

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041924\
 Data File : VX041177.D
 Acq On : 19 Apr 2024 14:50
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 01:31:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

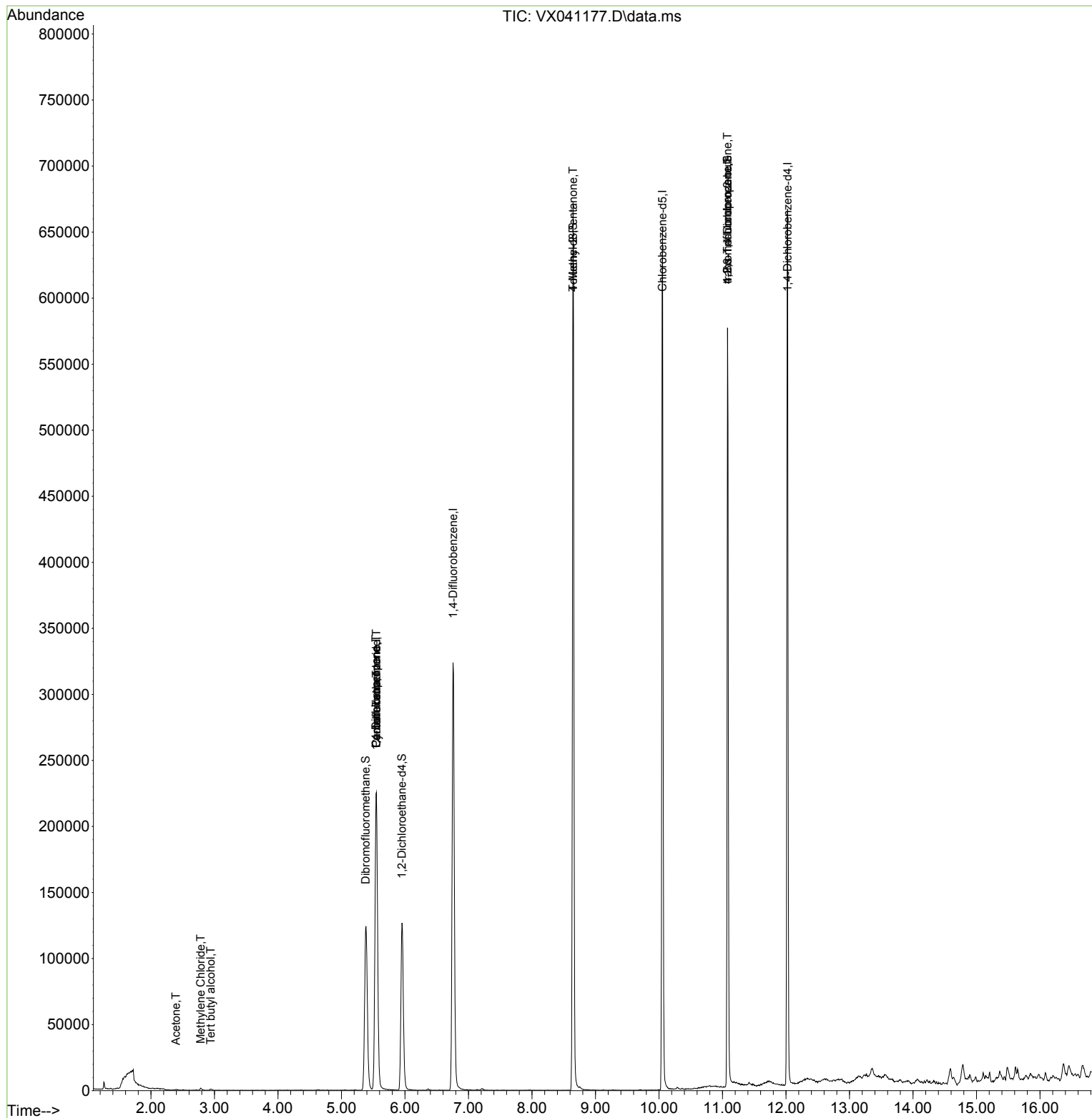
Internal Standards						
1) Pentafluorobenzene	5.550	168	255791	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	368075	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	329771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164819	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	125180	45.328	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.660%		
35) Dibromofluoromethane	5.379	113	111491	45.344	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.680%		
50) Toluene-d8	8.647	98	416048	48.307	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.620%		
62) 4-Bromofluorobenzene	11.079	95	146834	44.912	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.820%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.941	59	568	1.051	ug/l	# 78
16) Acetone	2.392	43	397	0.342	ug/l	94
20) Methylene Chloride	2.782	84	900	0.363	ug/l	# 80
31) Cyclohexane	5.550	56	3719	1.087	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	14846	4.769	ug/l	# 52
38) Carbon Tetrachloride	5.550	117	21651	5.998	ug/l	# 14
51) 4-Methyl-2-Pentanone	8.647	43	1530	0.408	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	69511	25.880	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	69511	66.051	ug/l	# 5

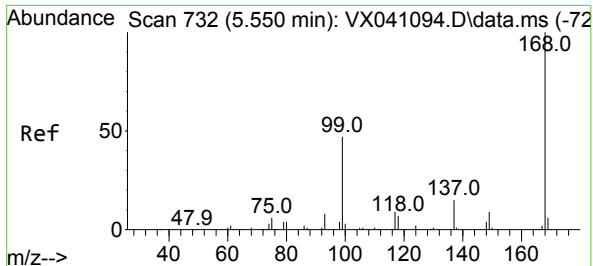
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration



