

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037019.D
 Acq On : 16 Aug 2023 15:48
 Operator : JC/MD
 Sample : 04024-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20230815

Quant Time: Aug 17 04:16:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

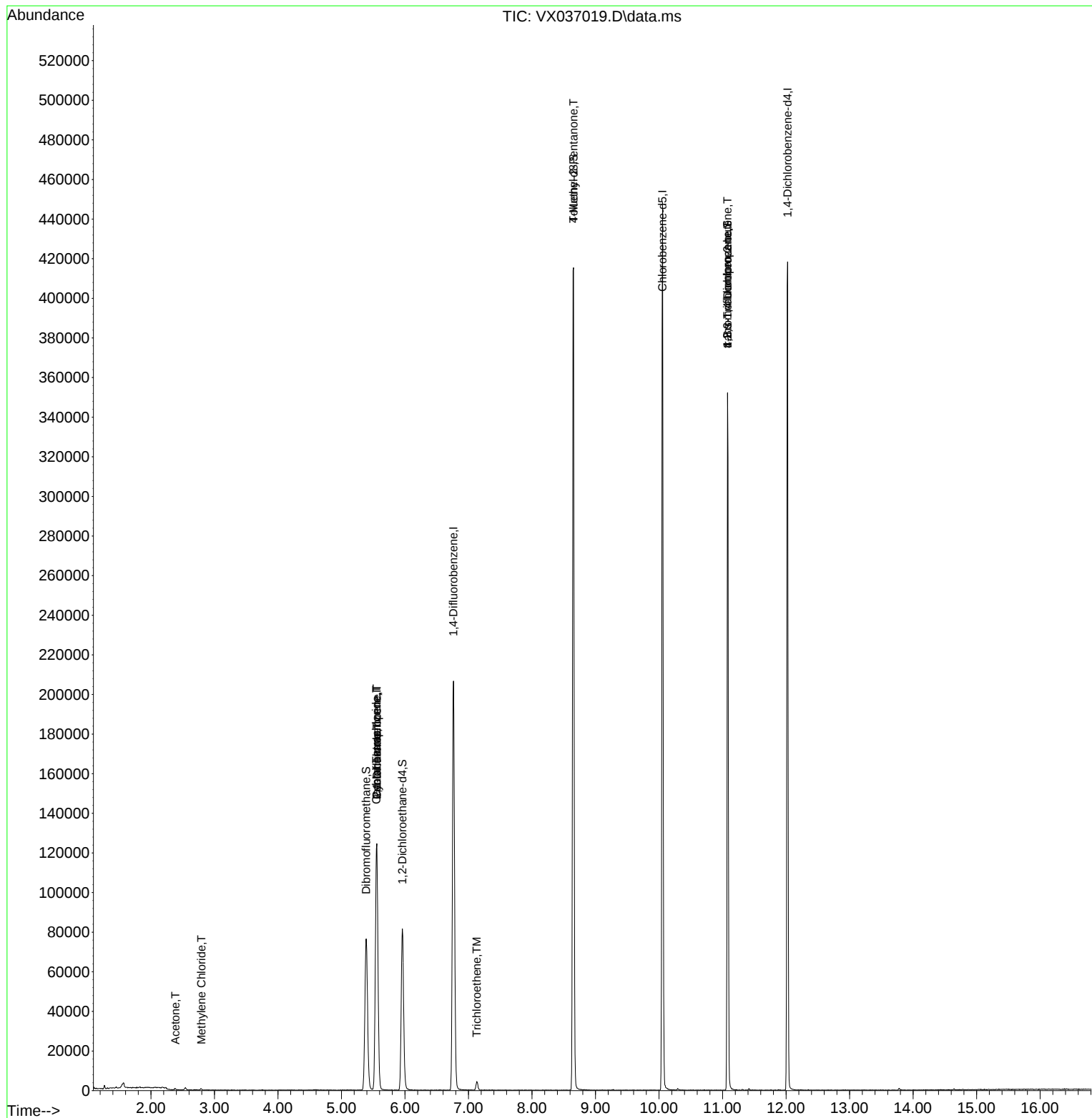
Internal Standards						
1) Pentafluorobenzene	5.556	168	115644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	213005	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82690	48.325	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.640%		
35) Dibromofluoromethane	5.385	113	68767	46.970	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.940%		
50) Toluene-d8	8.653	98	253557	48.837	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.680%		
62) 4-Bromofluorobenzene	11.079	95	97877	49.967	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.940%		
Target Compounds						
					Qvalue	
16) Acetone	2.385	43	765	1.077	ug/l	91
20) Methylene Chloride	2.794	84	317	0.201	ug/l #	89
31) Cyclohexane	5.556	56	2610	1.102	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9383	4.300	ug/l #	47
38) Carbon Tetrachloride	5.550	117	12083	5.208	ug/l #	15
44) Trichloroethene	7.129	130	1868	1.126	ug/l	90
51) 4-Methyl-2-Pentanone	8.653	43	1067	0.453	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51301	25.115	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	51301	56.924	ug/l #	5

