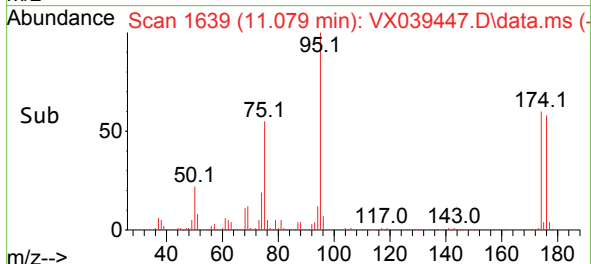
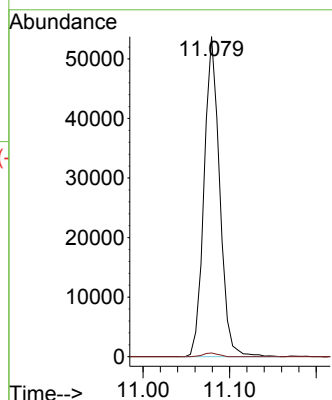
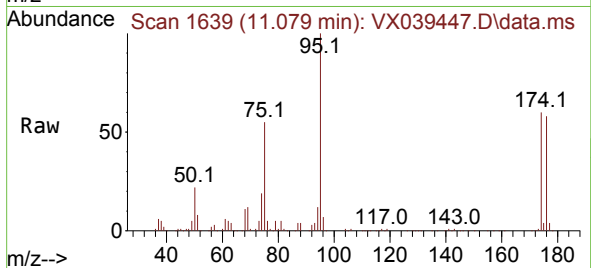
ClientSampleId :

Tgt Ion: 75 Resp: 67243

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.632 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039447.D

Acq: 22 Dec 2023 17:58

Tgt Ion: 75 Resp: 67243

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

