

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037832.D
 Acq On : 20 Sep 2023 14:43
 Operator : JC/MD
 Sample : 04526-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 21 05:57:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

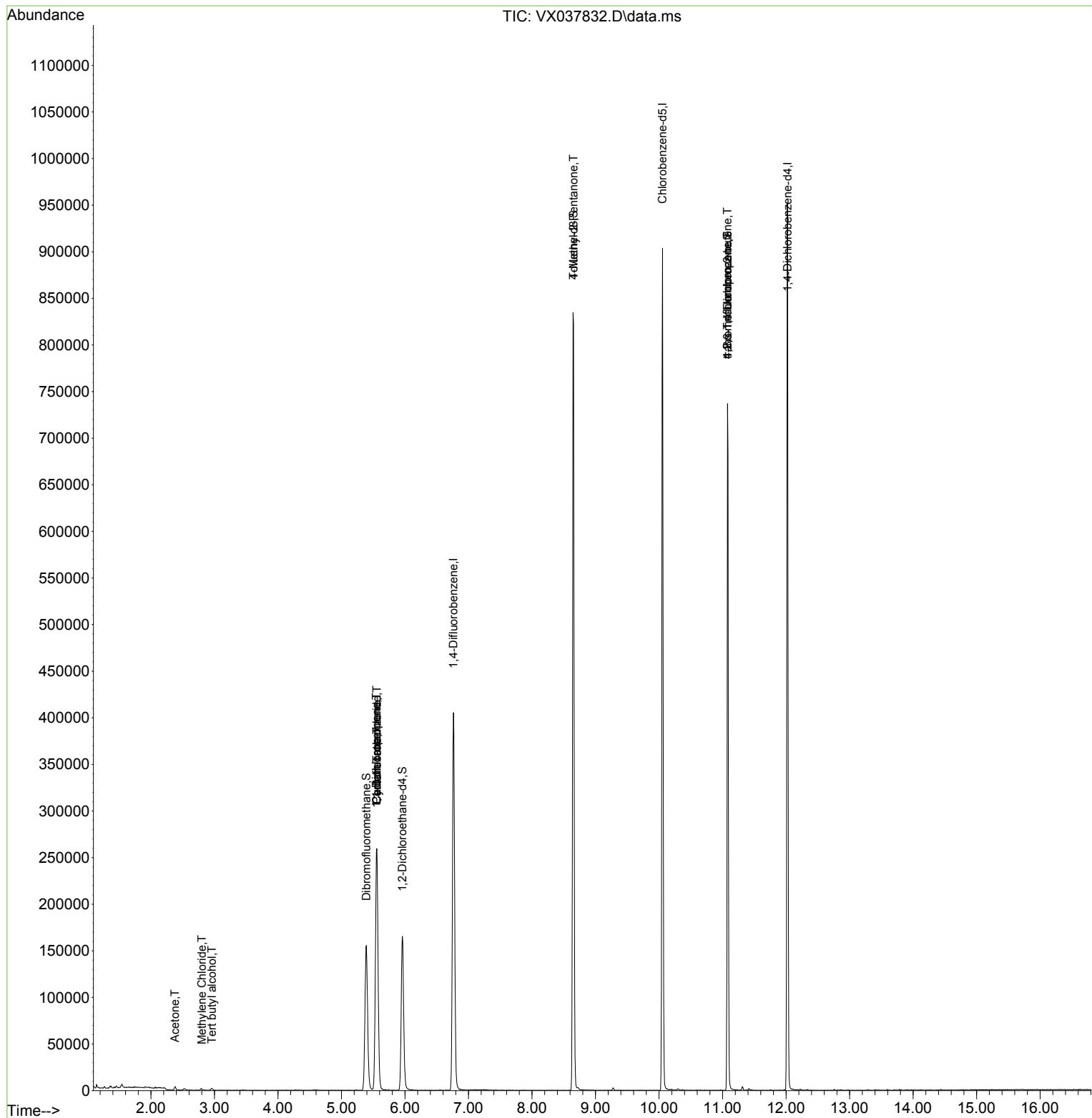
Internal Standards						
1) Pentafluorobenzene	5.556	168	254137	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	429280	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	159656	47.816	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.640%		
35) Dibromofluoromethane	5.391	113	135733	47.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.520%		
50) Toluene-d8	8.653	98	515737	48.324	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.640%		
62) 4-Bromofluorobenzene	11.079	95	192237	49.569	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.140%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.959	59	2412	3.365	ug/l	# 91
16) Acetone	2.380	43	3974	2.474	ug/l	99
20) Methylene Chloride	2.800	84	822	0.252	ug/l	# 65
31) Cyclohexane	5.556	56	5599	1.306	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	19152	4.840	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	25698	6.207	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	2102	0.476	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	97649	20.416	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	97649	65.400	ug/l	# 5

