

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101023\
 Data File : VX038193.D
 Acq On : 10 Oct 2023 12:04
 Operator : JC/MD
 Sample : 04805-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-6

Quant Time: Oct 11 01:35:50 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)

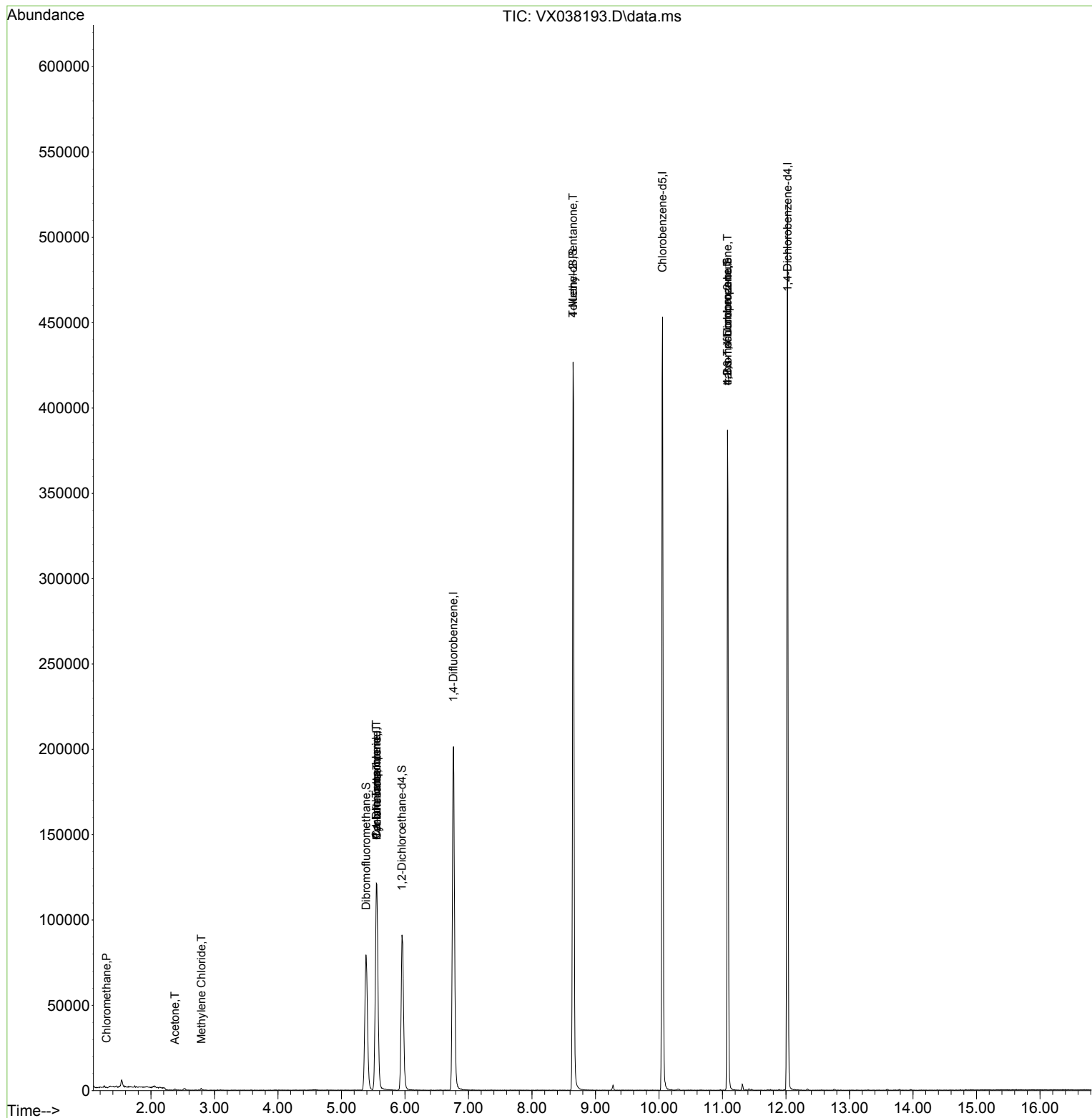
Internal Standards						
1) Pentafluorobenzene	5.556	168	114519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206163	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87364	47.430	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.860%
35) Dibromofluoromethane	5.385	113	68399	46.043	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.080%
50) Toluene-d8	8.647	98	258868	45.603	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.200%#
62) 4-Bromofluorobenzene	11.079	95	97032	45.088	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.180%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	259	0.230	ug/l	96
5) Bromomethane	1.538	94	110	Below Cal	#	3
6) Chloroethane	1.673	64	140	Below Cal	#	43
16) Acetone	2.380	43	718	0.934	ug/l	98
20) Methylene Chloride	2.794	84	481	0.333	ug/l	# 55
31) Cyclohexane	5.556	56	2945	1.476	ug/l	# 10
36) 1,1-Dichloropropene	5.550	75	9714	4.742	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	12242	6.075	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.647	43	1112	0.444	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	53755	22.101	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	53755	63.362	ug/l	# 5

