

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039759.D
 Acq On : 15 Jan 2024 16:41
 Operator : JC/MD
 Sample : P1145-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 16 01:43:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

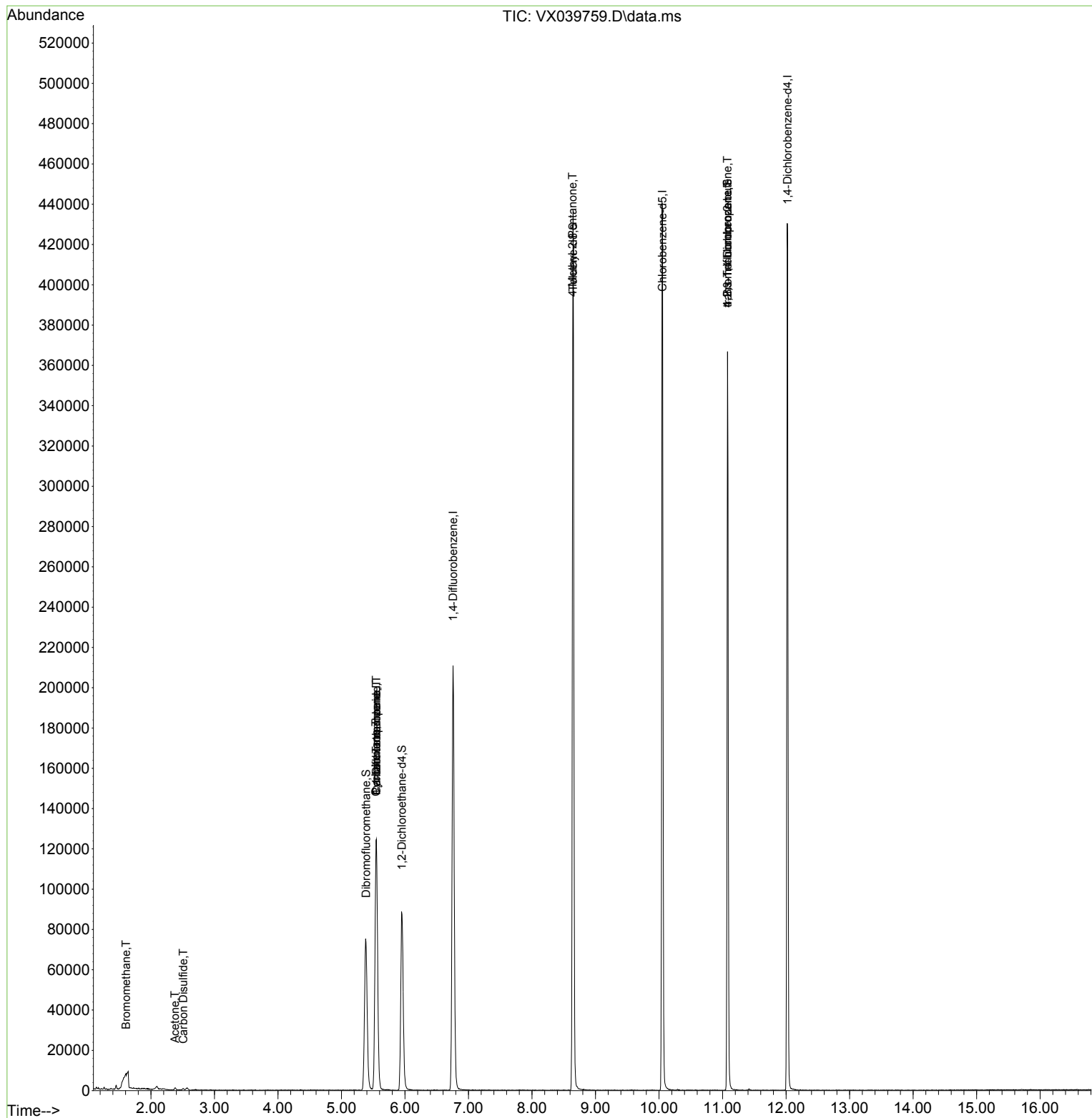
Internal Standards						
1) Pentafluorobenzene	5.550	168	112193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207548	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85311	45.393	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.780%
35) Dibromofluoromethane	5.385	113	65944	47.173	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.340%
50) Toluene-d8	8.647	98	253695	48.118	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.240%
62) 4-Bromofluorobenzene	11.079	95	99101	48.067	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.140%
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	247	0.277	ug/l	82
16) Acetone	2.380	43	1267	1.199	ug/l #	85
17) Carbon Disulfide	2.508	76	971	0.250	ug/l #	76
31) Cyclohexane	5.544	56	2892	1.166	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	10084	4.634	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12212	6.128	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	1111	0.379	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53397	24.605	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53397	70.502	ug/l #	5

