

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035511.D
 Acq On : 03 May 2023 15:47
 Operator : JC/MD
 Sample : 02567-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2023-29-04

Quant Time: May 04 03:58:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

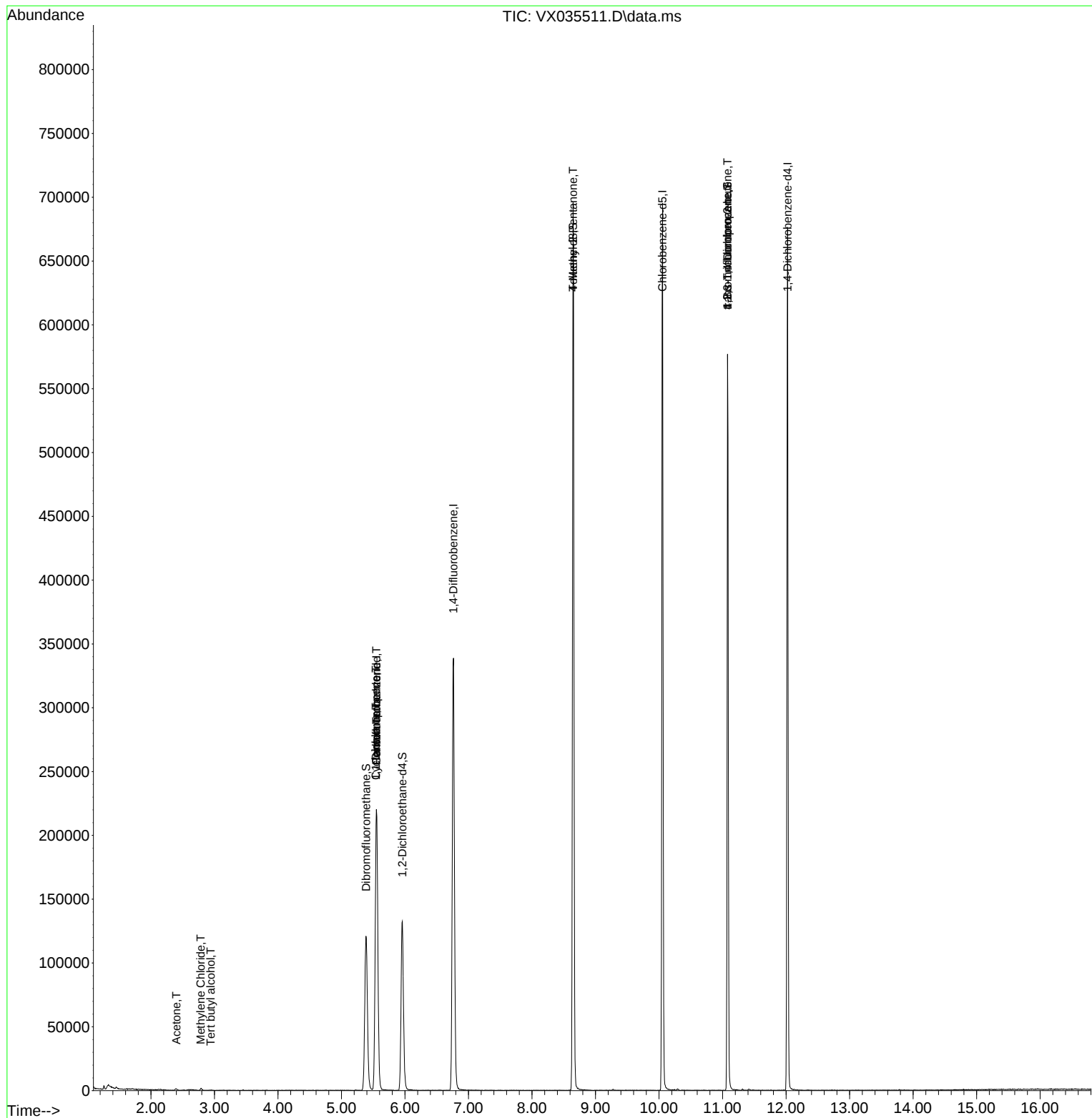
Internal Standards						
1) Pentafluorobenzene	5.550	168	222008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	358787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	148369	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129198	48.237	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.480%
35) Dibromofluoromethane	5.385	113	107395	48.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	8.647	98	415460	50.012	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.020%
62) 4-Bromofluorobenzene	11.079	95	156609	50.115	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.941	59	142	0.291	ug/l #	73
16) Acetone	2.398	43	1536	1.320	ug/l #	85
20) Methylene Chloride	2.782	84	600	0.225	ug/l #	74
31) Cyclohexane	5.544	56	3867	1.018	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	15312	4.453	ug/l #	47
38) Carbon Tetrachloride	5.550	117	22780	6.979	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1621	0.500	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	76059	25.699	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	76059	83.234	ug/l #	8