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

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Quant Title : SW846 8260
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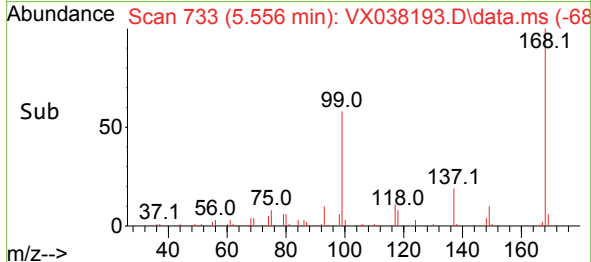
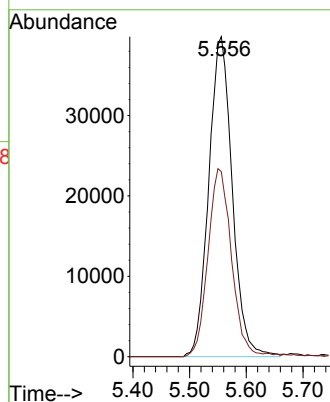
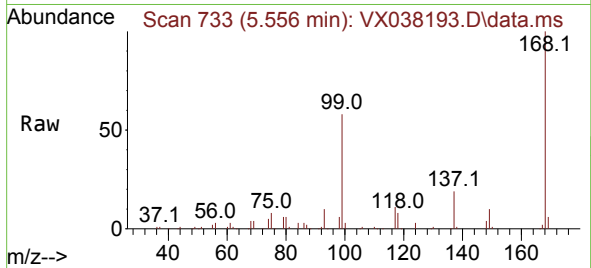




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

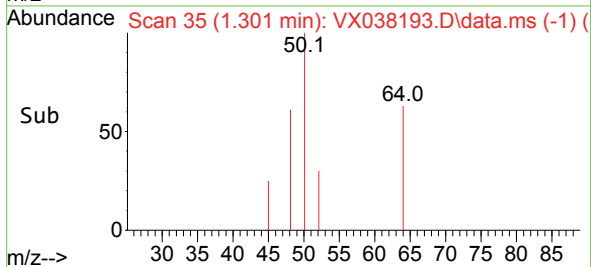
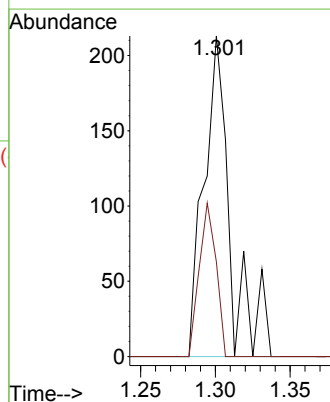
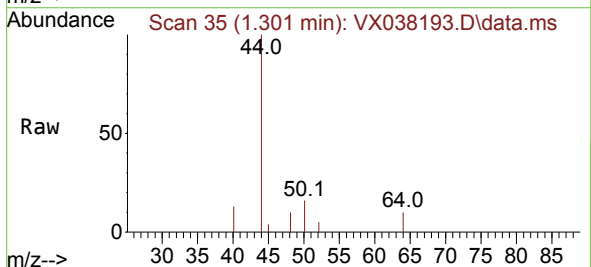
Instrument :
MSVOA_X
ClientSampleId :
TB-6

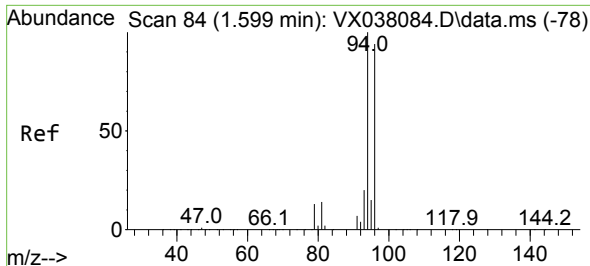
Tgt Ion:168 Resp: 114519
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#3
Chloromethane
Concen: 0.230 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

Tgt Ion: 50 Resp: 259
Ion Ratio Lower Upper
50 100
52 29.6 25.5 38.3

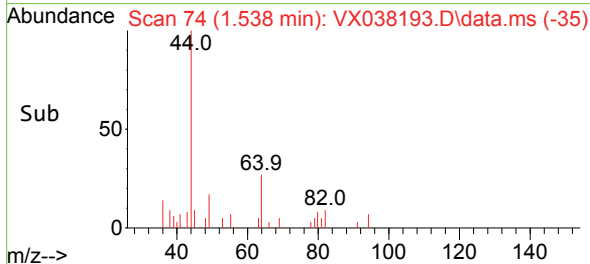
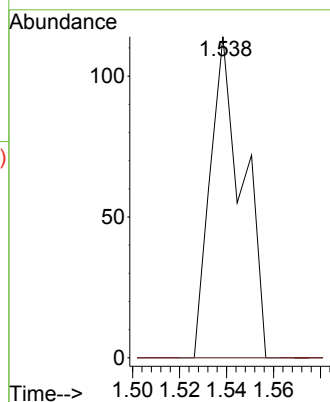
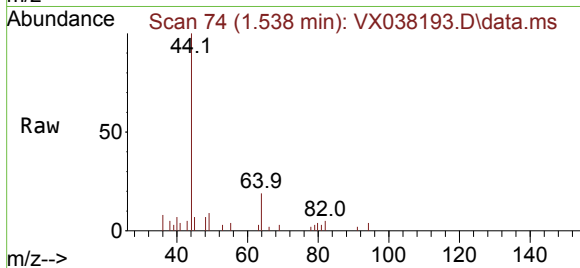




#5
Bromomethane
Concen: Below Cal
RT: 1.538 min Scan# 74
Delta R.T. -0.061 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