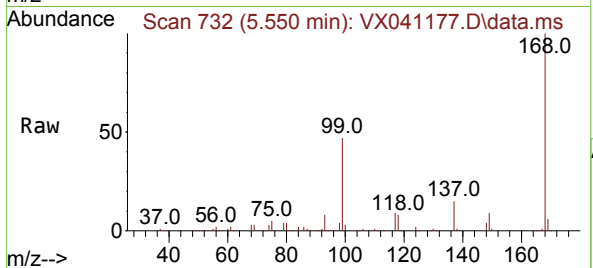


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

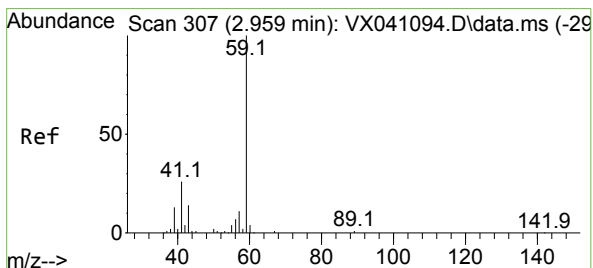
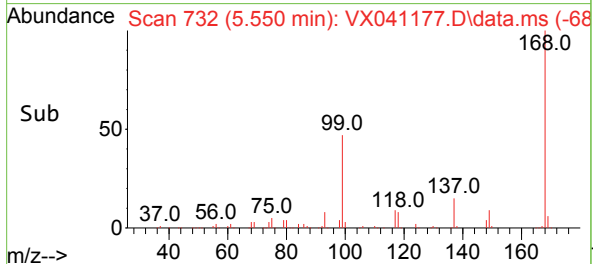
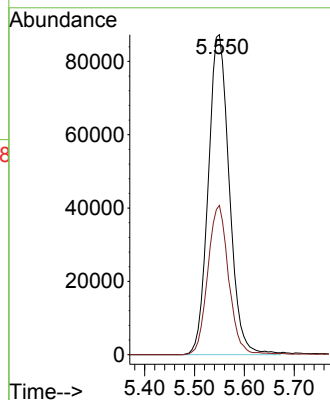
Instrument :

MSVOA_X

ClientSampleId :

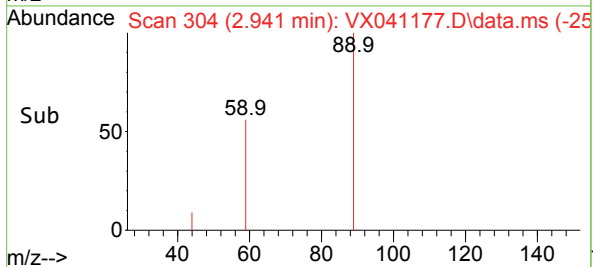
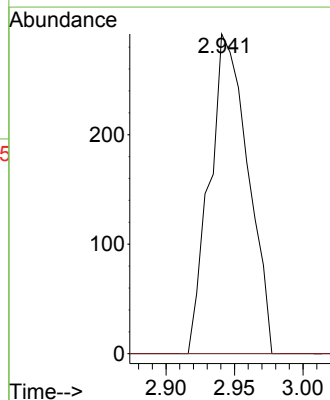
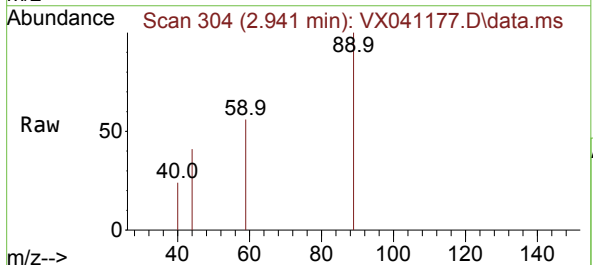


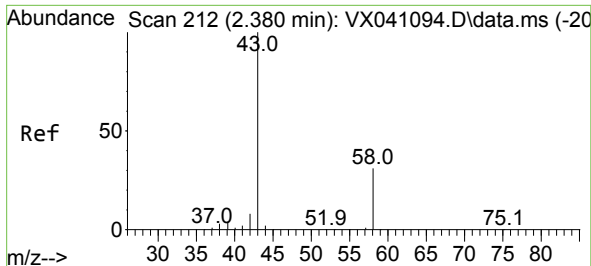
Tgt Ion:168 Resp: 255791
Ion Ratio Lower Upper
168 100
99 46.6 56.6 85.0#



#11
Tert butyl alcohol
Concen: 1.051 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