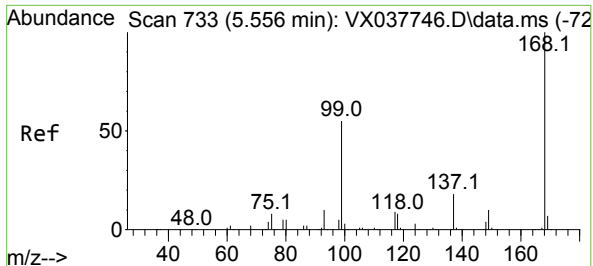
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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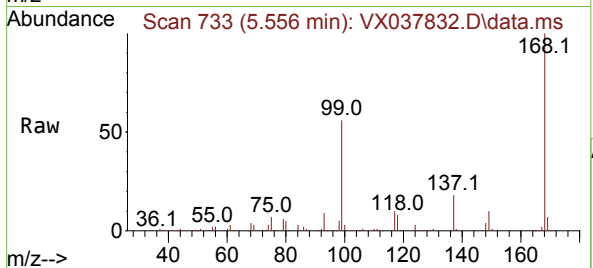
Quant Time: Sep 21 05:57:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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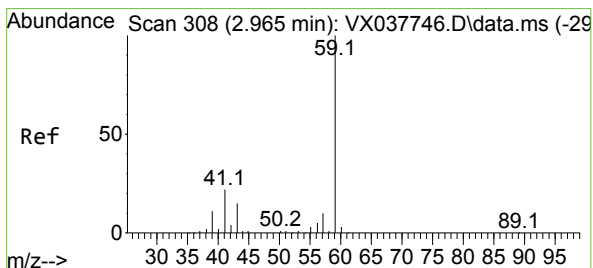
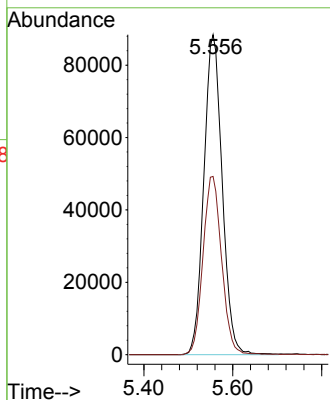
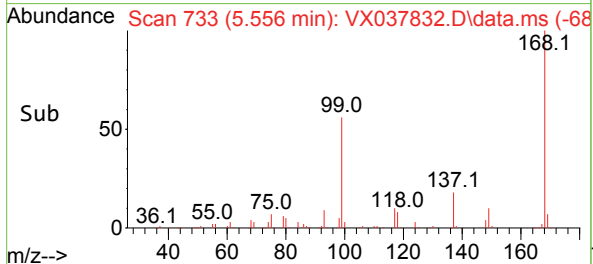


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :

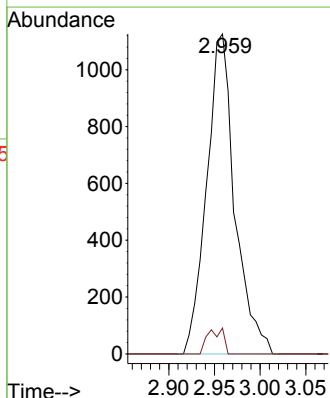
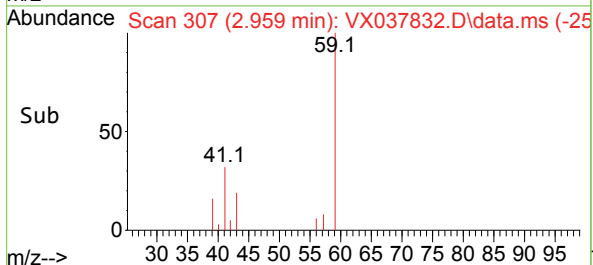
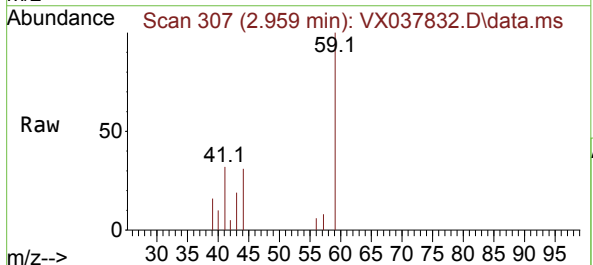


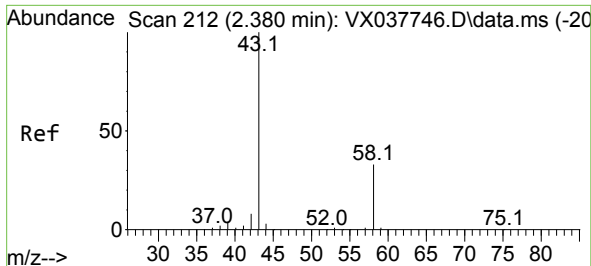
Tgt Ion:168 Resp: 254137
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#11
Tert butyl alcohol
Concen: 3.365 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43

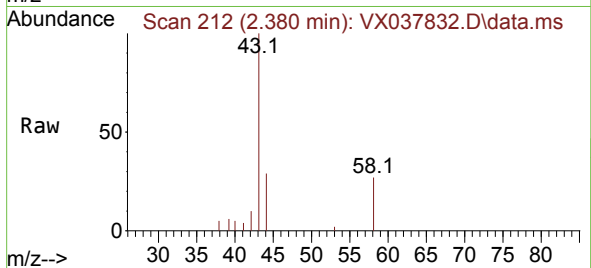
Tgt Ion: 59 Resp: 2412
Ion Ratio Lower Upper
59 100
57 4.5 6.0 9.0#