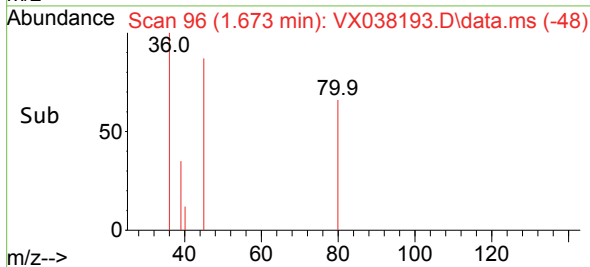
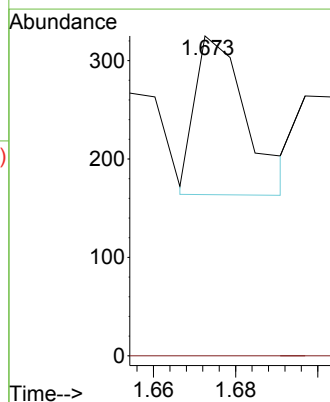
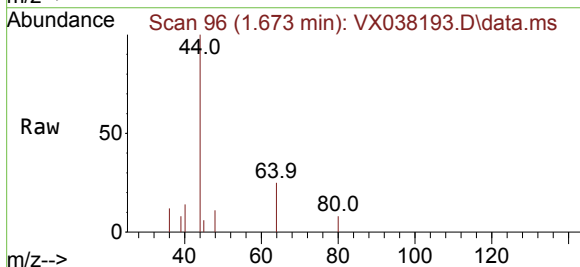
Instrument :
MSVOA_X
ClientSampleId :
TB-6

Tgt Ion: 94 Resp: 110
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.673 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

Tgt Ion: 64 Resp: 140
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

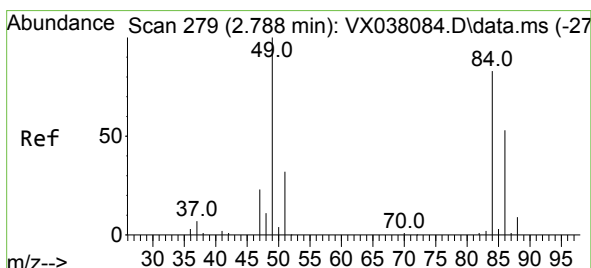
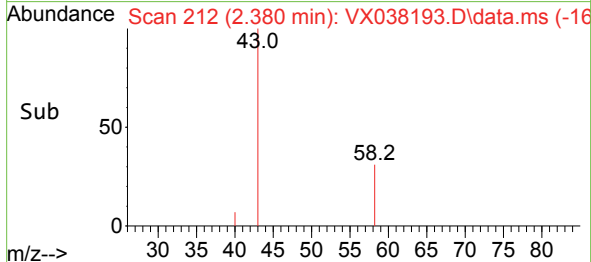
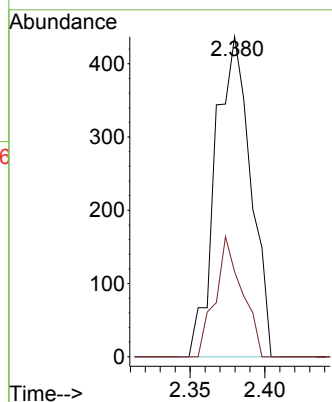
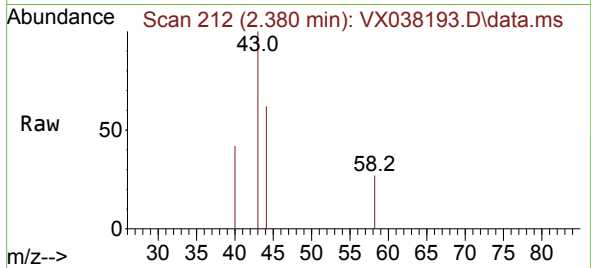




#16
Acetone
Concen: 0.934 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

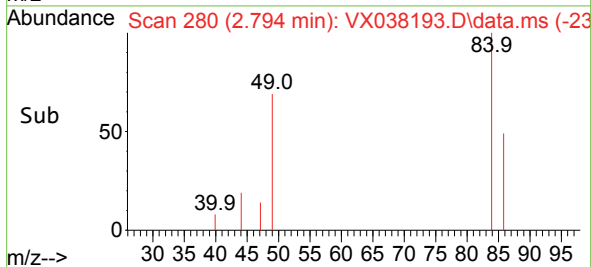
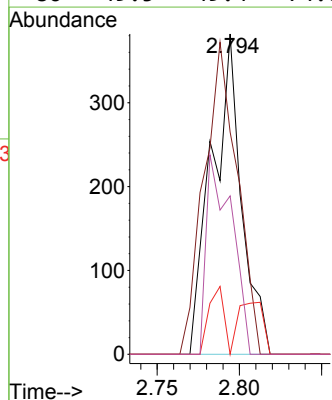
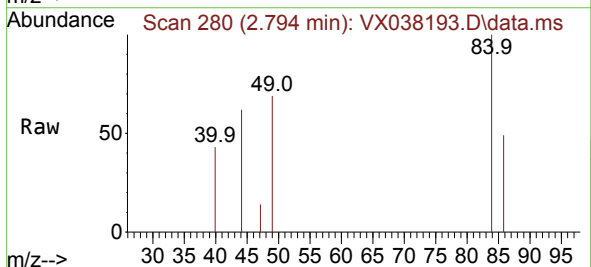
Instrument :
MSVOA_X
ClientSampleId :
TB-6

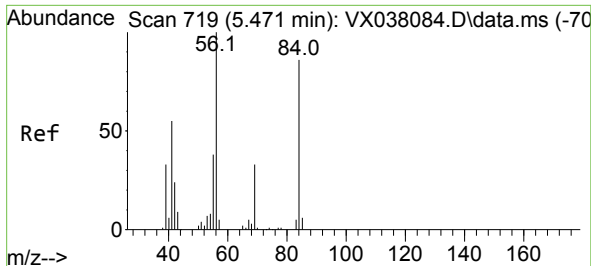
Tgt Ion: 43 Resp: 718
Ion Ratio Lower Upper
43 100
58 26.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.333 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