Tgt Ion: 59 Resp: 568
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

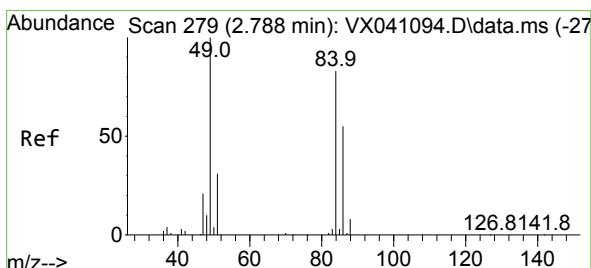
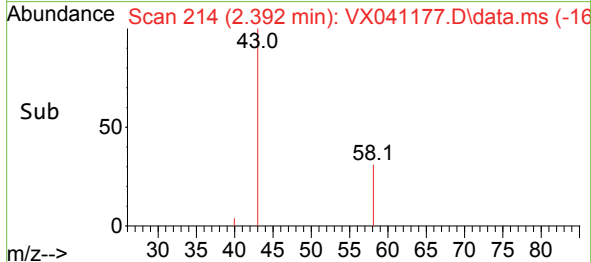
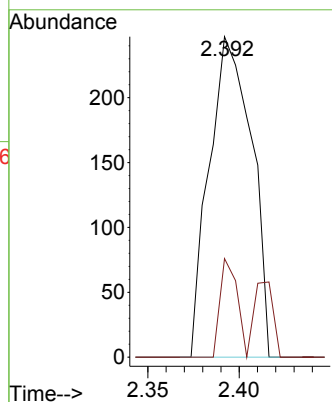
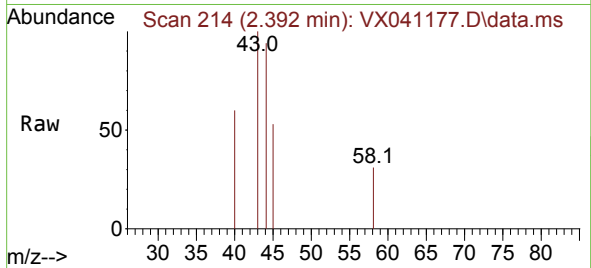




#16
Acetone
Concen: 0.342 ug/l
RT: 2.392 min Scan# 212
Delta R.T. 0.012 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

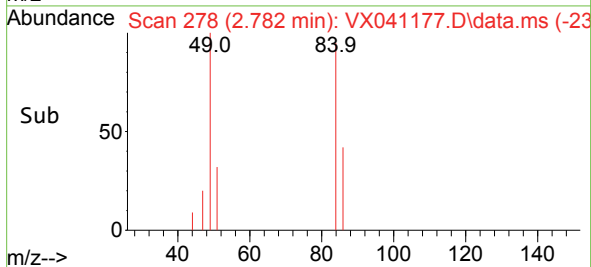
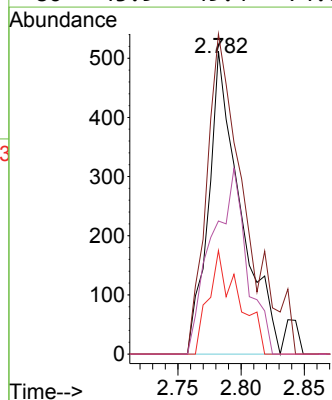
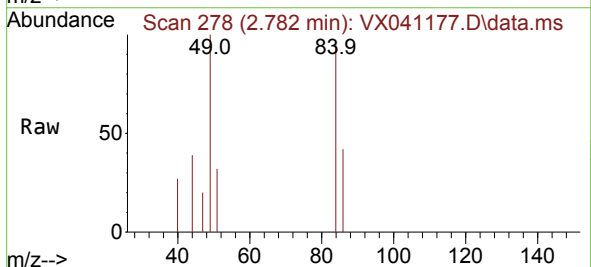
Instrument :
MSVOA_X
ClientSampleId :

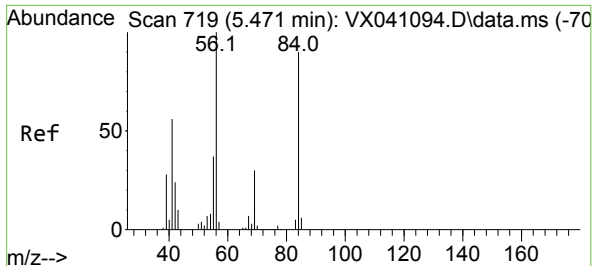
Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 30.8 21.9 32.9



#20
Methylene Chloride
Concen: 0.363 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

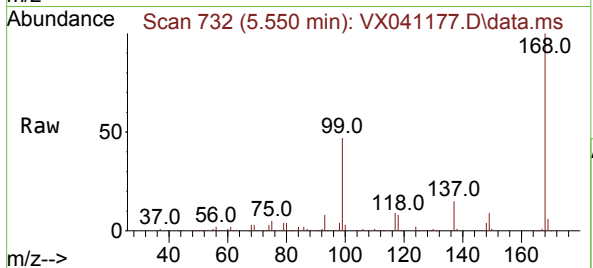
Tgt Ion: 84 Resp: 900
Ion Ratio Lower Upper
84 100
49 105.7 103.6 155.4
51 34.2 33.8 50.6
86 43.9 49.4 74.0#