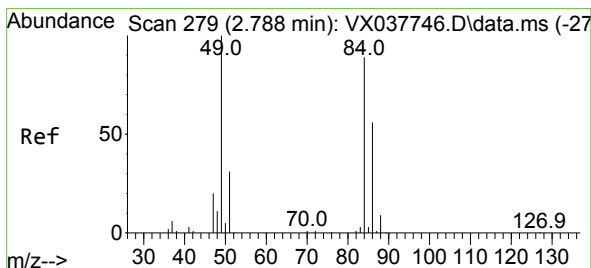
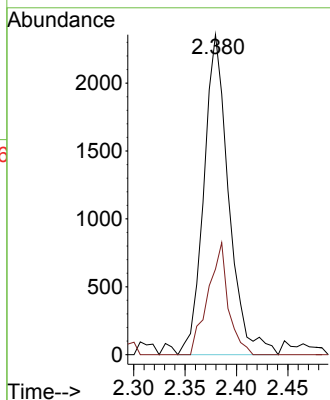
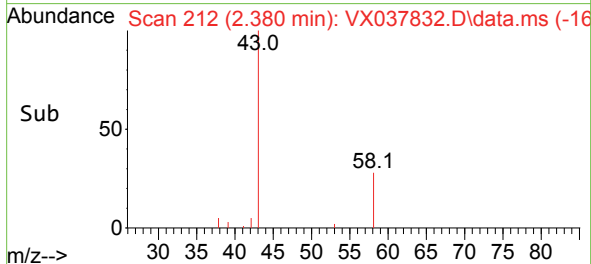


#16
Acetone
Concen: 2.474 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43

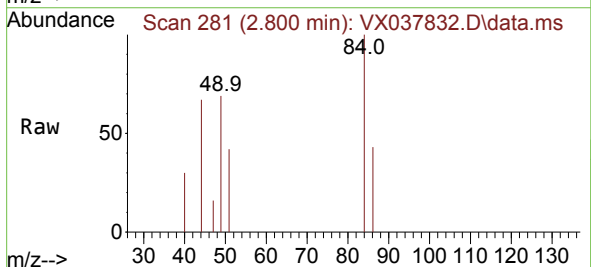
Instrument :
MSVOA_X
ClientSampleId :



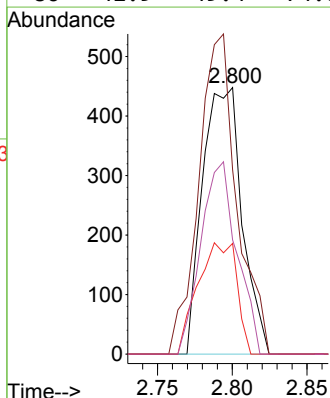
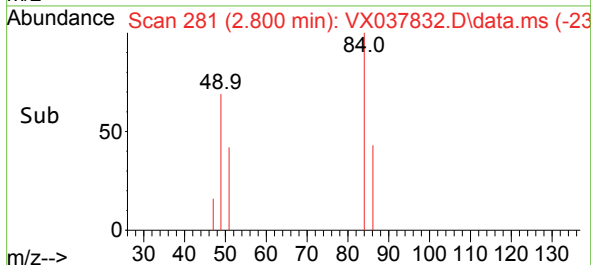
Tgt Ion: 43 Resp: 3974
Ion Ratio Lower Upper
43 100
58 26.7 21.9 32.9

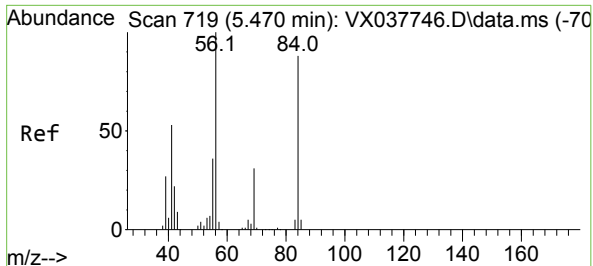


#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43



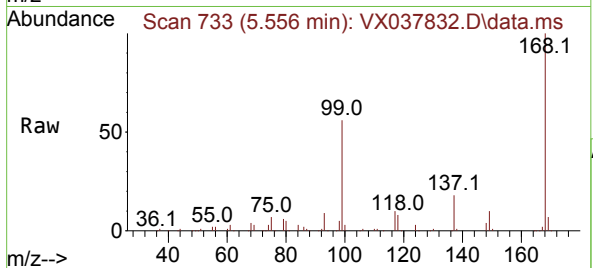
Tgt Ion: 84 Resp: 822
Ion Ratio Lower Upper
84 100
49 69.2 103.6 155.4#
51 41.5 33.8 50.6
86 42.9 49.4 74.0#



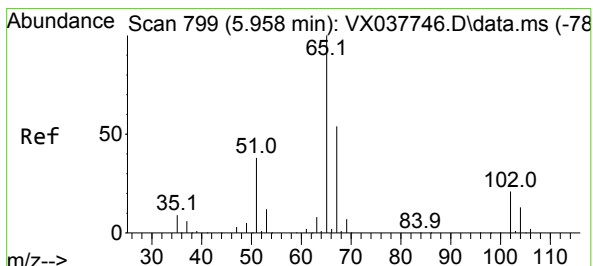
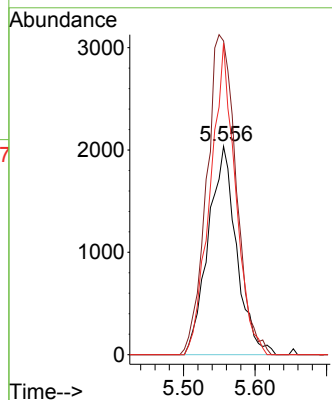
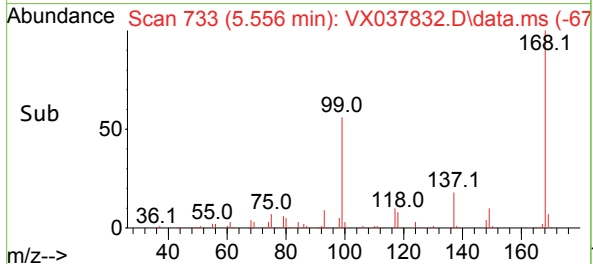