Tgt Ion: 84 Resp: 481
Ion Ratio Lower Upper
84 100
49 69.4 103.6 155.4#
51 0.0 33.8 50.6#
86 49.5 49.4 74.0

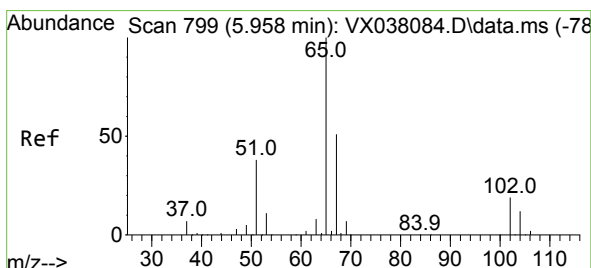
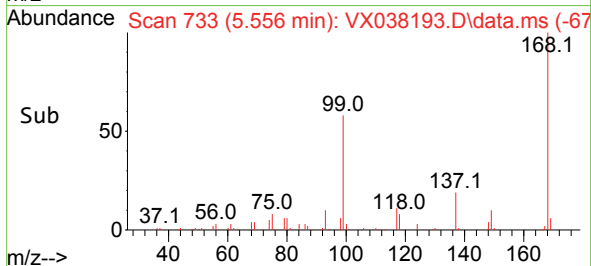
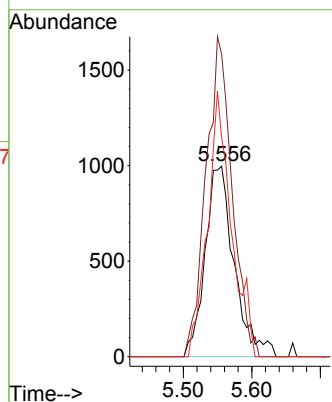
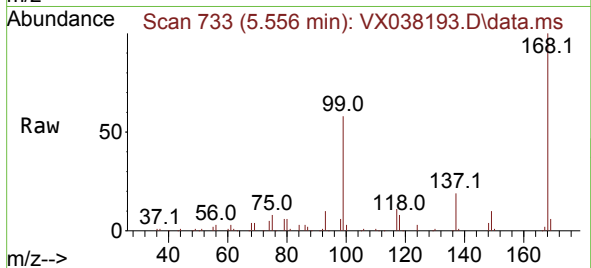




#31
Cyclohexane
Concen: 1.476 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

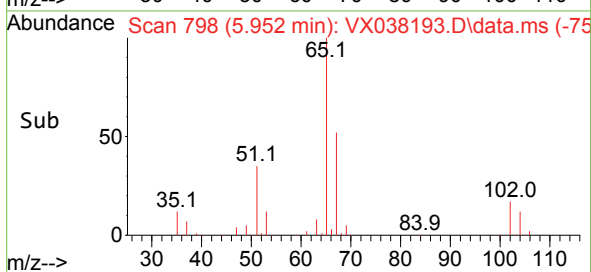
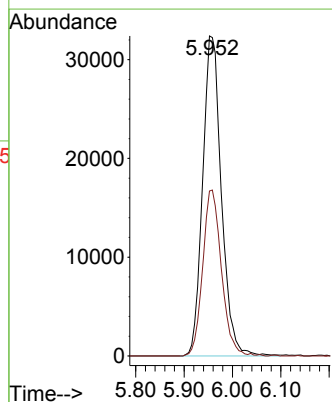
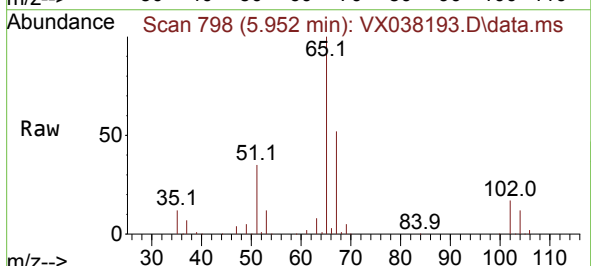
Instrument :
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ClientSampleId :
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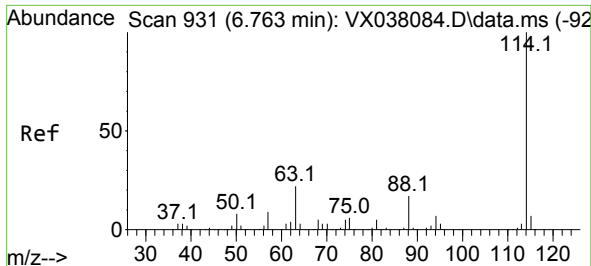
Tgt Ion: 56 Resp: 2945
Ion Ratio Lower Upper
56 100
69 158.7 23.4 35.2#
84 114.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.430 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