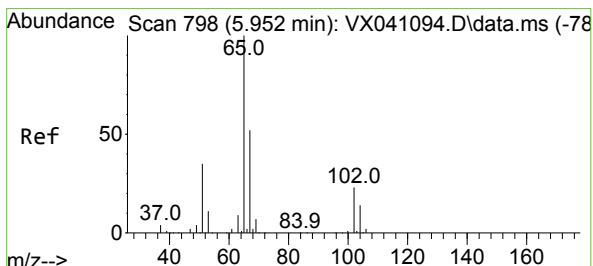
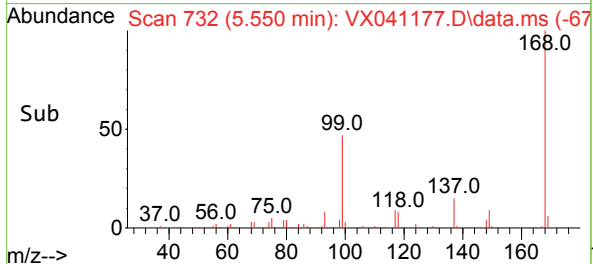
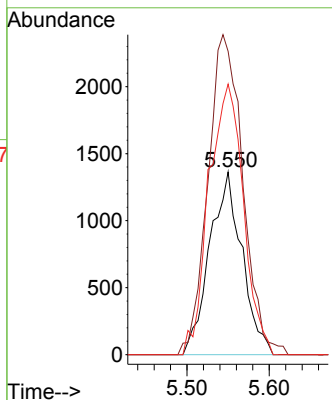


#31
Cyclohexane
Concen: 1.087 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

Instrument :
MSVOA_X
ClientSampleId :

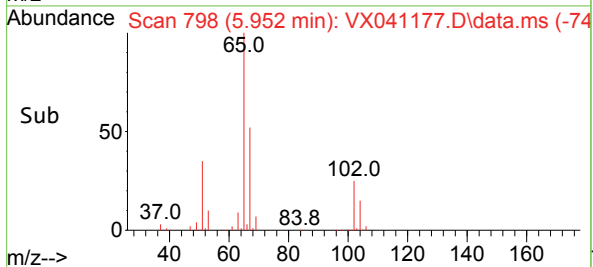
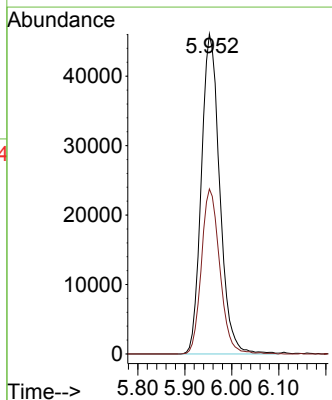
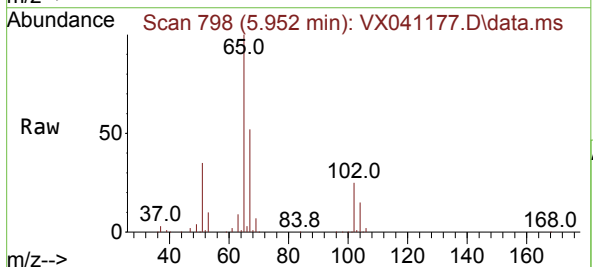


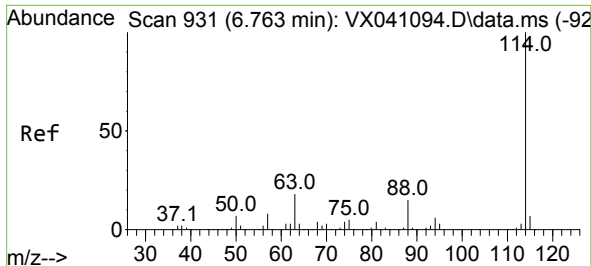
Tgt Ion: 56 Resp: 3719
Ion Ratio Lower Upper
56 100
69 166.0 23.4 35.2#
84 148.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.328 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

Tgt Ion: 65 Resp: 125180
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.2

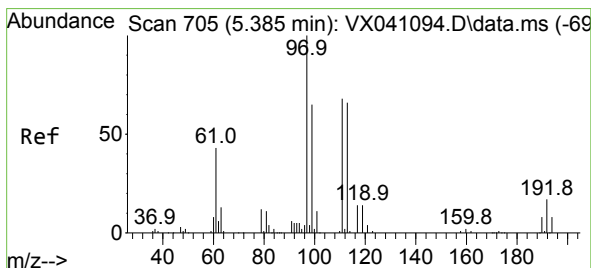
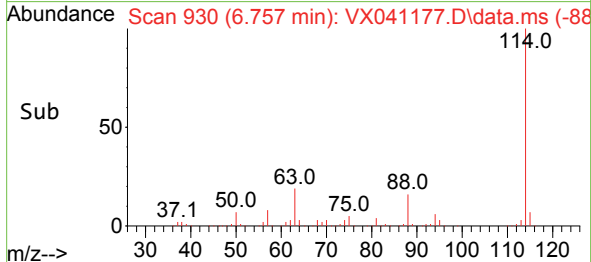
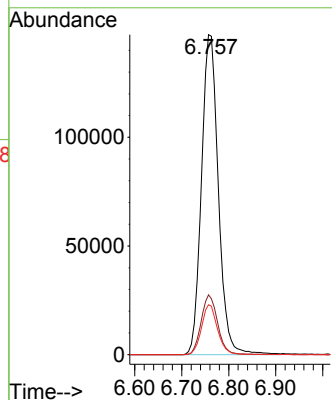
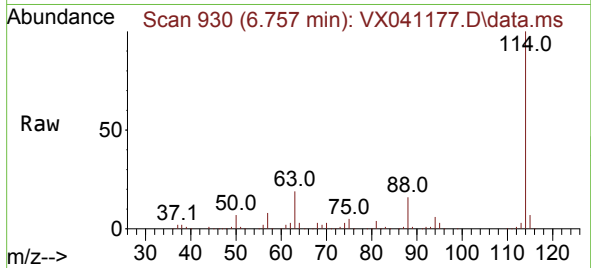