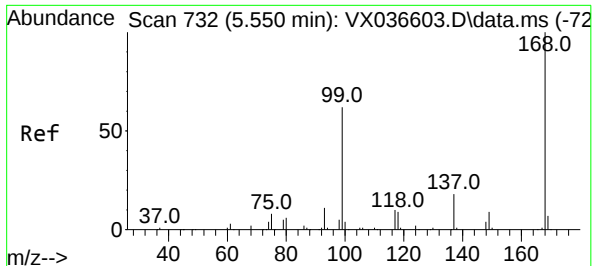
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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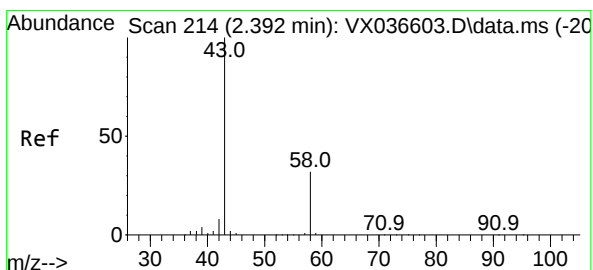
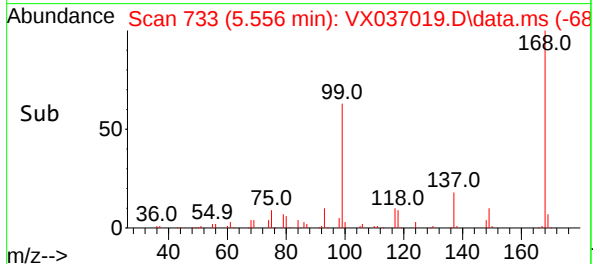
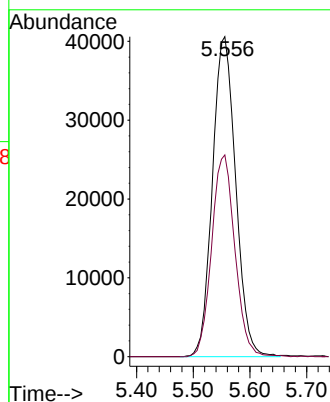
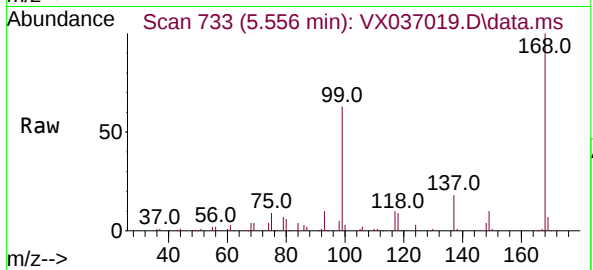




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037019.D
Acq: 16 Aug 2023 15:48

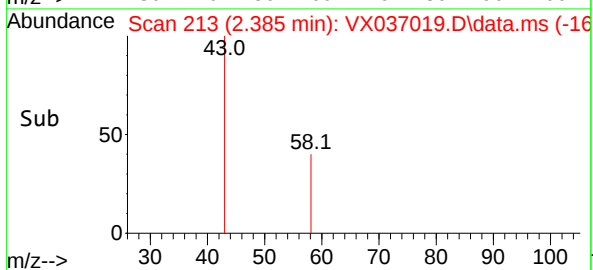
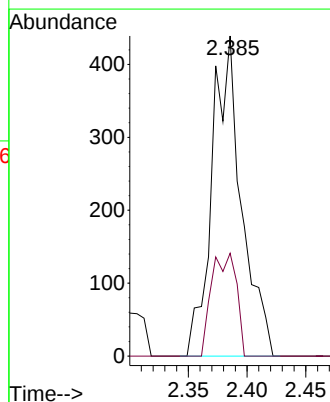
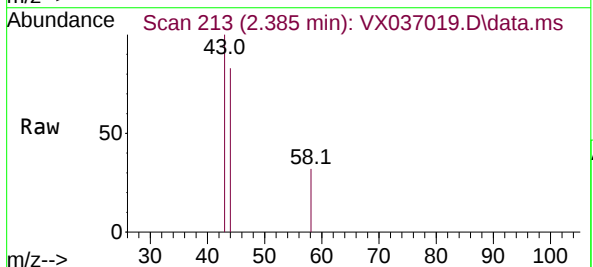
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20230815

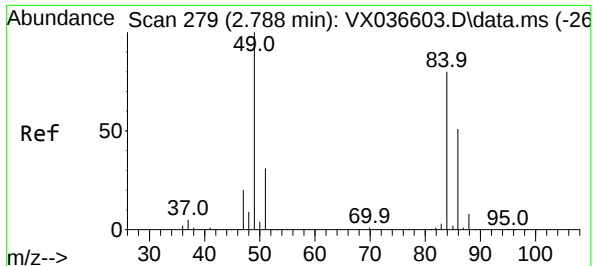
Tgt Ion:168 Resp: 115644
Ion Ratio Lower Upper
168 100
99 63.0 56.6 85.0



#16
Acetone
Concen: 1.077 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037019.D
Acq: 16 Aug 2023 15:48

Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
58 32.1 21.9 32.9





#20

Methylene Chloride

Concen: 0.201 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX037019.D

Acq: 16 Aug 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-20230815

Tgt Ion: 84 Resp: 317

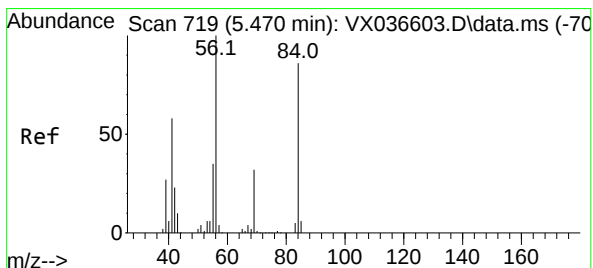
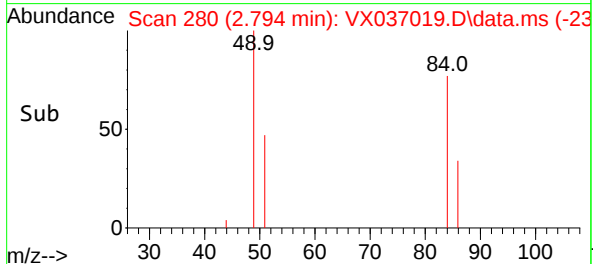
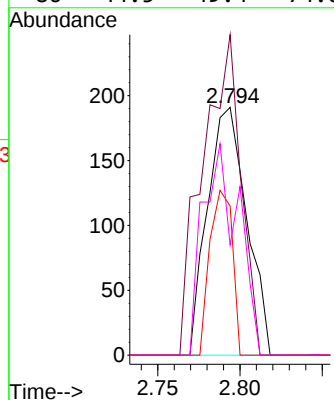
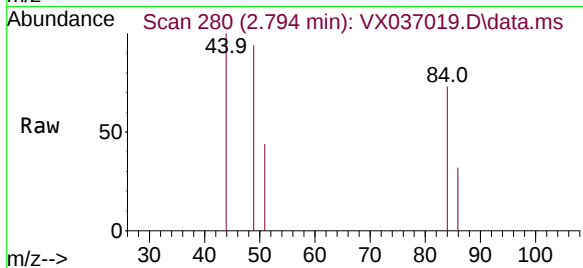
Ion Ratio Lower Upper

84 100

49 129.3 103.6 155.4

51 60.2 33.8 50.6#

86 44.5 49.4 74.0#



#31

Cyclohexane

Concen: 1.102 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037019.D

Acq: 16 Aug 2023 15:48

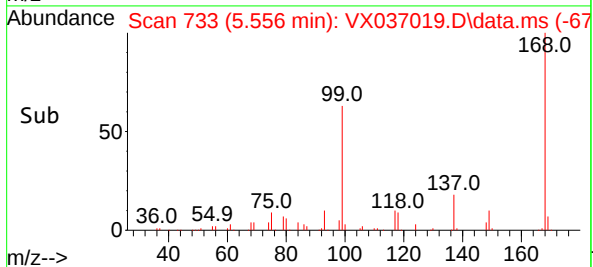
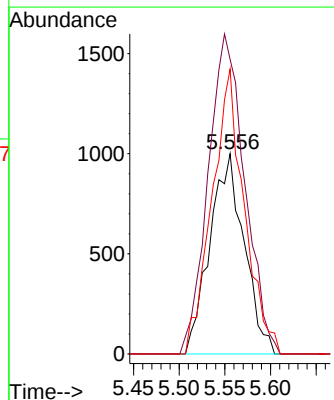
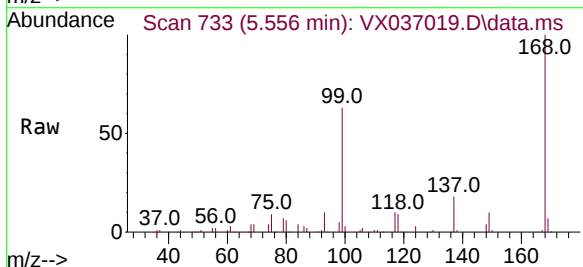
Tgt Ion: 56 Resp: 2610

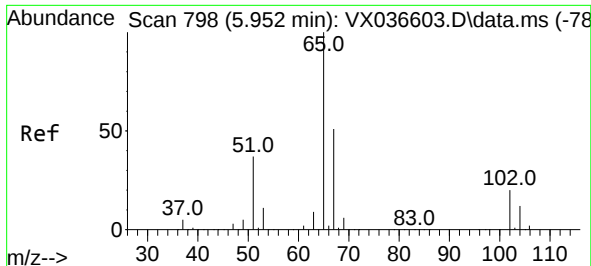
Ion Ratio Lower Upper

56 100

69 147.1 23.4 35.2#

84 142.3 65.9 98.9#

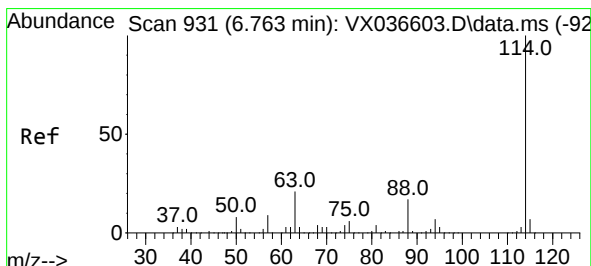
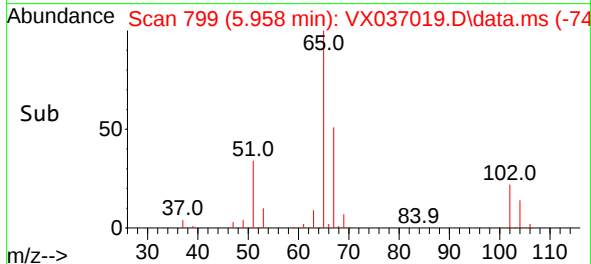
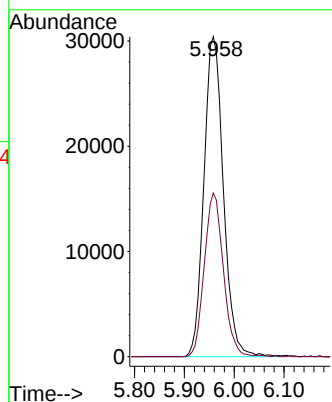
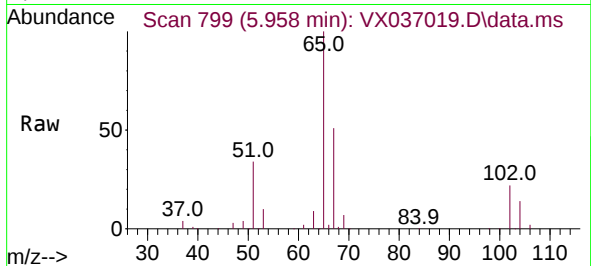