#31
Cyclohexane
Concen: 1.306 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :

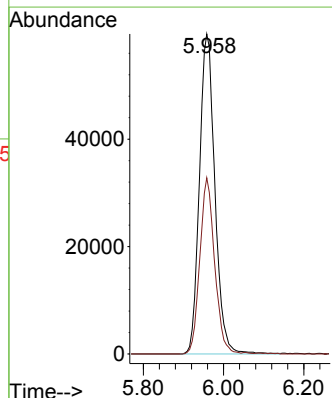
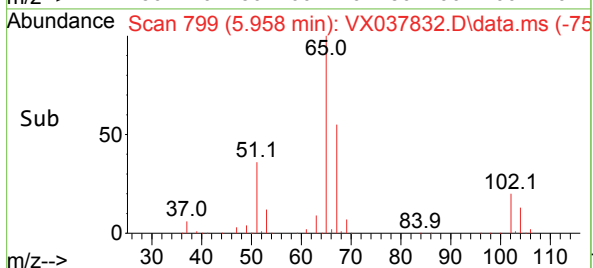
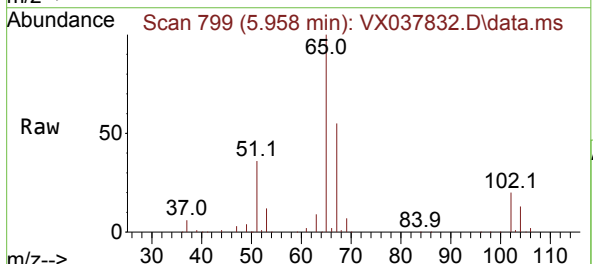


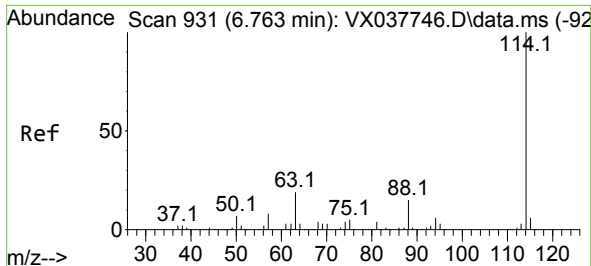
Tgt Ion: 56 Resp: 5599
Ion Ratio Lower Upper
56 100
69 150.6 23.4 35.2#
84 149.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.816 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43

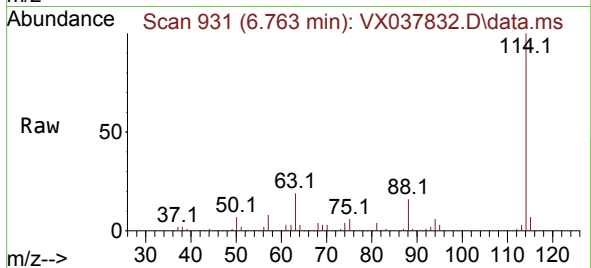
Tgt Ion: 65 Resp: 159656
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2



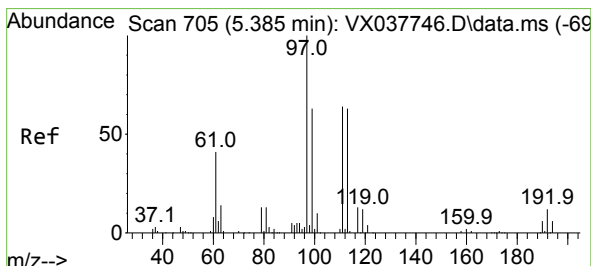
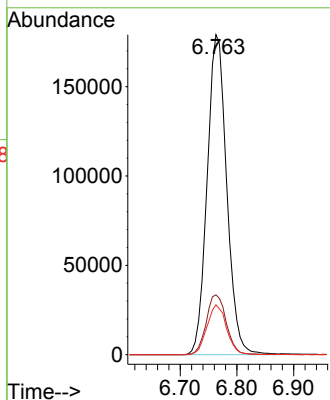
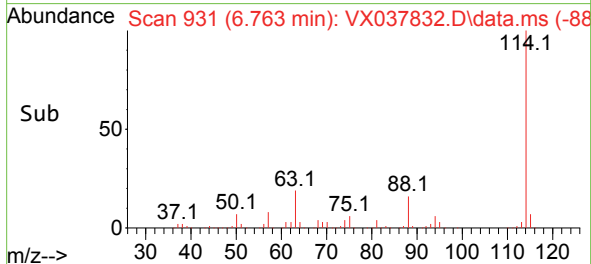


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43

Instrument :
MSVOA_X
ClientSampleId :