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

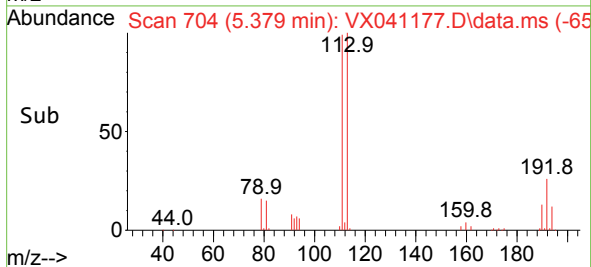
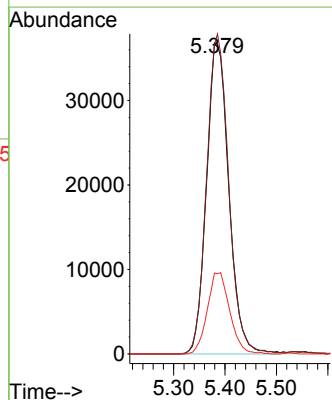
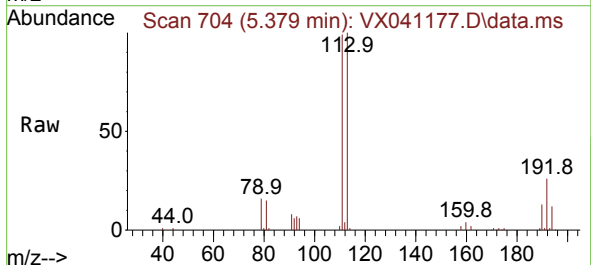
Instrument :
MSVOA_X
ClientSampleId :

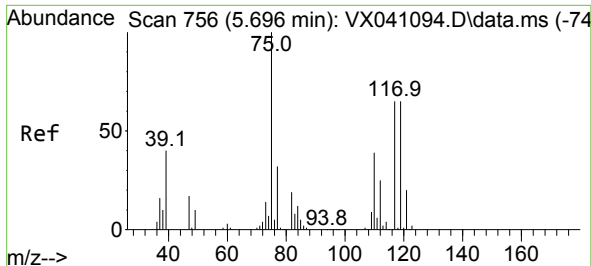
Tgt Ion:114 Resp: 368075
Ion Ratio Lower Upper
114 100
63 18.7 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.344 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

Tgt Ion:113 Resp: 111491
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 26.2 13.3 19.9#

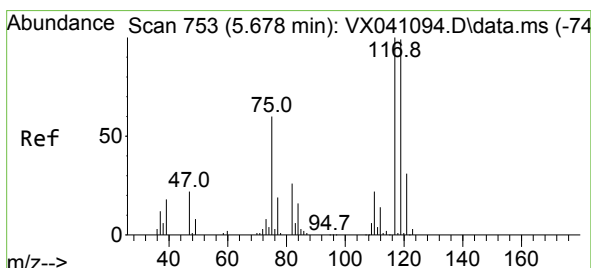
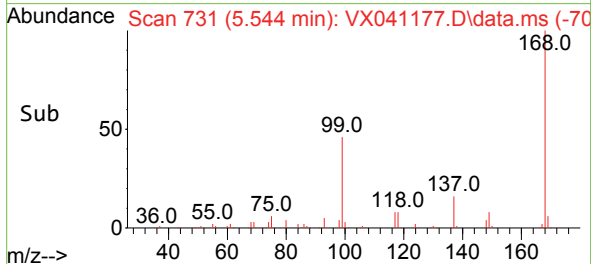
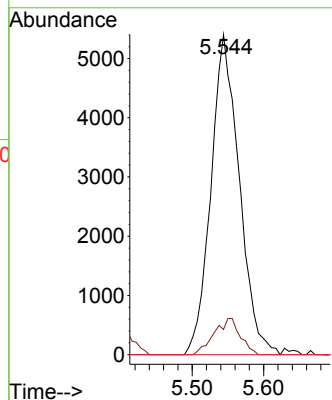
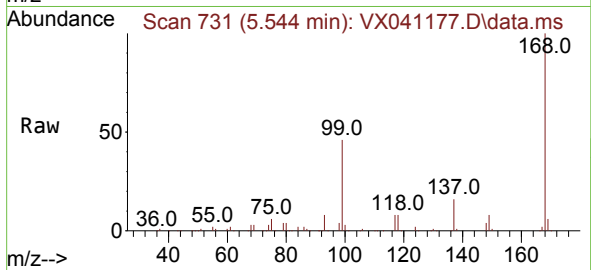




#36
1,1-Dichloropropene
Concen: 4.769 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