#33
 1,2-Dichloroethane-d4
 Concen: 48.325 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.006 min
 Lab File: VX037019.D
 Acq: 16 Aug 2023 15:48

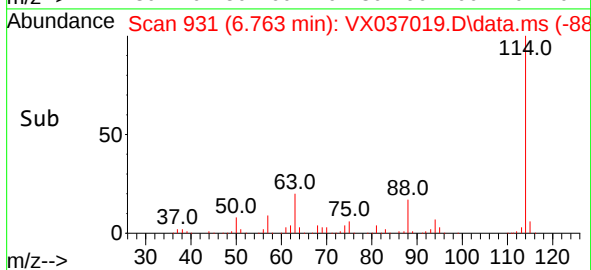
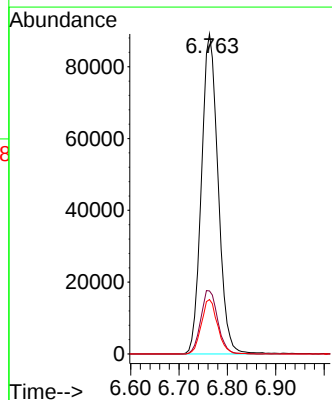
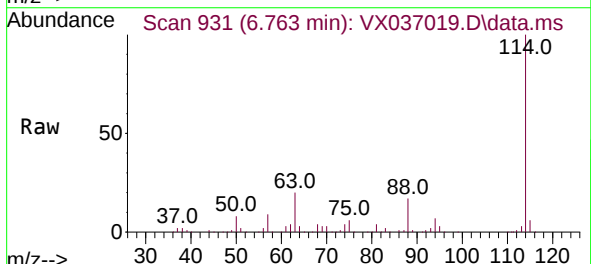
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20230815

Tgt Ion: 65 Resp: 82690
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037019.D
 Acq: 16 Aug 2023 15:48

Tgt Ion: 114 Resp: 213005
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 45.0
 88 17.0 0.0 36.6

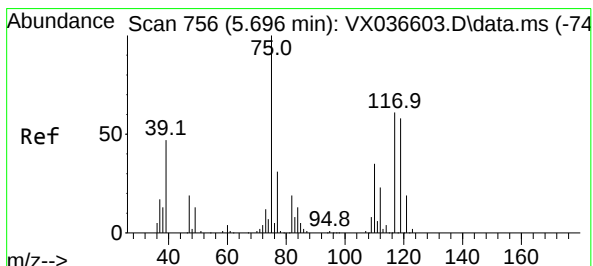
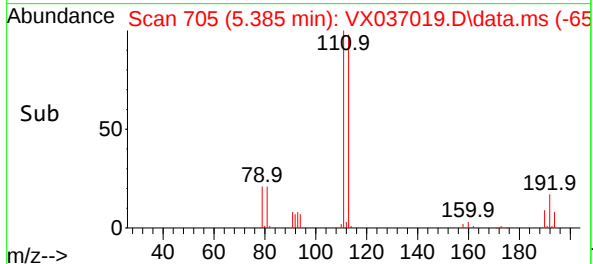
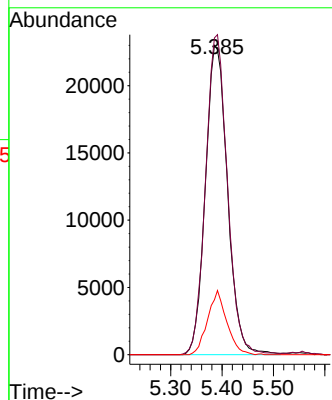
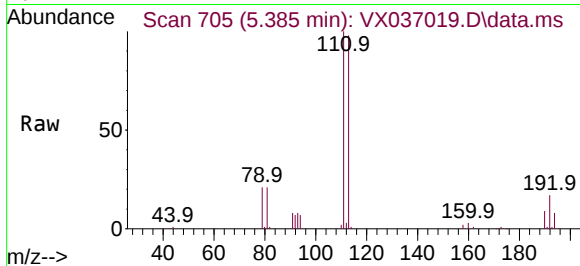




#35
Dibromofluoromethane
Concen: 46.970 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037019.D
Acq: 16 Aug 2023 15:48