Tgt Ion: 65 Resp: 87364
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

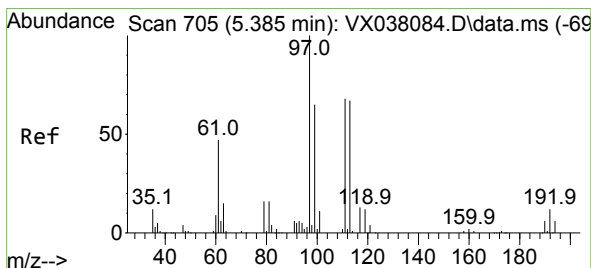
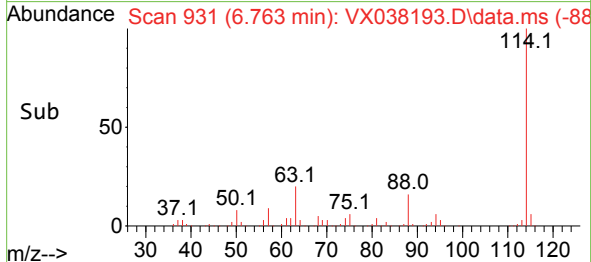
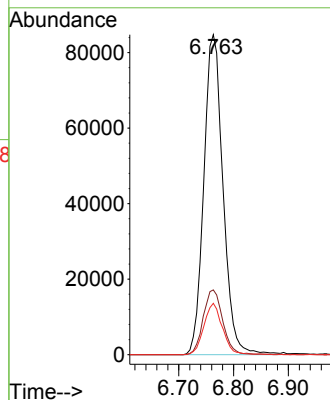
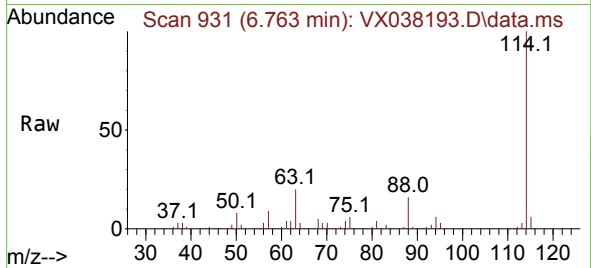




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

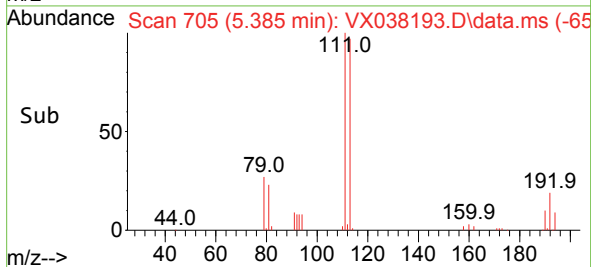
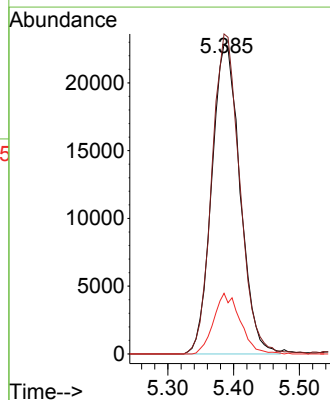
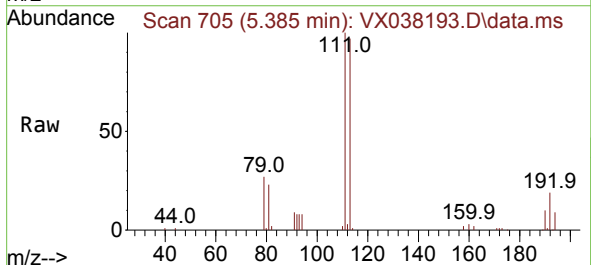
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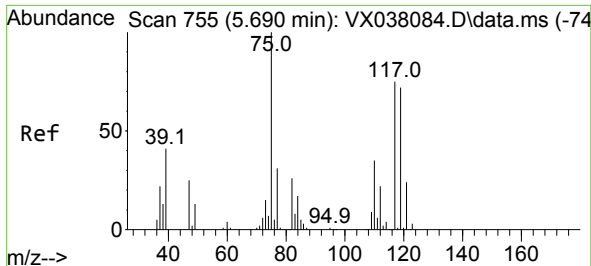
Tgt Ion:114 Resp: 206163
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.043 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

Tgt Ion:113 Resp: 68399
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.5 13.3 19.9

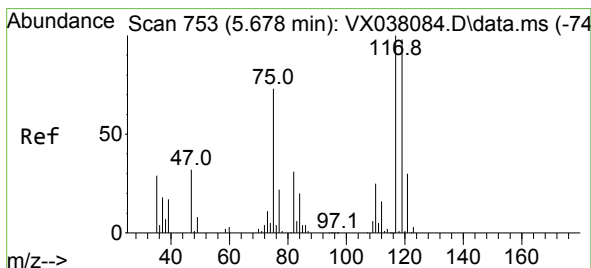
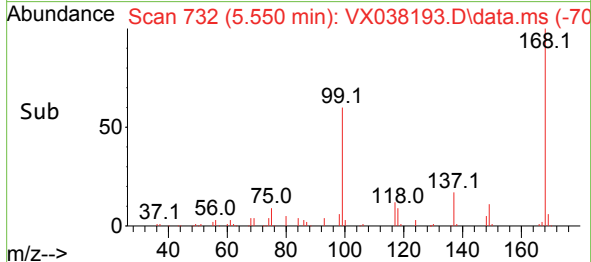
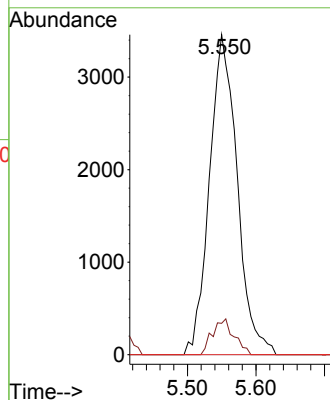
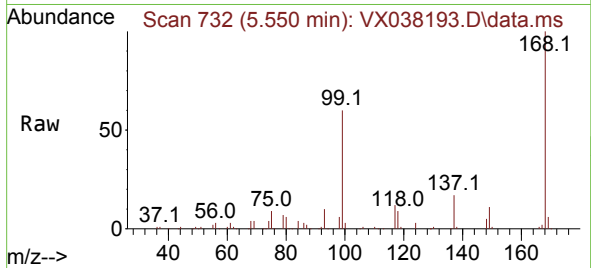