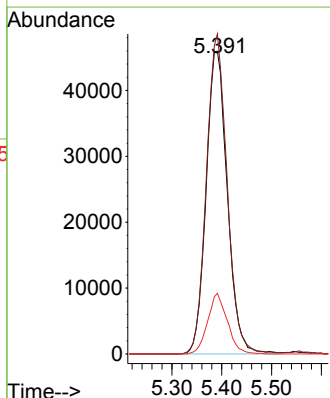
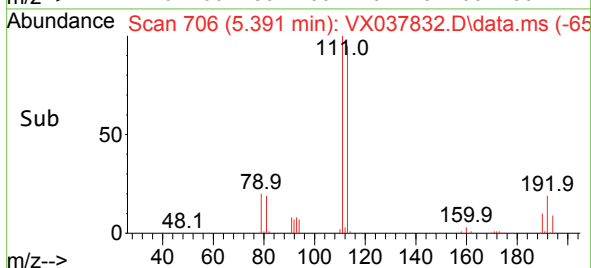
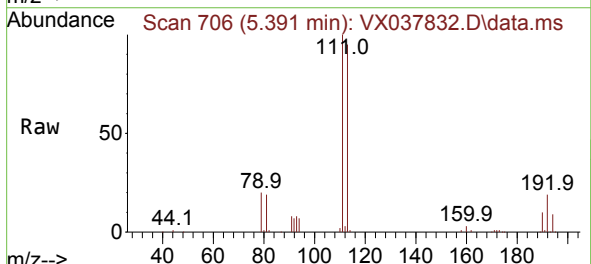


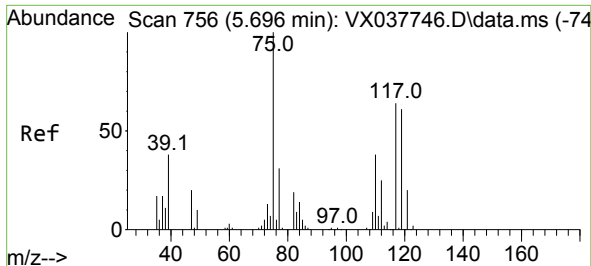
Tgt Ion:114 Resp: 429280
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.255 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43

Tgt Ion:113 Resp: 135733
Ion Ratio Lower Upper
113 100
111 103.6 82.9 124.3
192 18.7 13.3 19.9

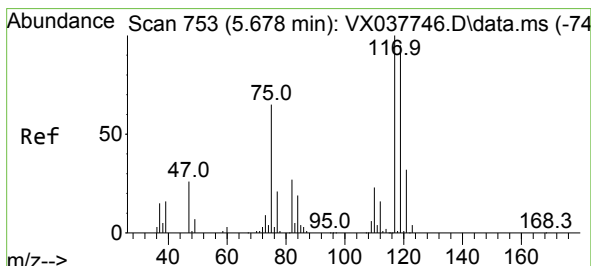
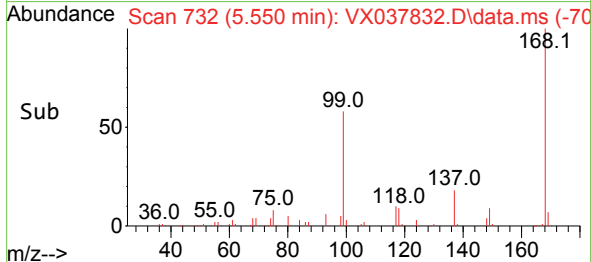
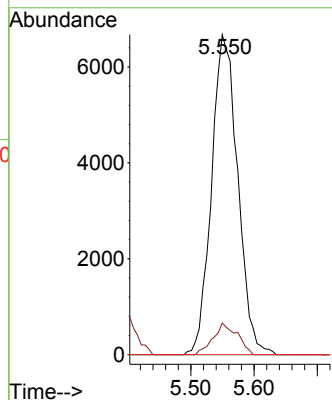
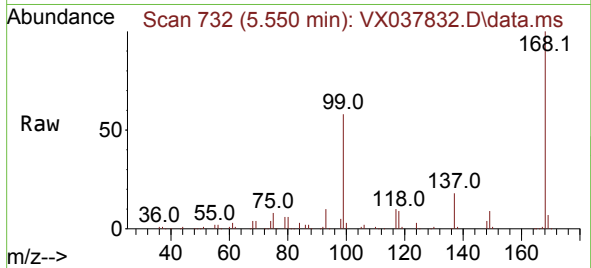




#36
1,1-Dichloropropene
Concen: 4.840 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.146 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43

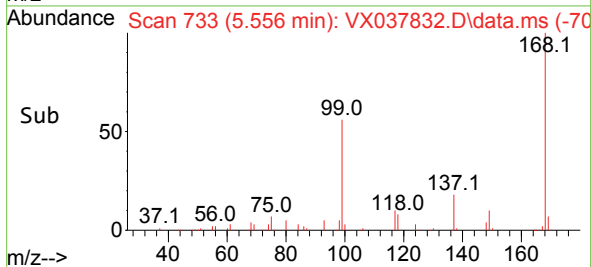
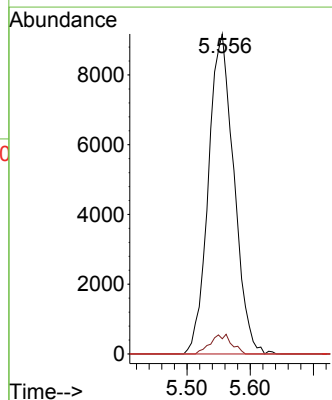
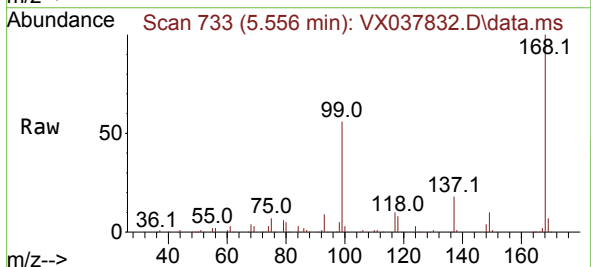
Instrument :
MSVOA_X
ClientSampleId :