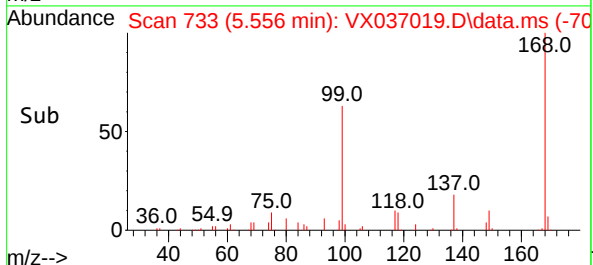
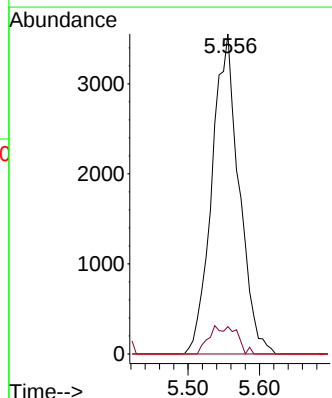
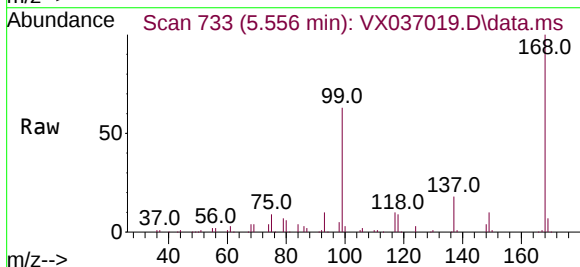
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20230815

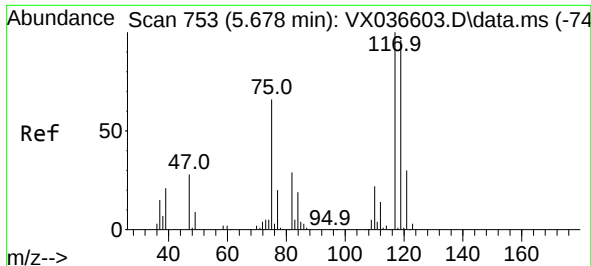
Tgt Ion:113 Resp: 68767
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.300 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037019.D
Acq: 16 Aug 2023 15:48

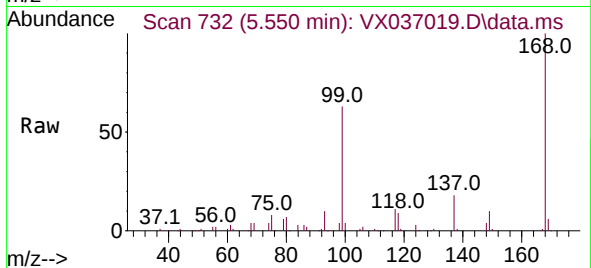
Tgt Ion: 75 Resp: 9383
Ion Ratio Lower Upper
75 100
110 4.9 17.0 50.9#
77 0.0 24.7 37.1#



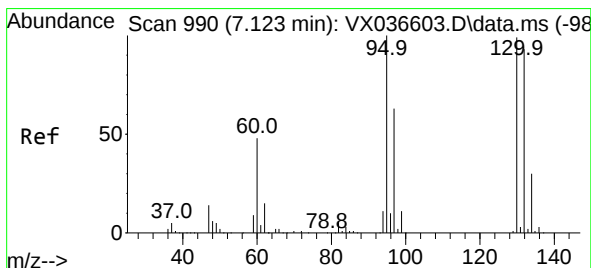
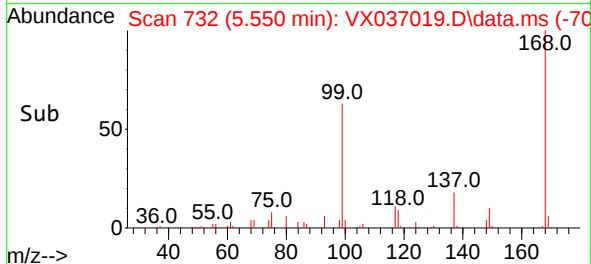
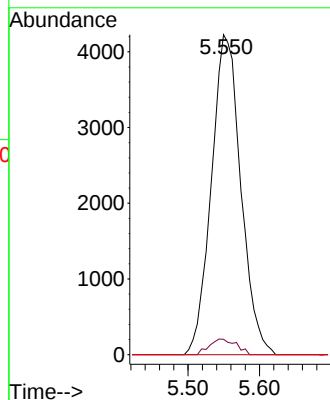


#38
Carbon Tetrachloride
Concen: 5.208 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037019.D
Acq: 16 Aug 2023 15:48

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20230815

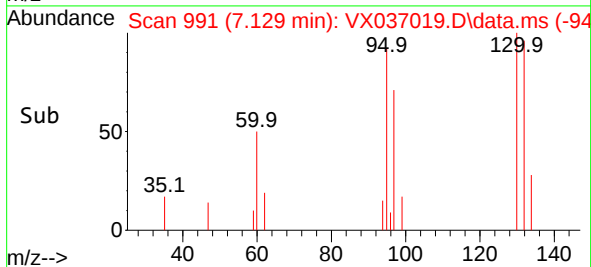
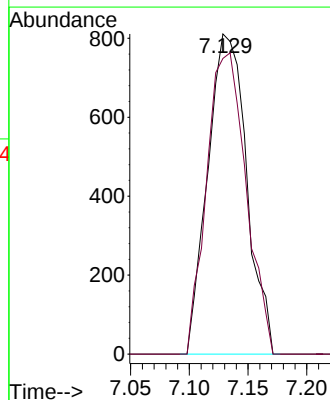
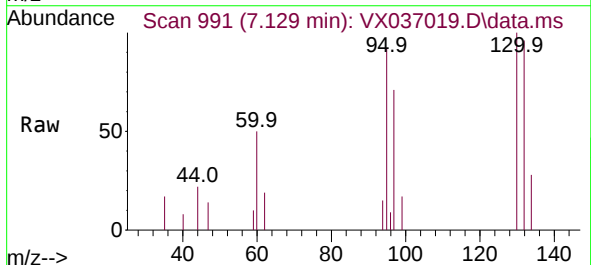