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
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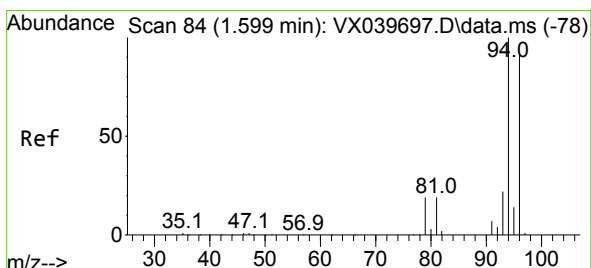
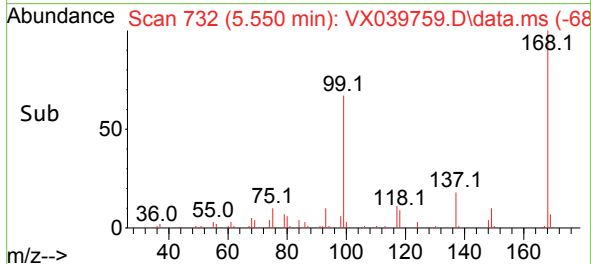
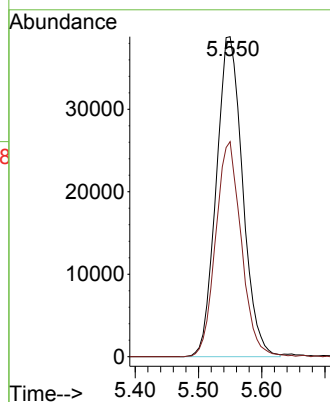
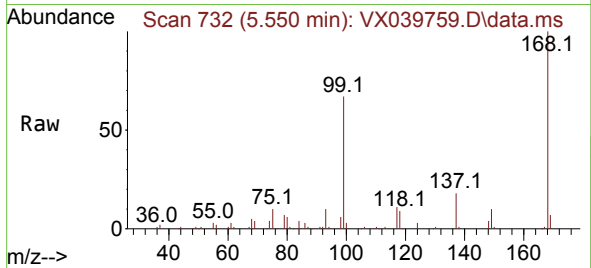




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

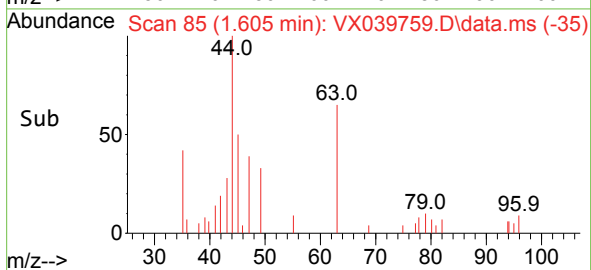
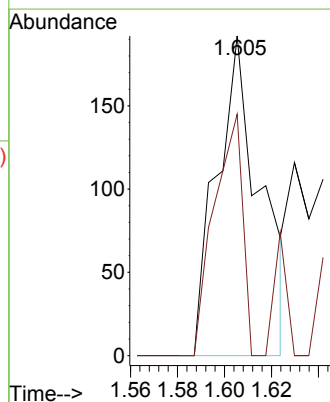
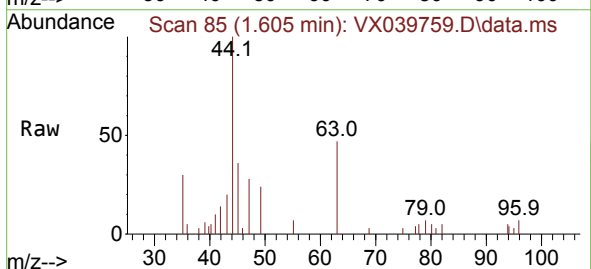
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 112193
Ion Ratio Lower Upper
168 100
99 67.2 56.6 85.0



#5
Bromomethane
Concen: 0.277 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

Tgt Ion: 94 Resp: 247
Ion Ratio Lower Upper
94 100
96 75.5 74.6 111.8

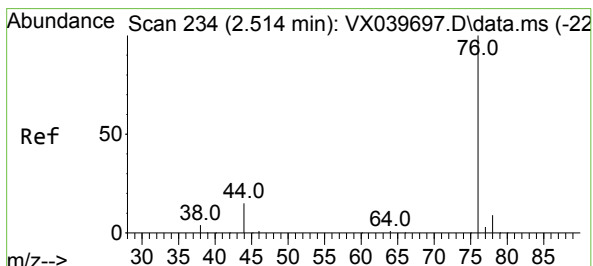
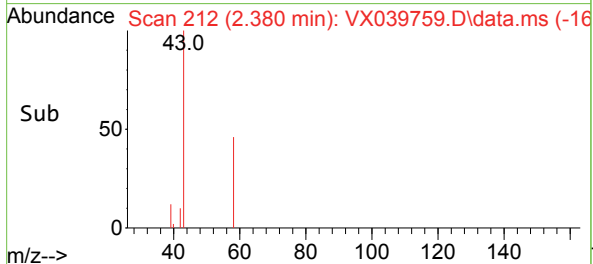
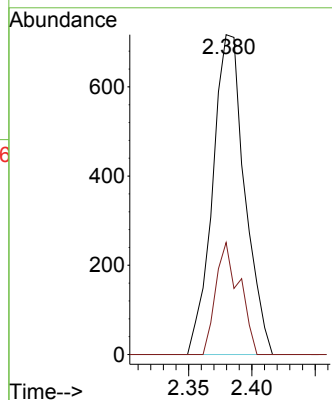
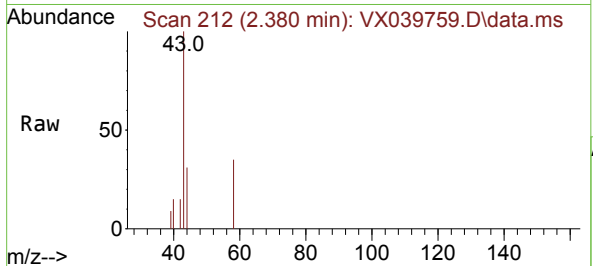