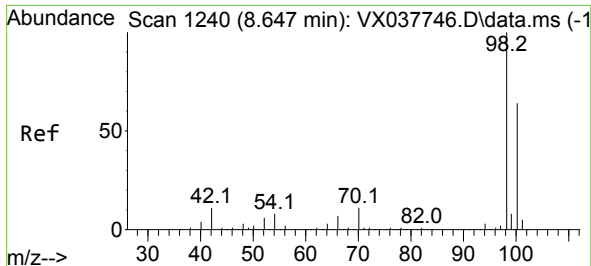
Tgt Ion: 75 Resp: 19152
Ion Ratio Lower Upper
75 100
110 9.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.207 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43

Tgt Ion: 117 Resp: 25698
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

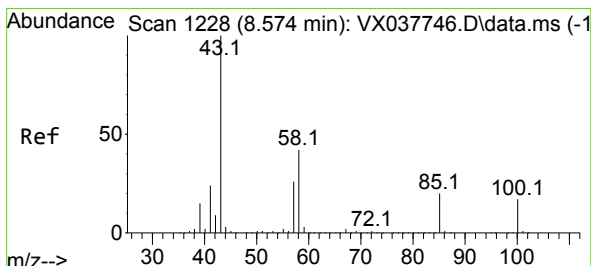
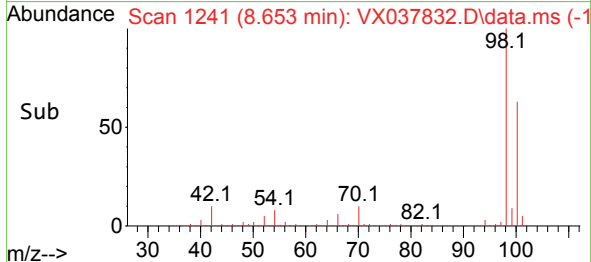
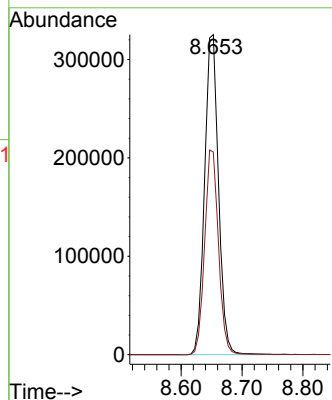
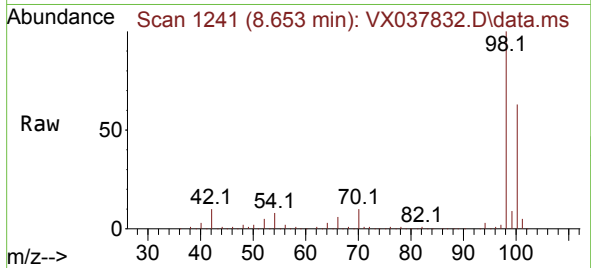




#50
Toluene-d8
Concen: 48.324 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43

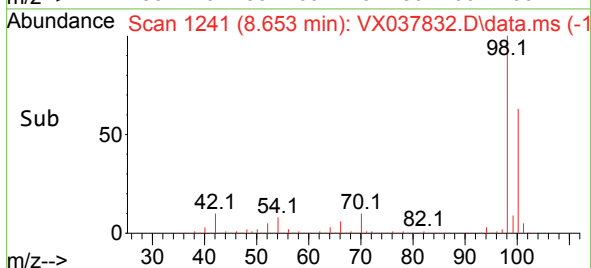
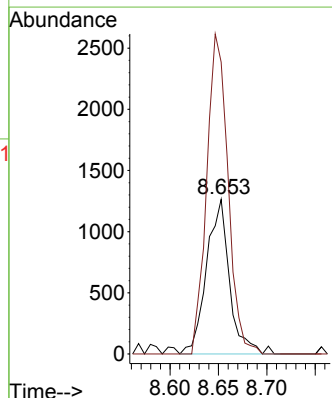
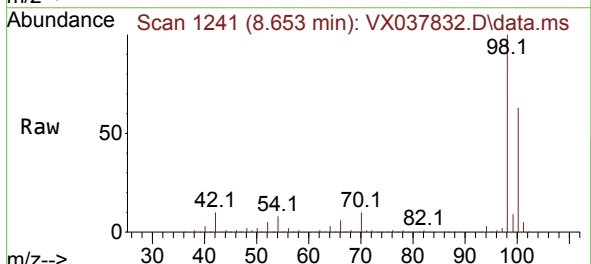
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ClientSampleId :