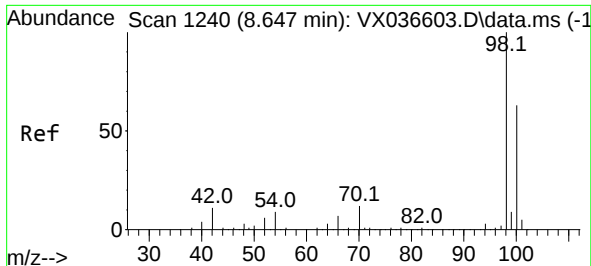
Tgt Ion:117 Resp: 12083
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.126 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037019.D
Acq: 16 Aug 2023 15:48

Tgt Ion:130 Resp: 1868
Ion Ratio Lower Upper
130 100
95 92.4 0.0 204.4

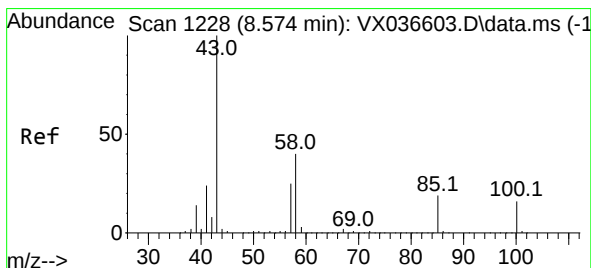
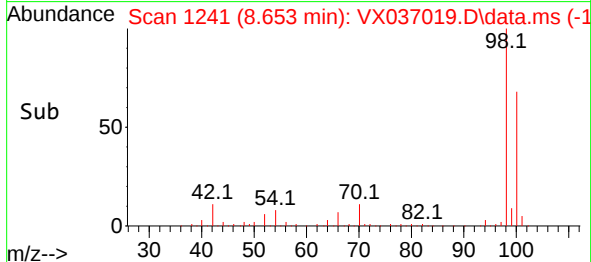
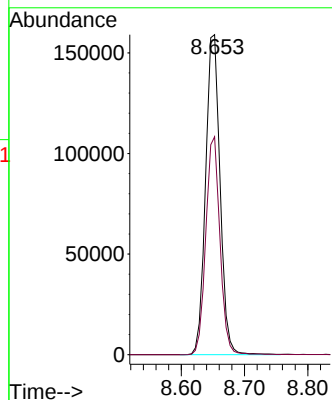
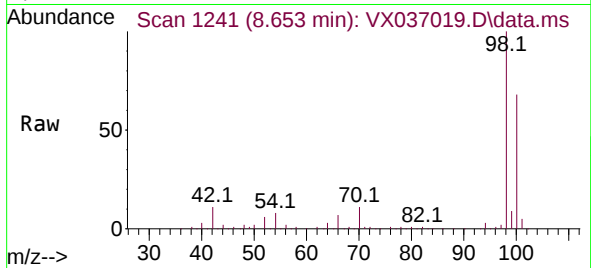




#50
Toluene-d8
Concen: 48.837 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037019.D
Acq: 16 Aug 2023 15:48

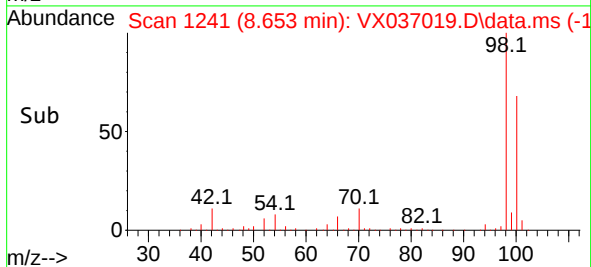
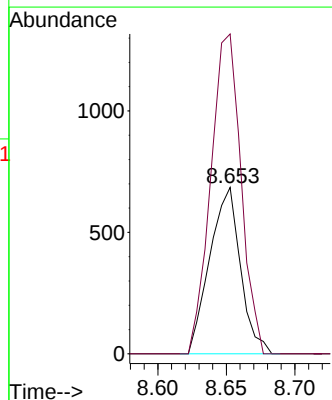
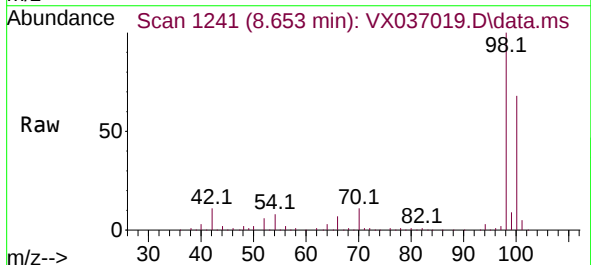
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ClientSampleId :
RE104D3-20230815