#16
Acetone
Concen: 1.199 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

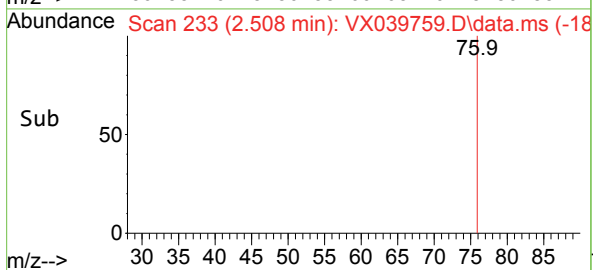
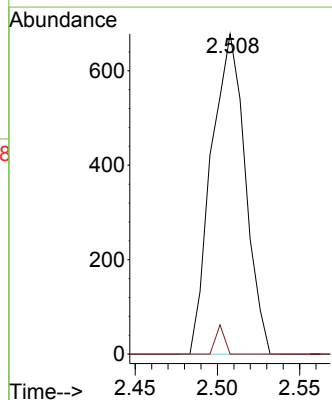
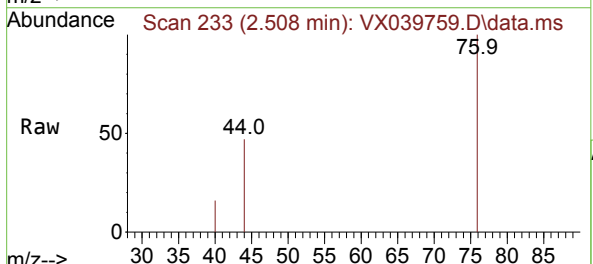
Instrument :
MSVOA_X
ClientSampleId :

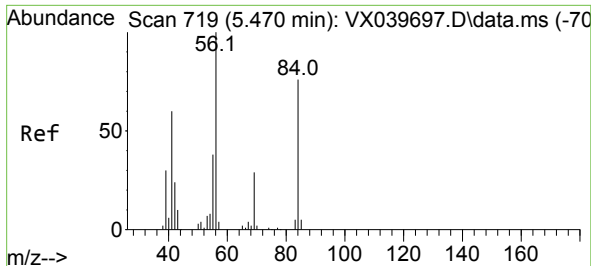
Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
58 35.0 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.250 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

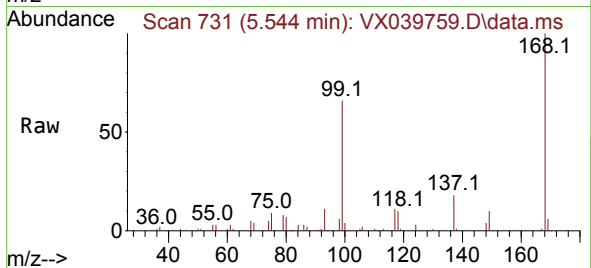
Tgt Ion: 76 Resp: 971
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



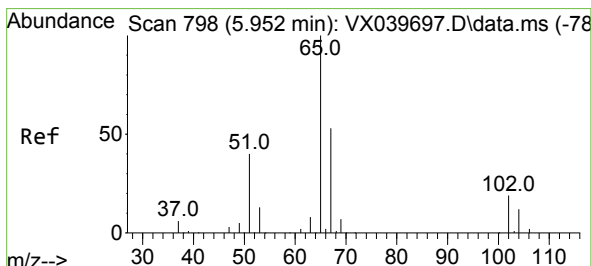
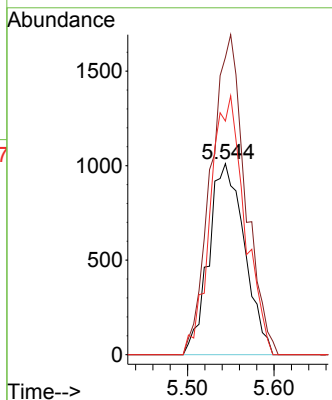
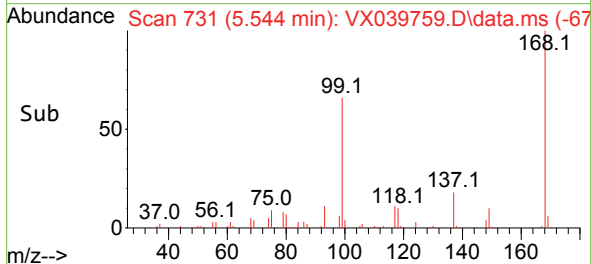


#31
Cyclohexane
Concen: 1.166 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :

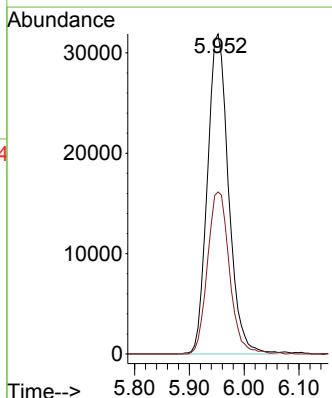
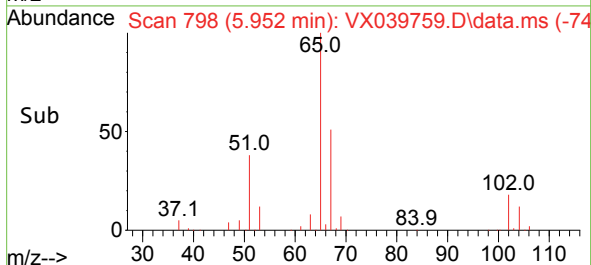
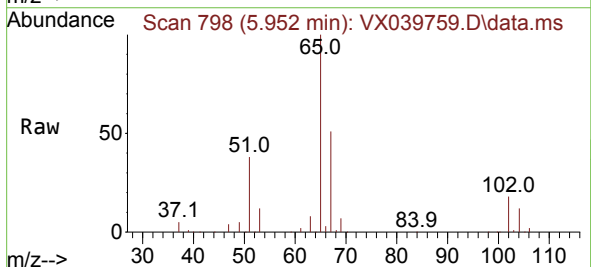


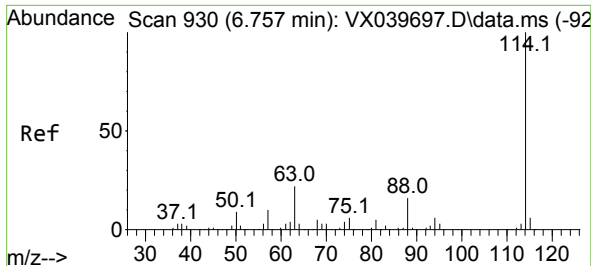
Tgt Ion: 56 Resp: 2892
Ion Ratio Lower Upper
56 100
69 155.6 23.4 35.2#
84 122.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.393 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

Tgt Ion: 65 Resp: 85311
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

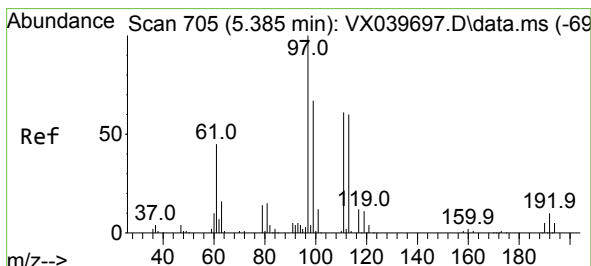
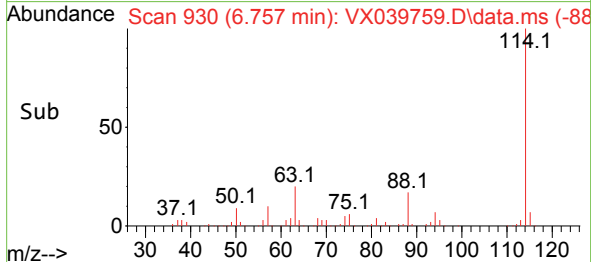
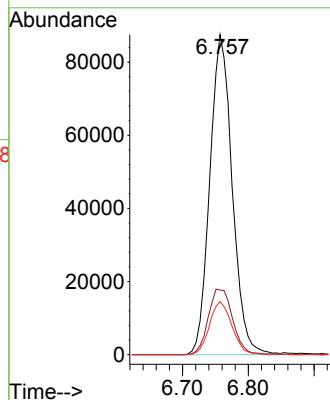
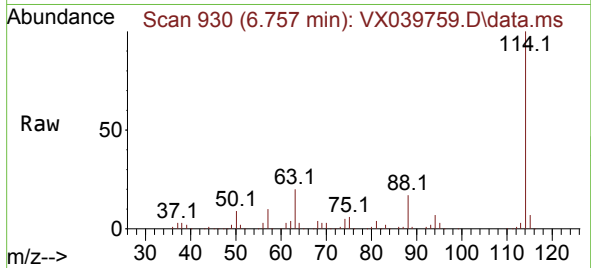