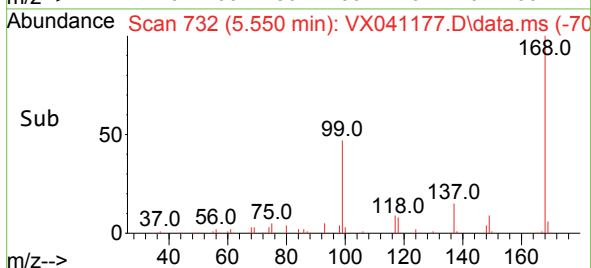
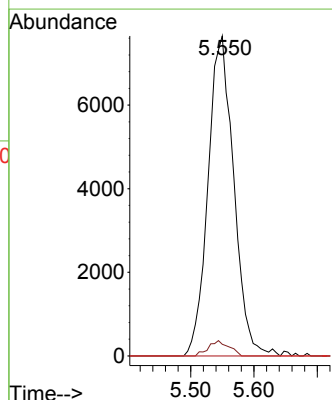
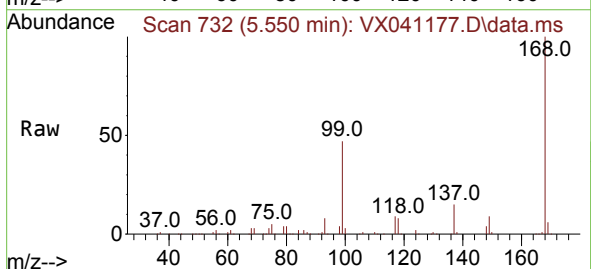
Instrument :
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ClientSampleId :

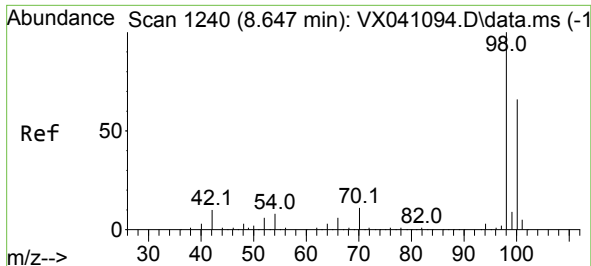
Tgt Ion: 75 Resp: 14846
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.998 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

Tgt Ion: 117 Resp: 21651
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#

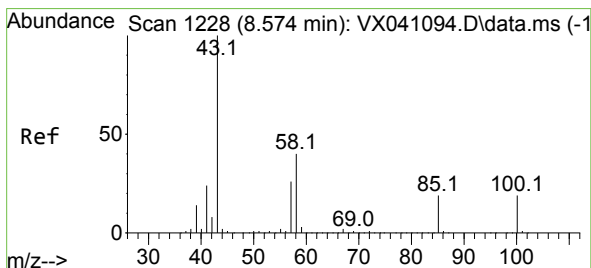
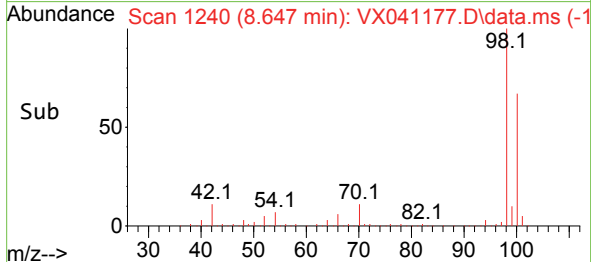
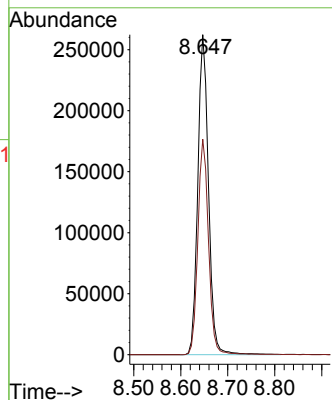
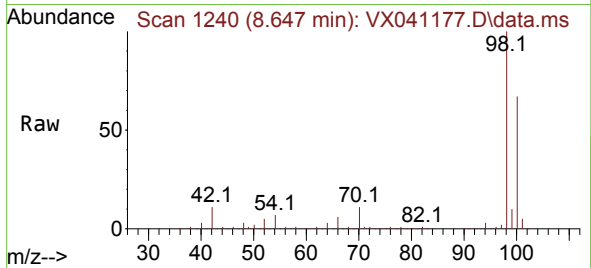




#50
Toluene-d8
Concen: 48.307 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

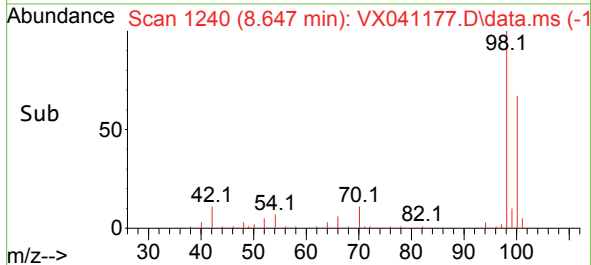
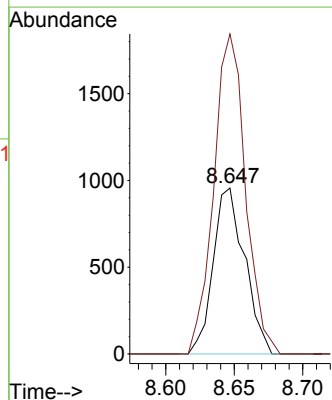
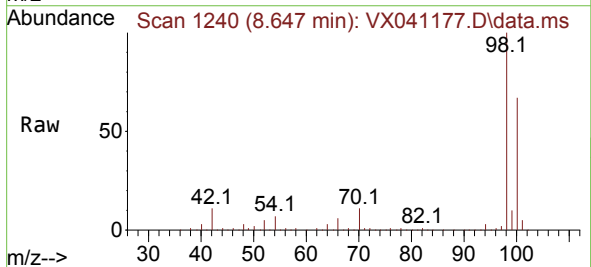
Instrument :
MSVOA_X
ClientSampleId :