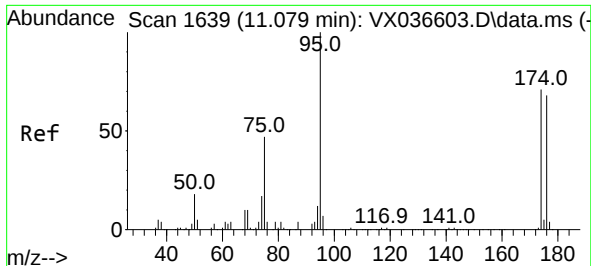
Tgt Ion: 98 Resp: 253557
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.453 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037019.D
Acq: 16 Aug 2023 15:48

Tgt Ion: 43 Resp: 1067
Ion Ratio Lower Upper
43 100
58 189.5 30.4 45.6#





#62

4-Bromofluorobenzene

Concen: 49.967 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX037019.D

Acq: 16 Aug 2023 15:48

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-20230815

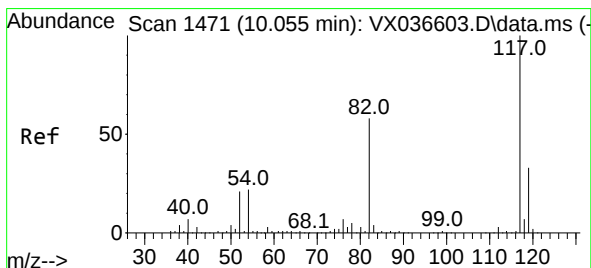
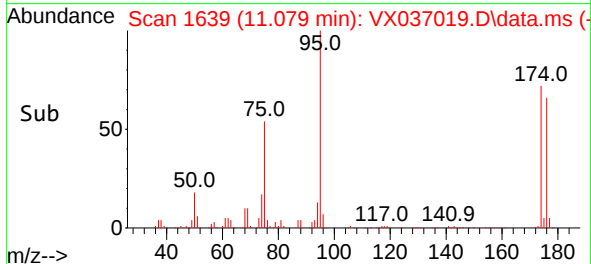
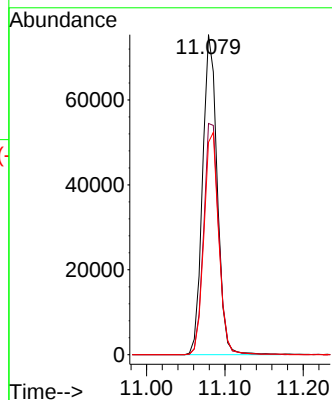
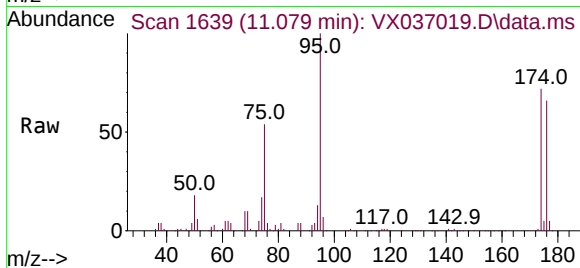
Tgt Ion: 95 Resp: 97877

Ion Ratio Lower Upper

95 100

174 74.3 0.0 135.6

176 70.6 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: VX037019.D

Acq: 16 Aug 2023 15:48

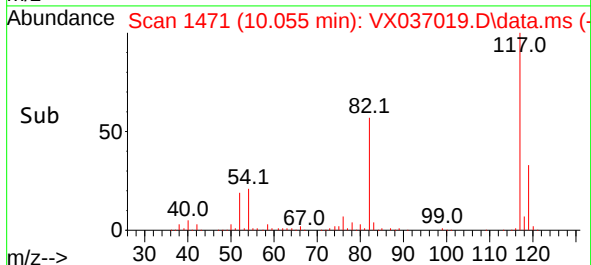
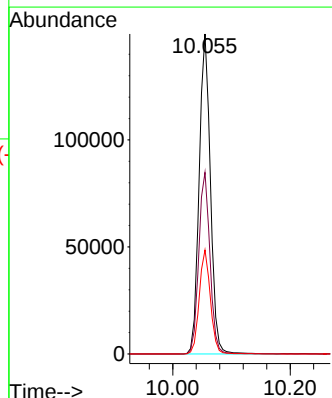
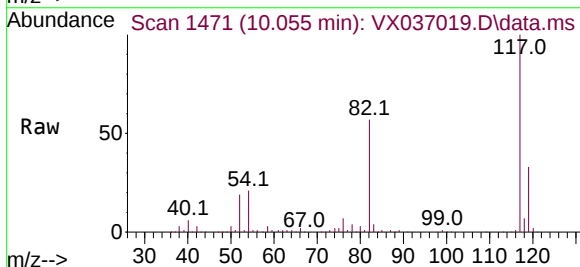
Tgt Ion: 117 Resp: 199037