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

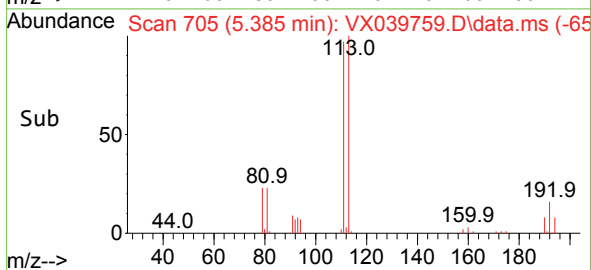
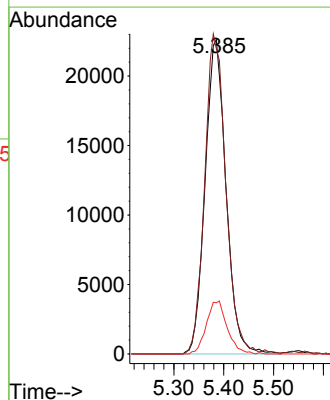
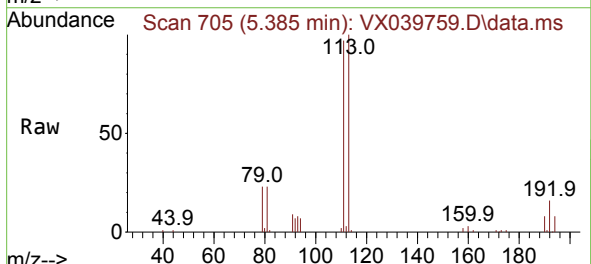
Instrument :
MSVOA_X
ClientSampleId :

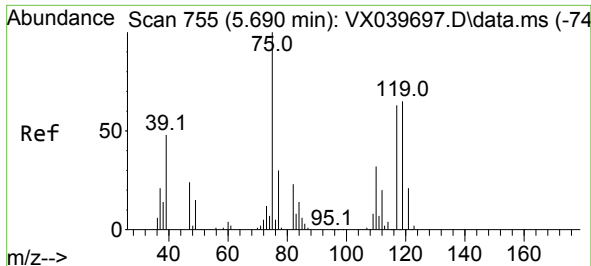
Tgt Ion:114 Resp: 207548
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.173 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

Tgt Ion:113 Resp: 65944
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 16.7 13.3 19.9

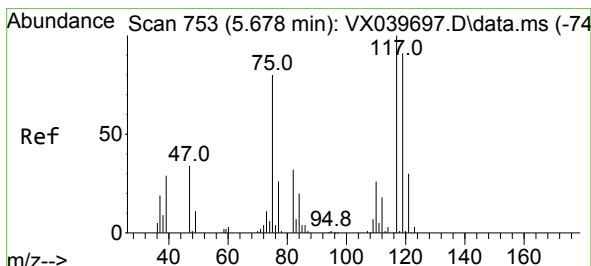
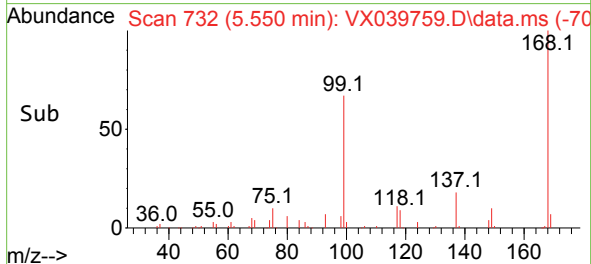
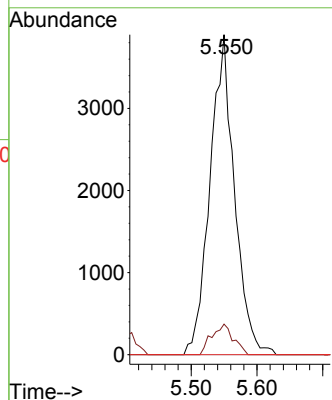
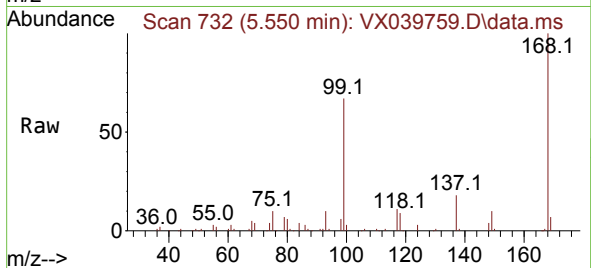




#36
1,1-Dichloropropene
Concen: 4.634 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

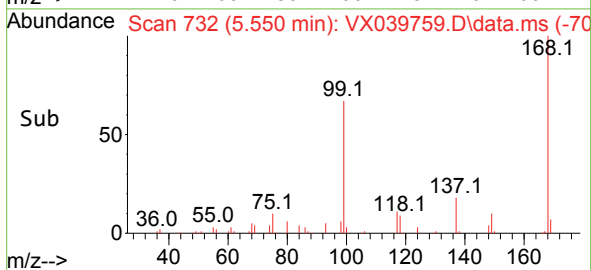
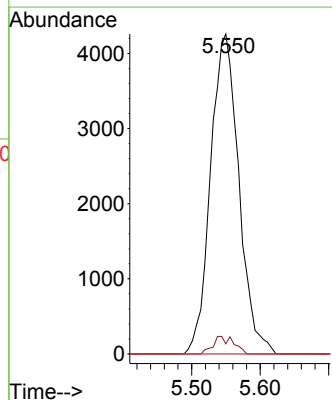
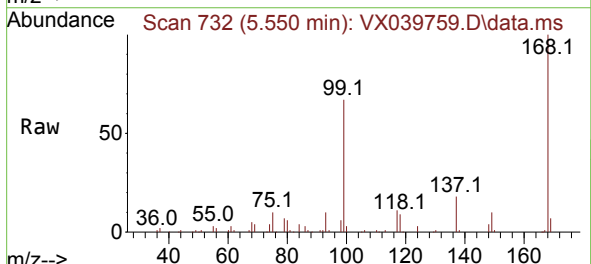
Instrument :
MSVOA_X
ClientSampleId :