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

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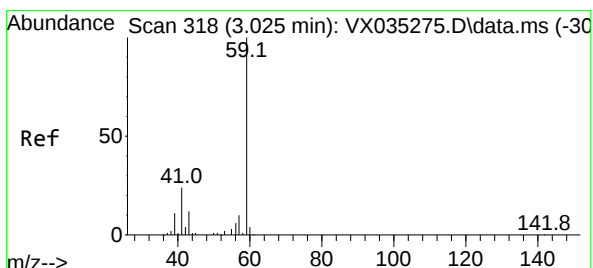
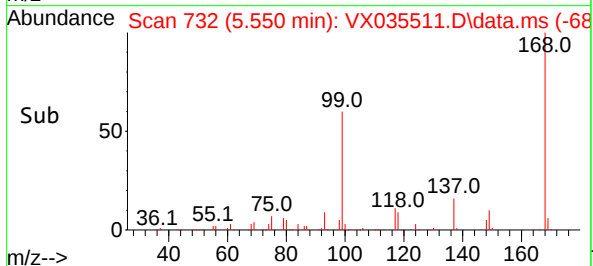
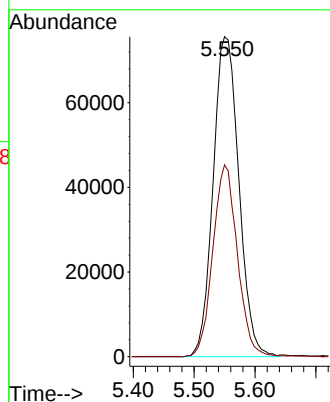
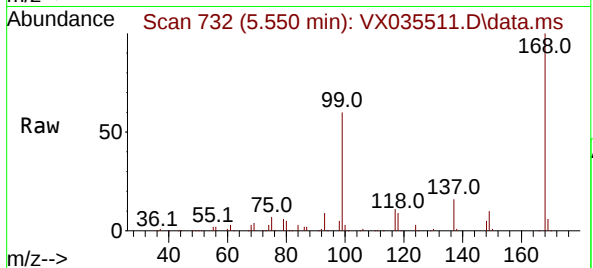




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035511.D
Acq: 03 May 2023 15:47

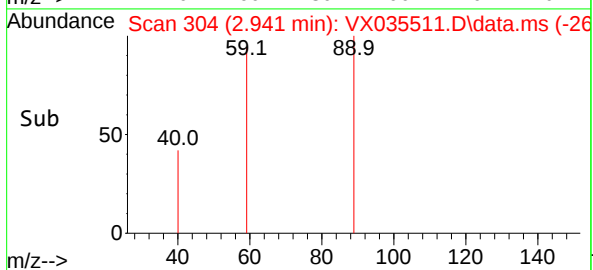
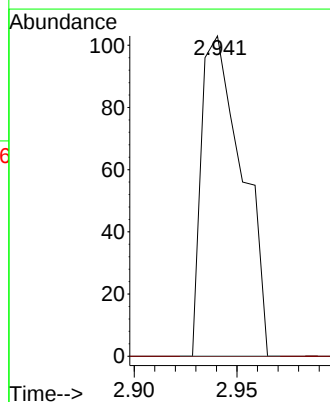
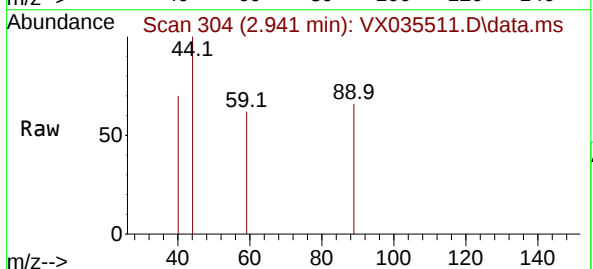
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-29-04