#36
1,1-Dichloropropene
Concen: 4.742 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

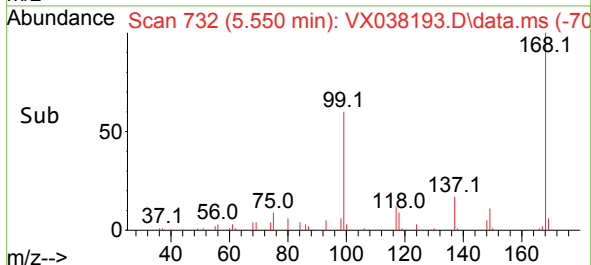
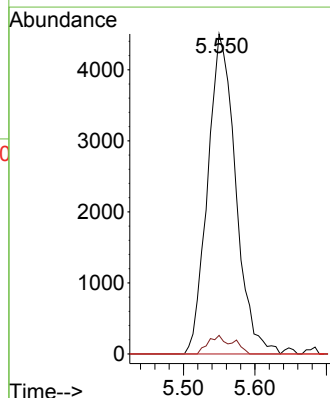
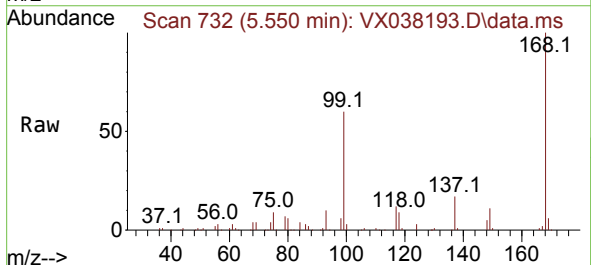
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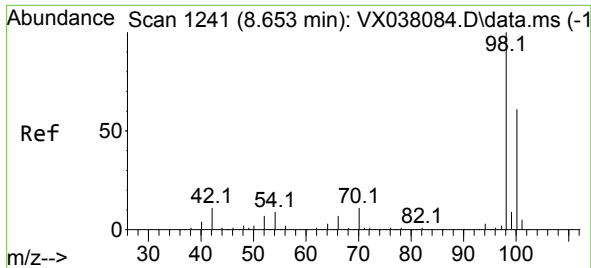
Tgt Ion: 75 Resp: 9714
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.075 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

Tgt Ion: 117 Resp: 12242
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#

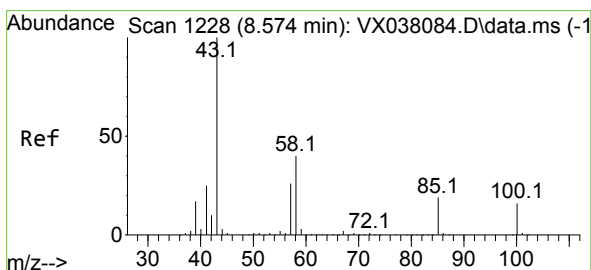
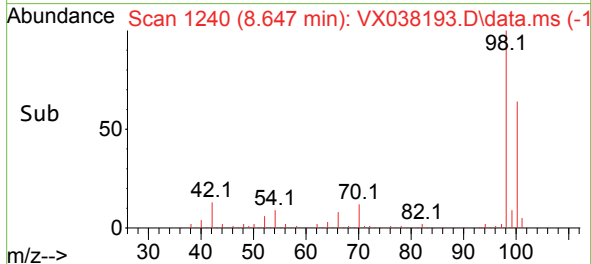
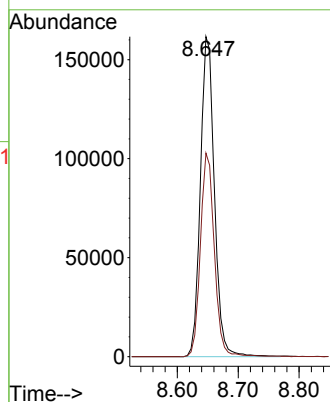
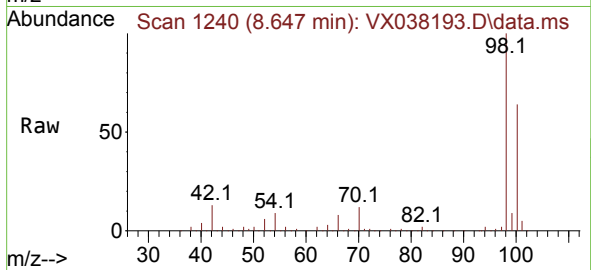




#50
Toluene-d8
Concen: 45.603 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