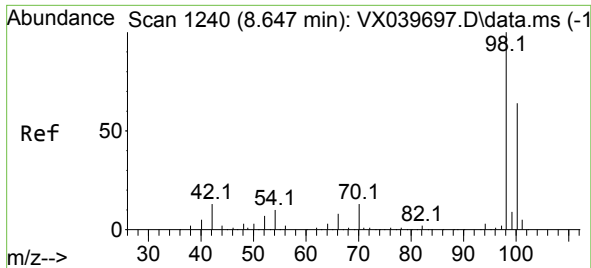
Tgt Ion: 75 Resp: 10084
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.128 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

Tgt Ion:117 Resp: 12212
Ion Ratio Lower Upper
117 100
119 3.1 78.2 117.2#
121 0.0 24.4 36.6#

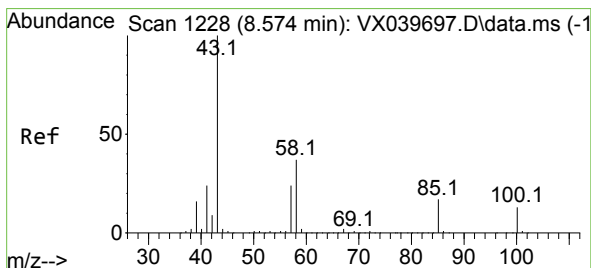
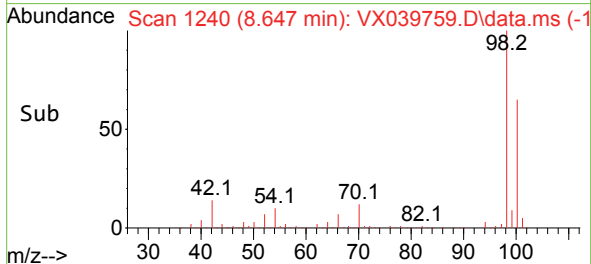
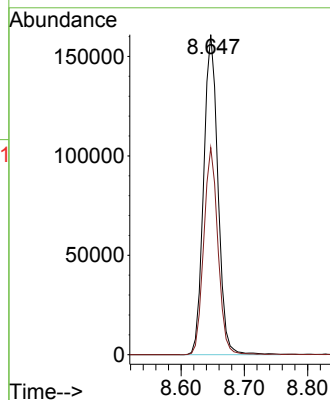
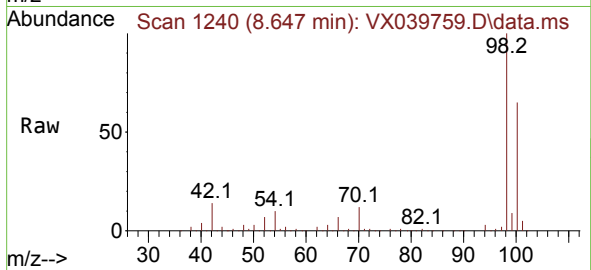




#50
Toluene-d8
Concen: 48.118 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

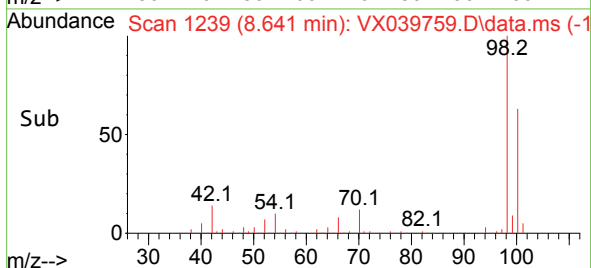
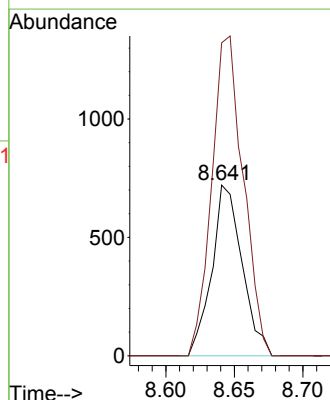
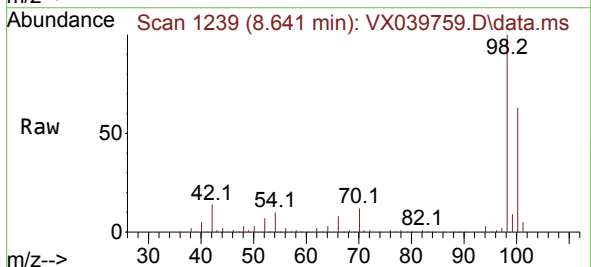
Instrument :
MSVOA_X
ClientSampleId :