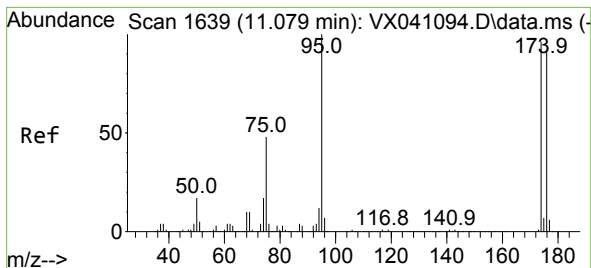
Tgt Ion: 98 Resp: 416048
Ion Ratio Lower Upper
98 100
100 67.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.408 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 194.1 30.4 45.6#

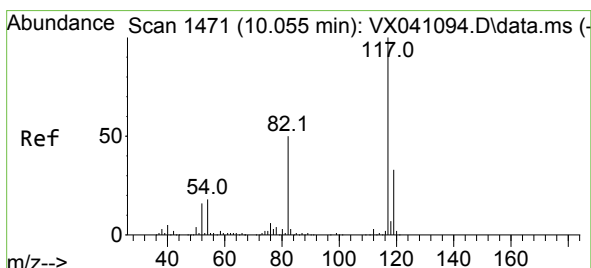
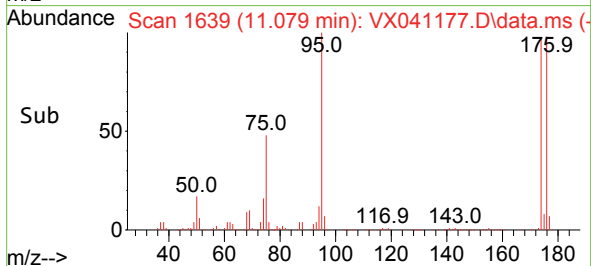
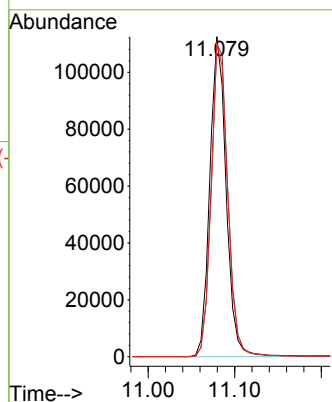
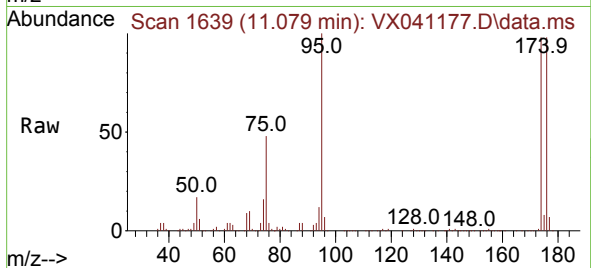




#62
4-Bromofluorobenzene
Concen: 44.912 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

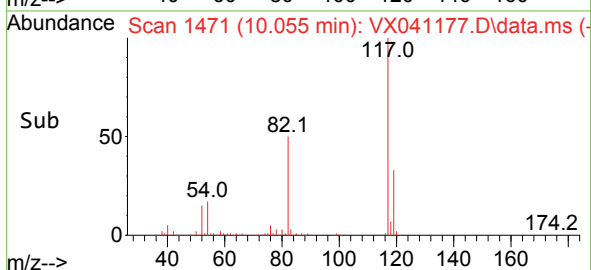
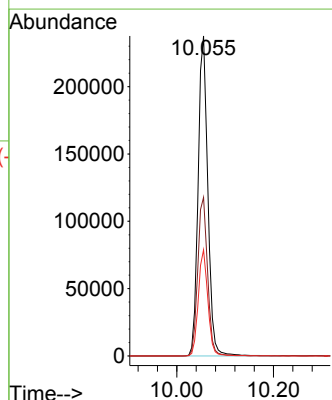
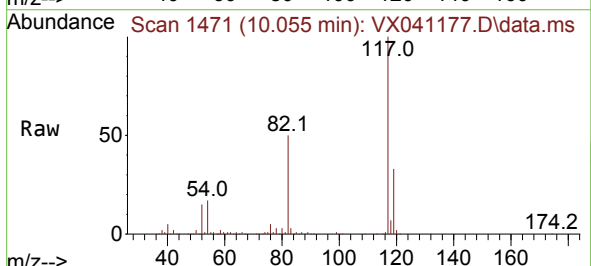
Instrument :
MSVOA_X
ClientSampleId :

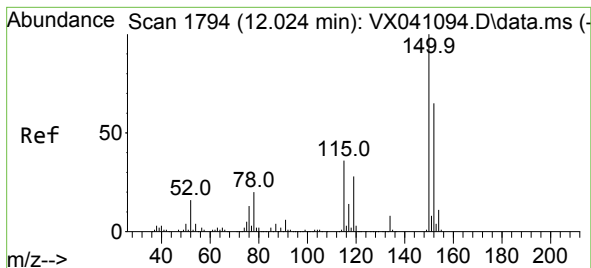
Tgt Ion: 95 Resp: 146834
Ion Ratio Lower Upper
95 100
174 101.3 0.0 135.6
176 98.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041177.D
Acq: 19 Apr 2024 14:50

Tgt Ion: 117 Resp: 329771
Ion Ratio Lower Upper
117 100
82 49.6 46.2 69.4
119 33.1 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