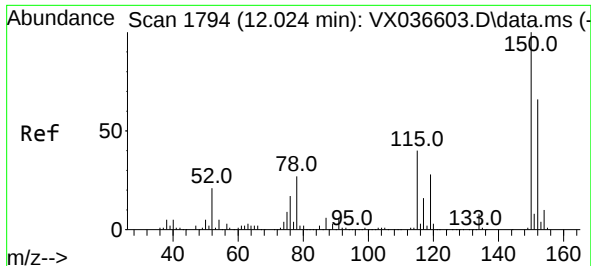
Ion Ratio Lower Upper

117 100

82 56.8 46.2 69.4

119 32.5 25.5 38.3

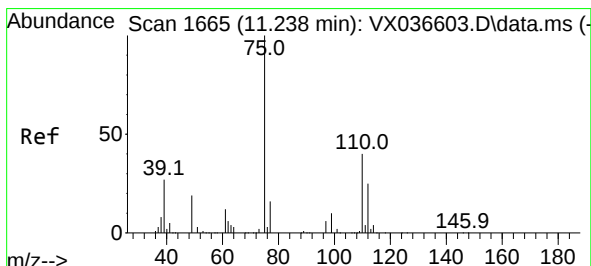
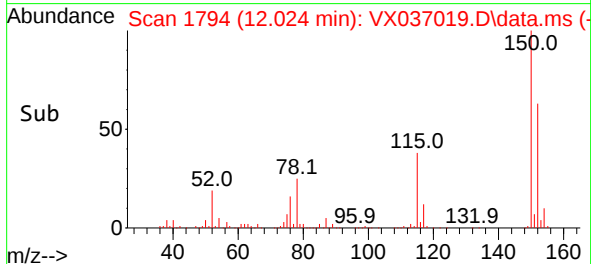
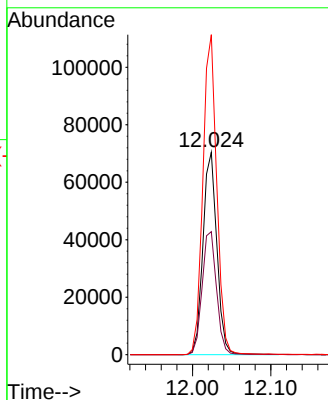
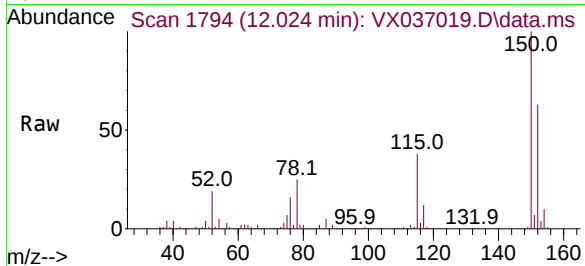




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037019.D
 Acq: 16 Aug 2023 15:48

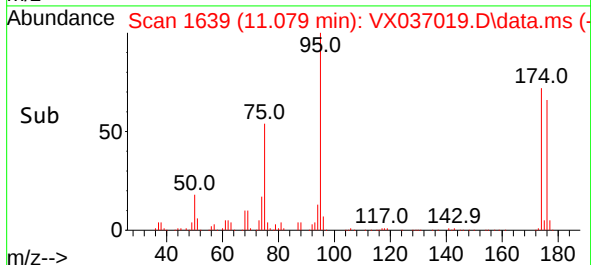
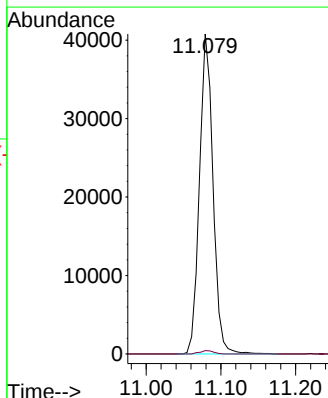
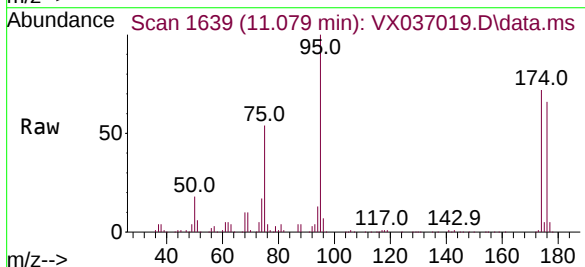
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20230815

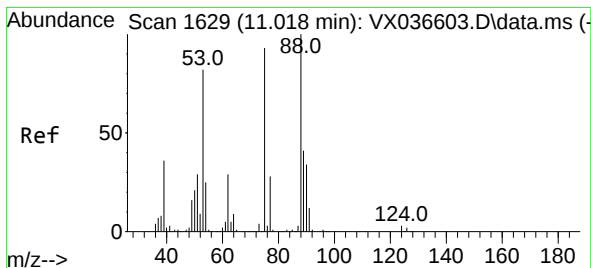
Tgt Ion:152 Resp: 86844
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.3 129.9
 150 157.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.115 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037019.D
 Acq: 16 Aug 2023 15:48

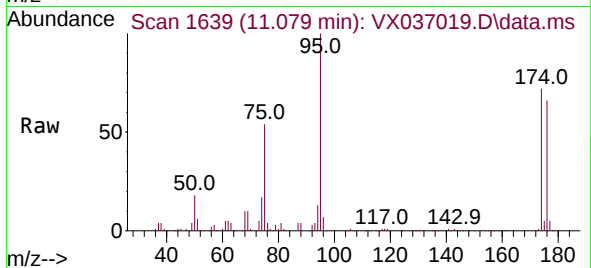
Tgt Ion: 75 Resp: 51301
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.924 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037019.D
 Acq: 16 Aug 2023 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20230815



Tgt Ion: 75 Resp: 51301
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