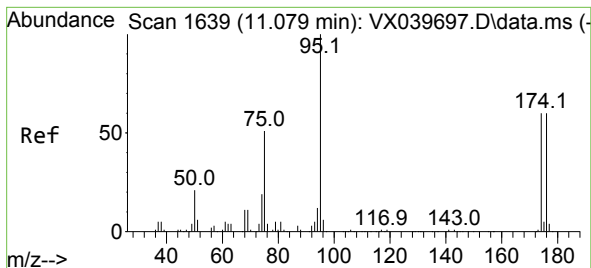
Tgt Ion: 98 Resp: 253695
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.379 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

Tgt Ion: 43 Resp: 1111
Ion Ratio Lower Upper
43 100
58 194.9 30.4 45.6#

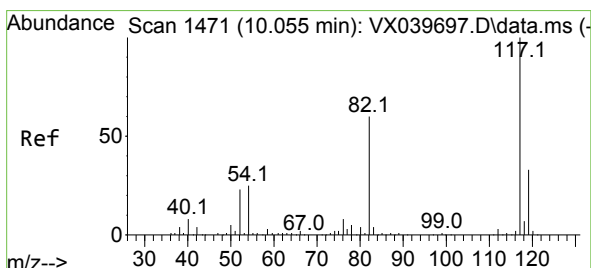
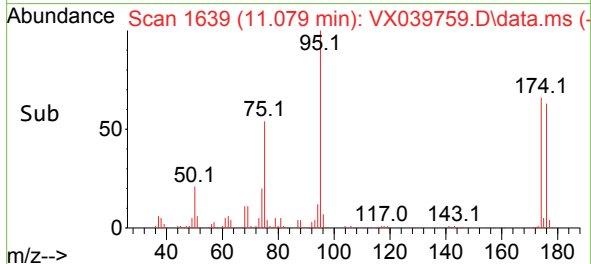
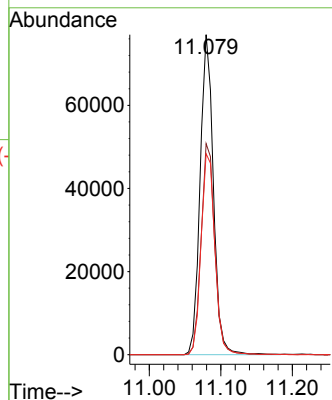
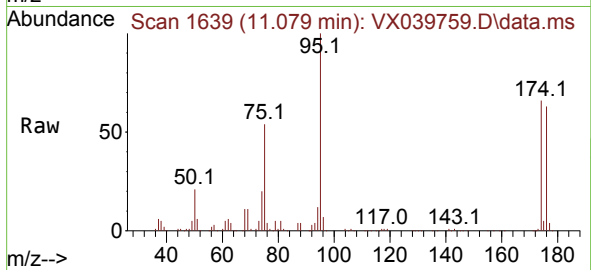




#62
4-Bromofluorobenzene
Concen: 48.067 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

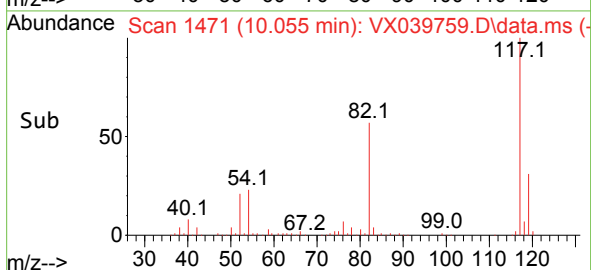
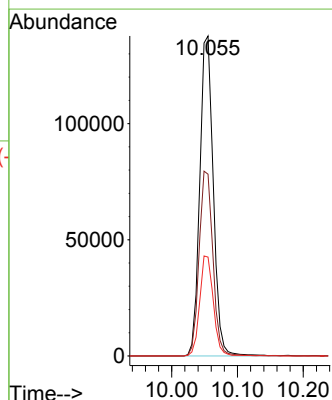
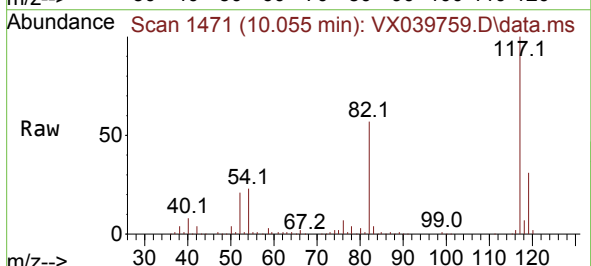
Instrument :
MSVOA_X
ClientSampleId :

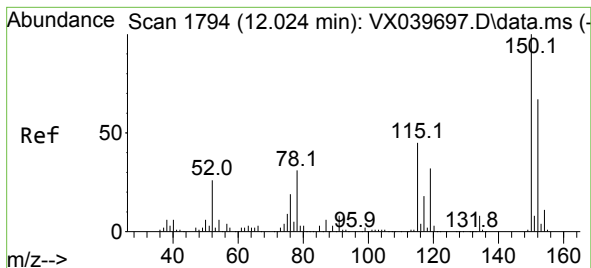
Tgt Ion: 95 Resp: 99101
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.6
176 65.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

Tgt Ion: 117 Resp: 196809
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 30.9 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: VX039759.D

Acq: 15 Jan 2024 16:41

Instrument :

MSVOA_X

ClientSampleId :