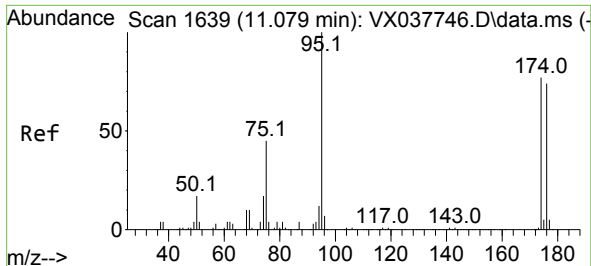
Tgt Ion: 98 Resp: 515737
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.476 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43

Tgt Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
58 191.5 30.4 45.6#

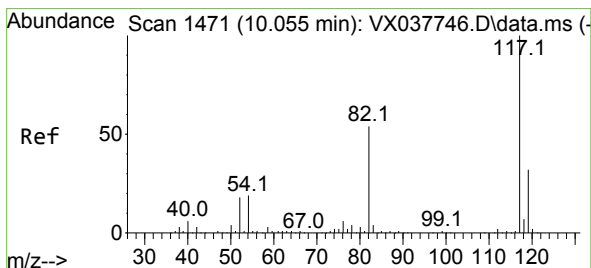
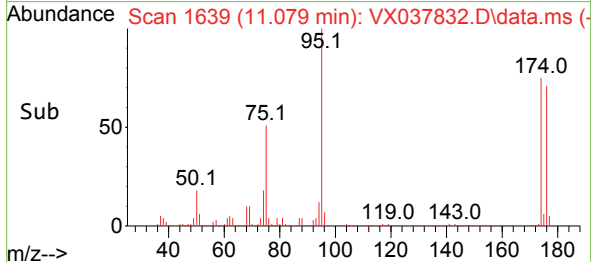
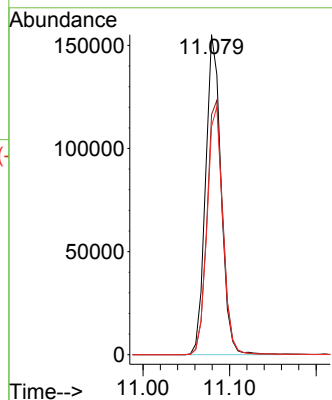
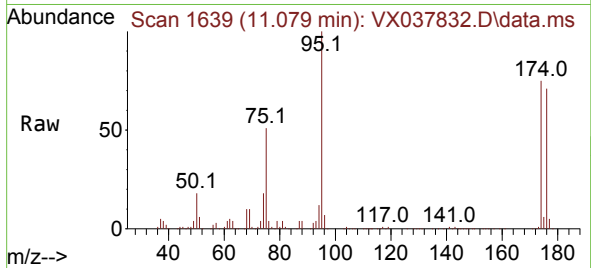




#62
4-Bromofluorobenzene
Concen: 49.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43

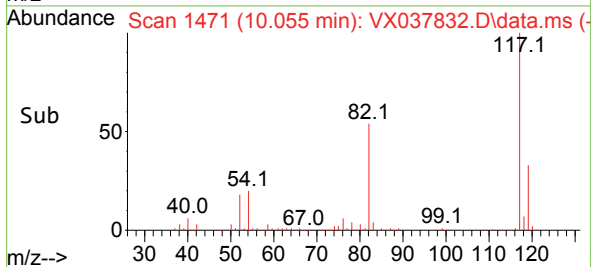
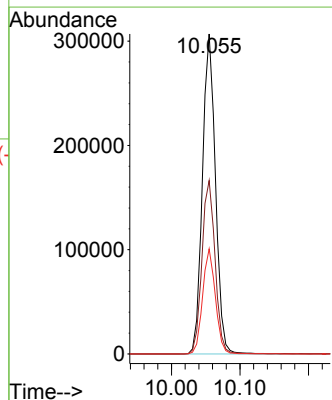
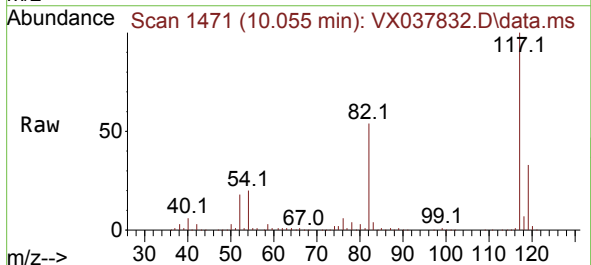
Instrument :
MSVOA_X
ClientSampleId :

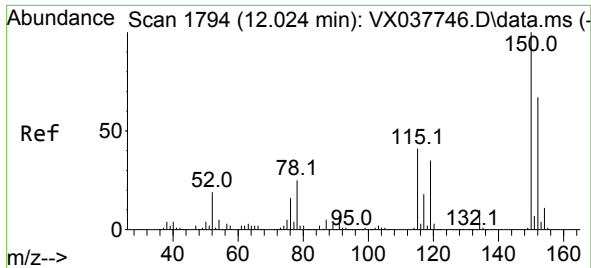
Tgt Ion: 95 Resp: 192237
Ion Ratio Lower Upper
95 100
174 82.1 0.0 135.6
176 79.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037832.D
Acq: 20 Sep 2023 14:43