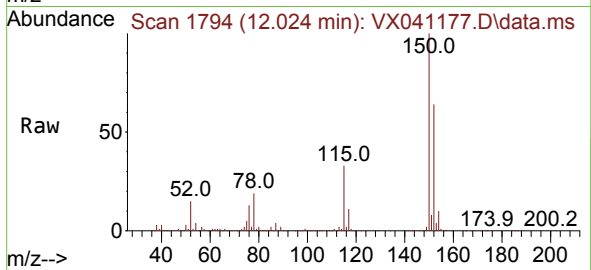
Lab File: VX041177.D

Acq: 19 Apr 2024 14:50

Instrument :

MSVOA_X

ClientSampleId :



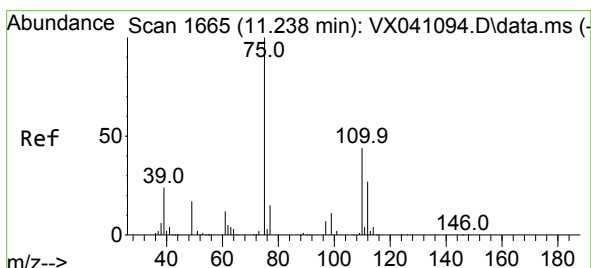
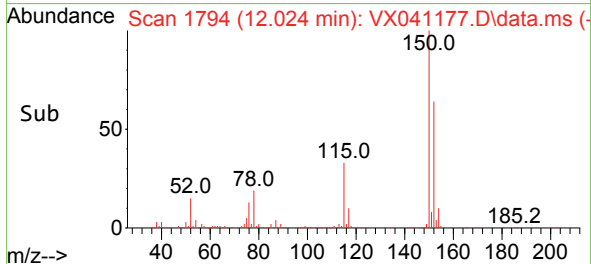
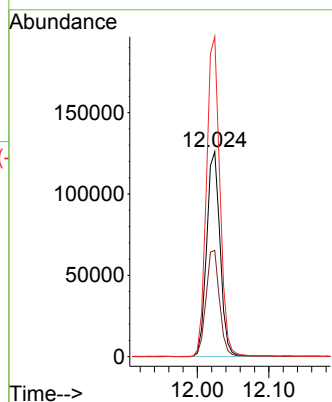
Tgt Ion:152 Resp: 164819

Ion Ratio Lower Upper

152 100

115 52.3 43.3 129.9

150 155.9 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.880 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041177.D

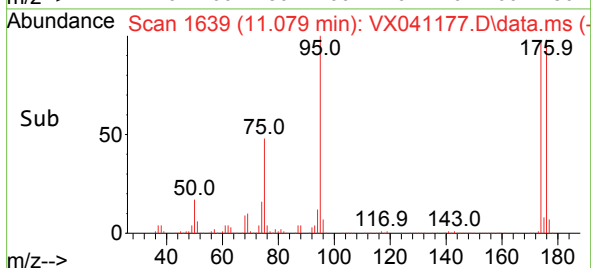
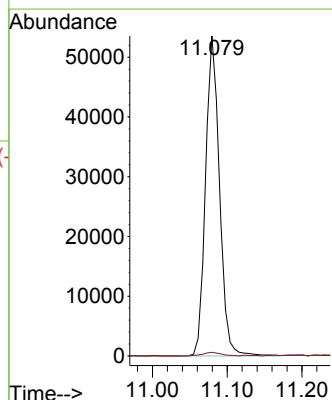
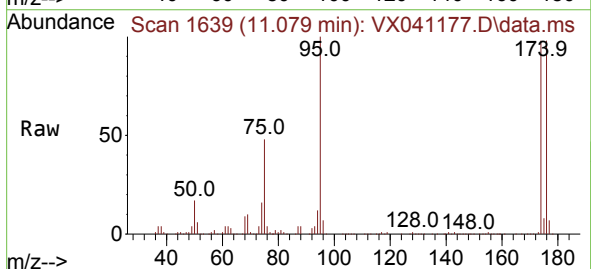
Acq: 19 Apr 2024 14:50

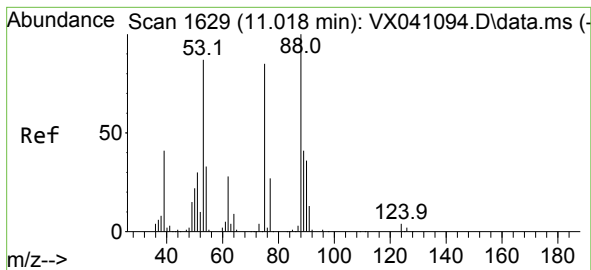
Tgt Ion: 75 Resp: 69511

Ion Ratio Lower Upper

75 100

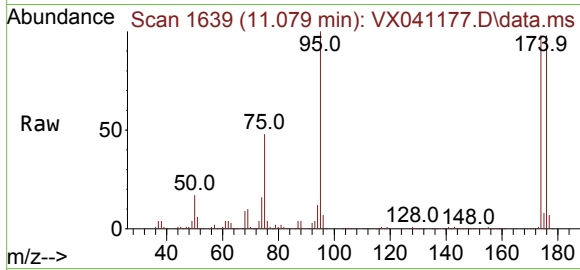
77 1.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.051 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041177.D
 Acq: 19 Apr 2024 14:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 69511
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