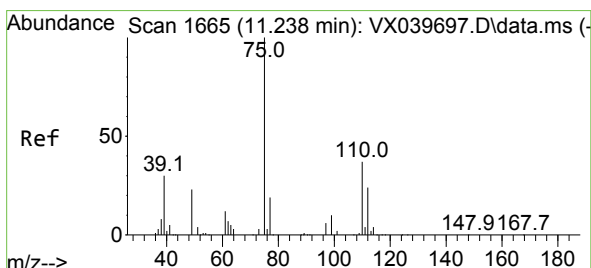
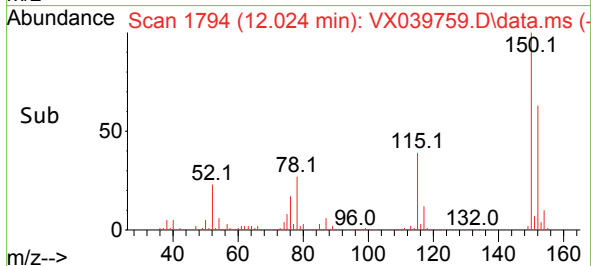
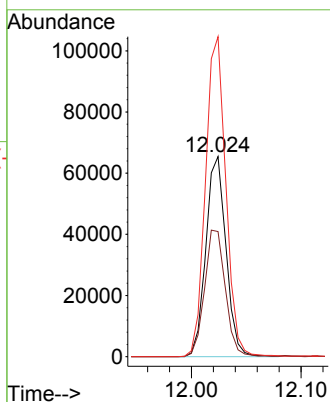
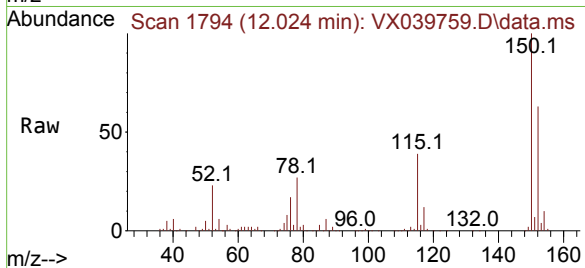
Tgt Ion:152 Resp: 83708

Ion Ratio Lower Upper

152 100

115 65.3 43.3 129.9

150 161.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 24.605 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039759.D

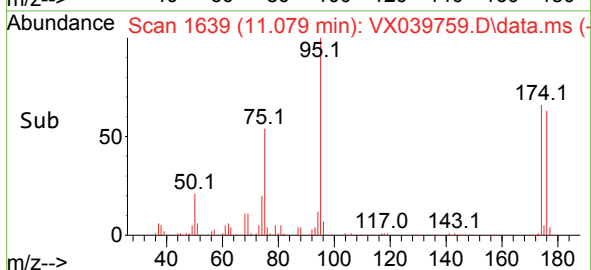
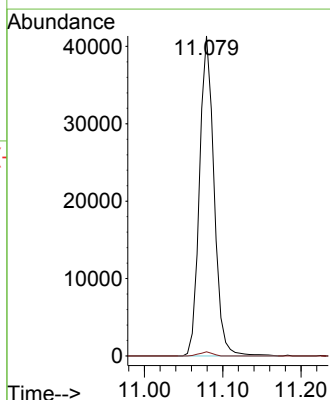
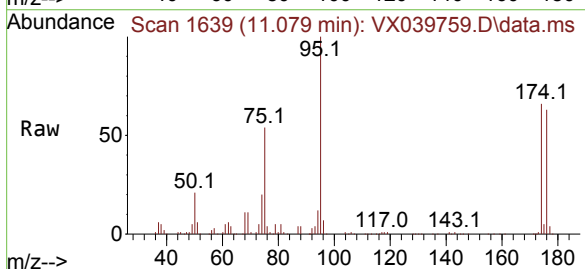
Acq: 15 Jan 2024 16:41

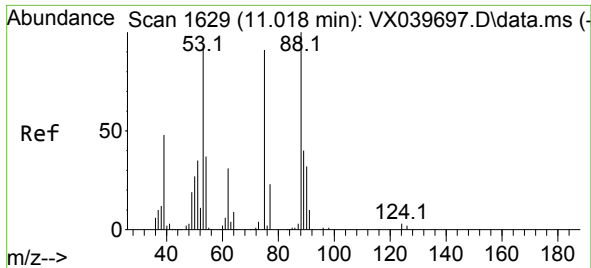
Tgt Ion: 75 Resp: 53397

Ion Ratio Lower Upper

75 100

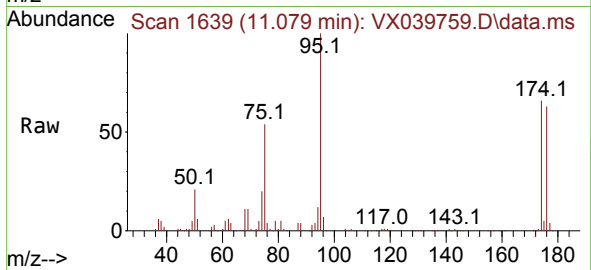
77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 70.502 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039759.D
Acq: 15 Jan 2024 16:41

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 53397
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