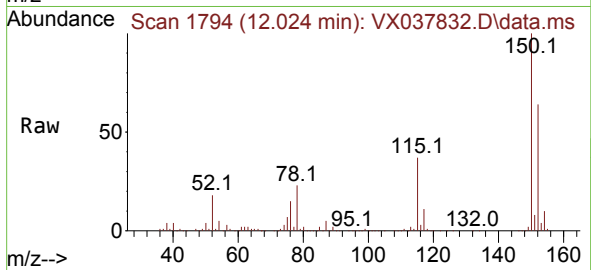
Tgt Ion: 117 Resp: 406637
Ion Ratio Lower Upper
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82 54.2 46.2 69.4
119 32.9 25.5 38.3



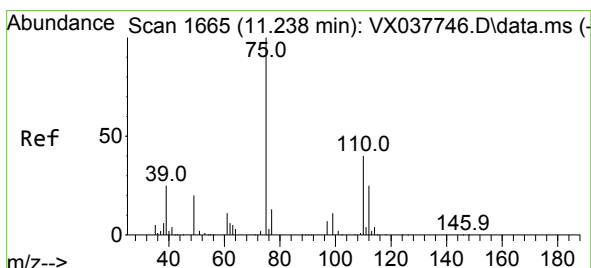
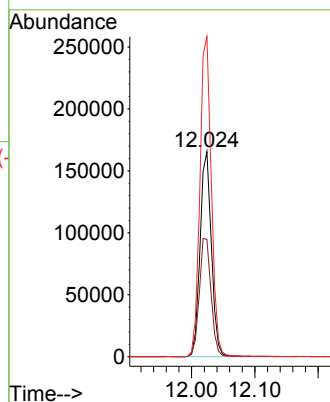
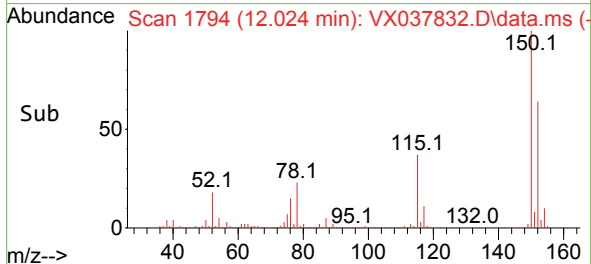


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037832.D
 Acq: 20 Sep 2023 14:43

Instrument :
 MSVOA_X
 ClientSampleId :

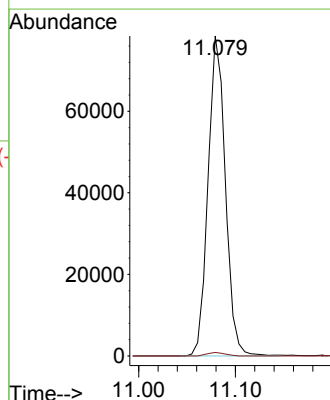
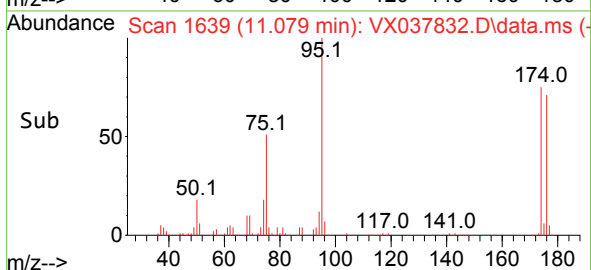
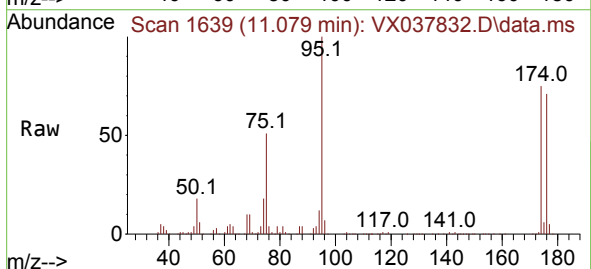


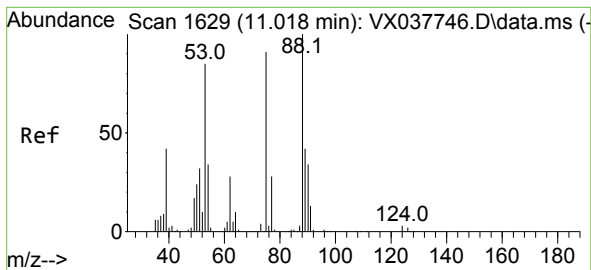
Tgt Ion:152 Resp: 206795
 Ion Ratio Lower Upper
 152 100
 115 59.8 43.3 129.9
 150 157.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 20.416 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037832.D
 Acq: 20 Sep 2023 14:43

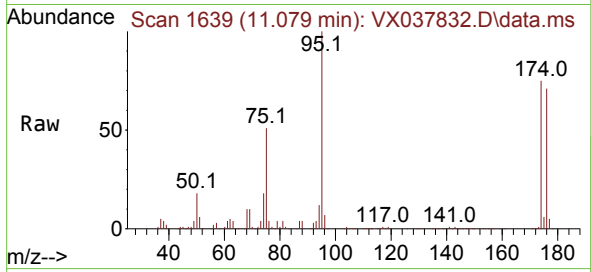
Tgt Ion: 75 Resp: 97649
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.400 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037832.D
 Acq: 20 Sep 2023 14:43

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 97649
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#