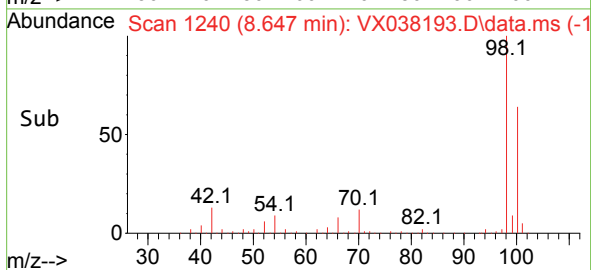
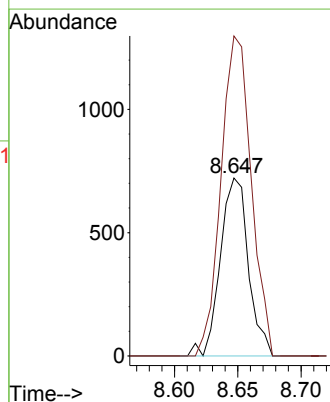
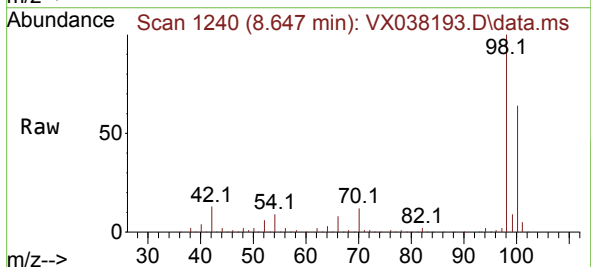
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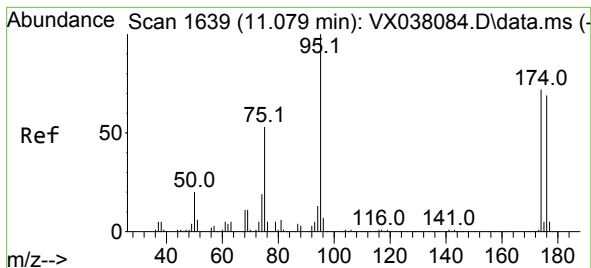
Tgt Ion: 98 Resp: 258868
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.444 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

Tgt Ion: 43 Resp: 1112
Ion Ratio Lower Upper
43 100
58 194.0 30.4 45.6#

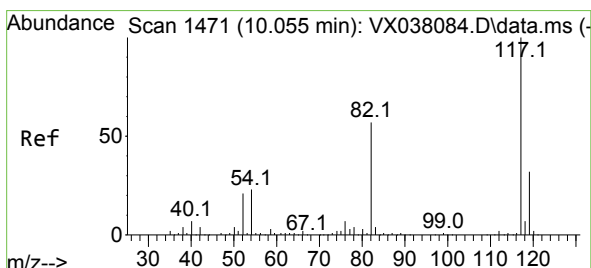
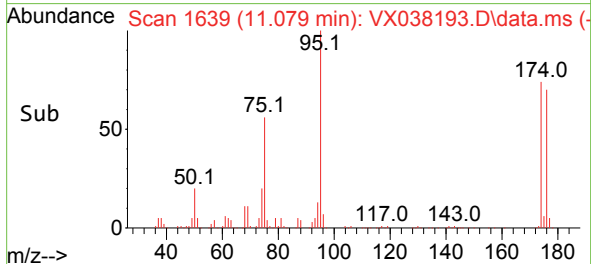
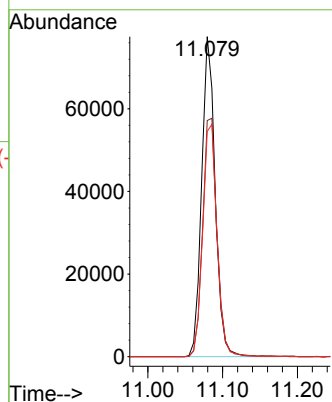
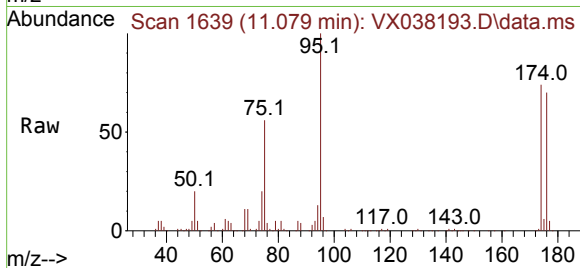




#62
4-Bromofluorobenzene
Concen: 45.088 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

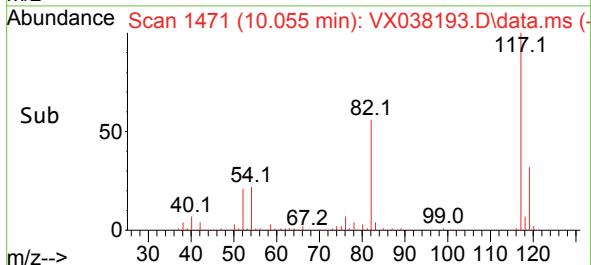
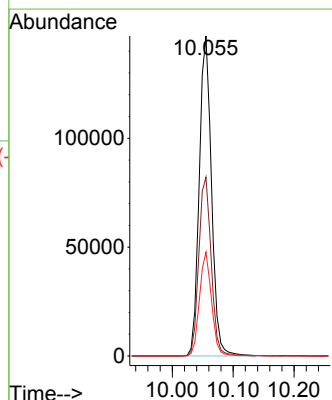
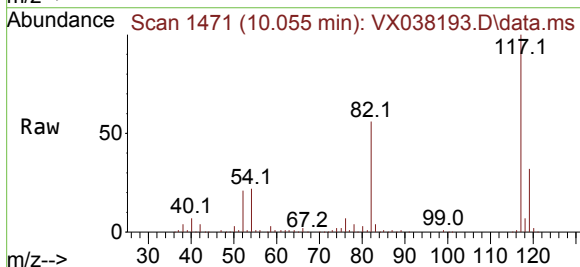
Instrument :
MSVOA_X
ClientSampleId :
TB-6

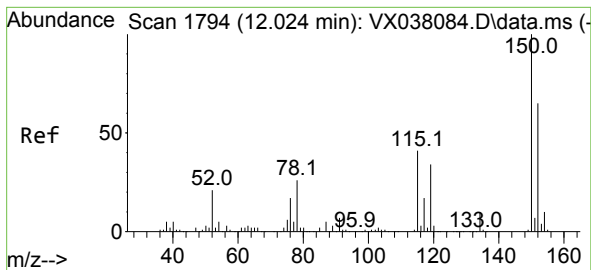
Tgt Ion: 95 Resp: 97032
Ion Ratio Lower Upper
95 100
174 79.6 0.0 135.6
176 77.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038193.D
Acq: 10 Oct 2023 12:04

Tgt Ion: 117 Resp: 205734
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.5 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: VX038193.D

Acq: 10 Oct 2023 12:04

Instrument :

MSVOA_X

ClientSampleId :

TB-6

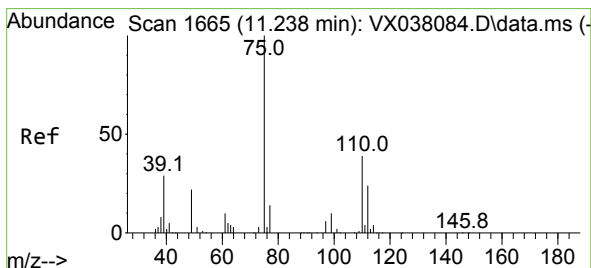
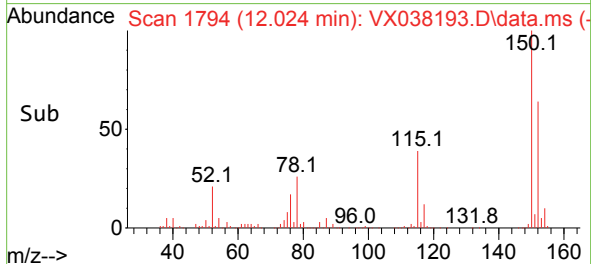
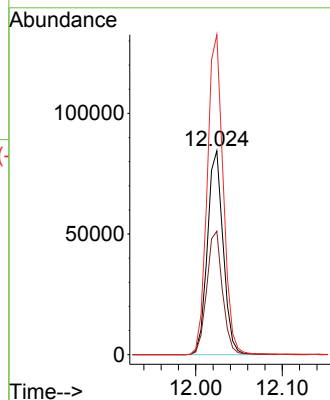
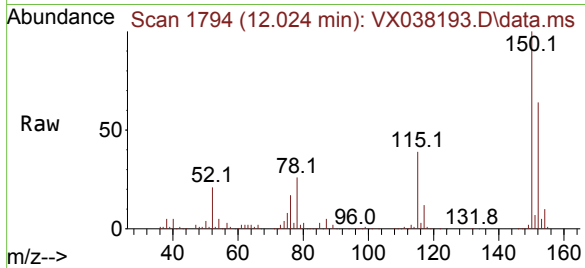
Tgt Ion:152 Resp: 106987

Ion Ratio Lower Upper

152 100

115 60.8 43.3 129.9

150 158.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.101 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX038193.D

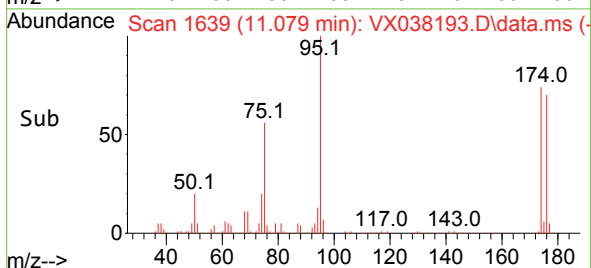
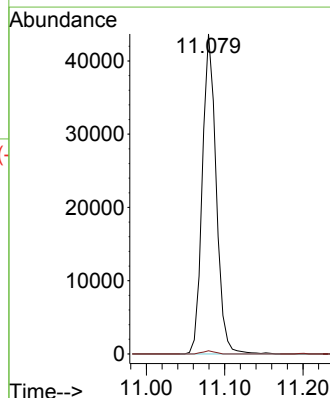
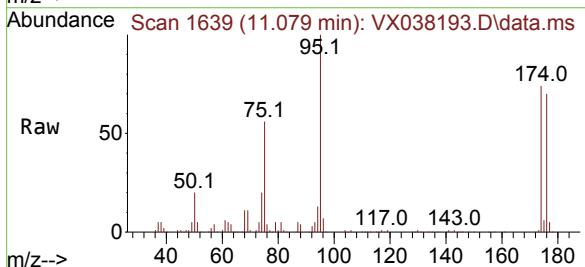
Acq: 10 Oct 2023 12:04

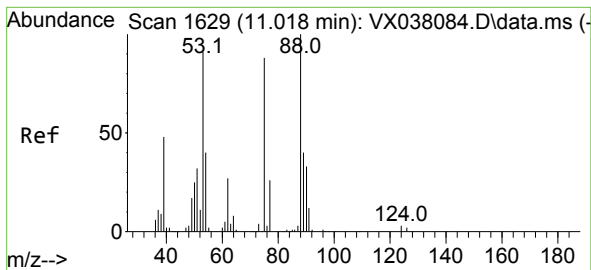
Tgt Ion: 75 Resp: 53755

Ion Ratio Lower Upper

75 100

77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.362 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038193.D
 Acq: 10 Oct 2023 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-6

Tgt Ion: 75 Resp: 53755
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