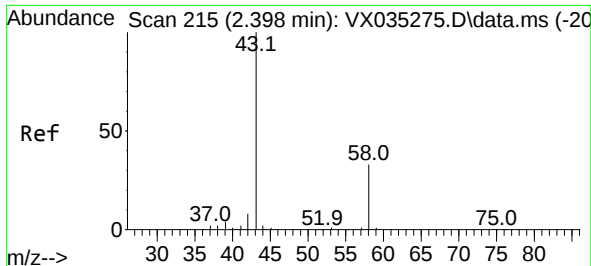
Tgt Ion:168 Resp: 222008
Ion Ratio Lower Upper
168 100
99 59.9 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.291 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.084 min
Lab File: VX035511.D
Acq: 03 May 2023 15:47

Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 1.320 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.000 min

Lab File: VX035511.D

Acq: 03 May 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

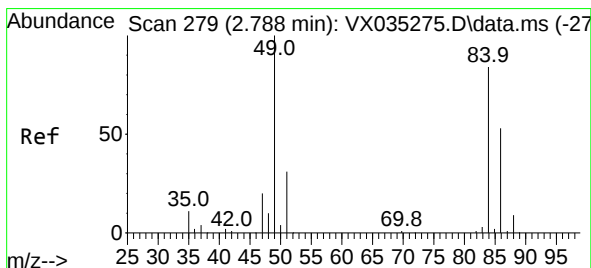
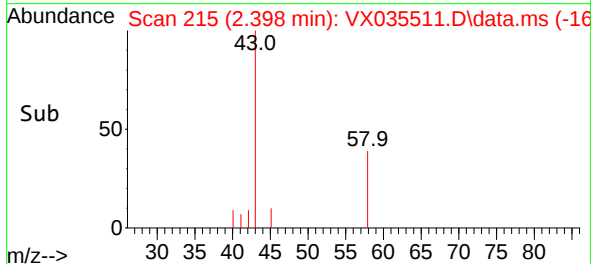
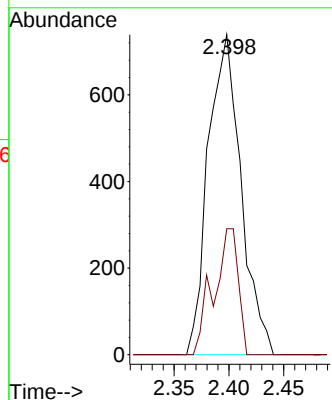
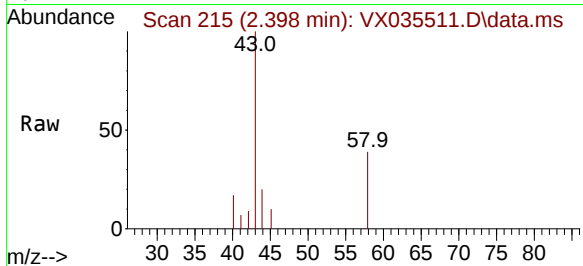
TB-2023-29-04

Tgt Ion: 43 Resp: 1536

Ion Ratio Lower Upper

43 100

58 39.4 24.7 37.1#



#20

Methylene Chloride

Concen: 0.225 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX035511.D

Acq: 03 May 2023 15:47

Tgt Ion: 84 Resp: 600

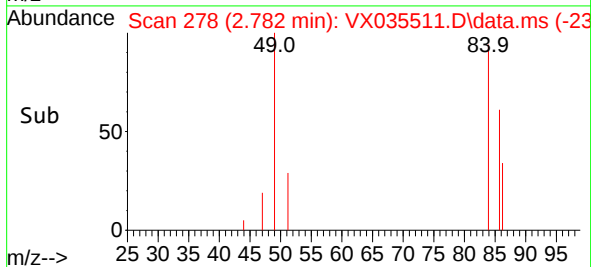
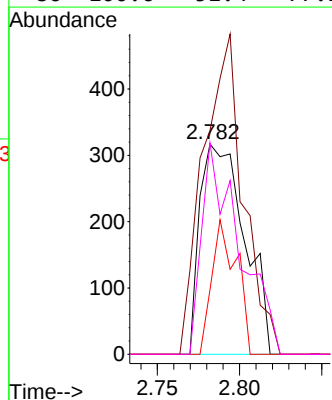
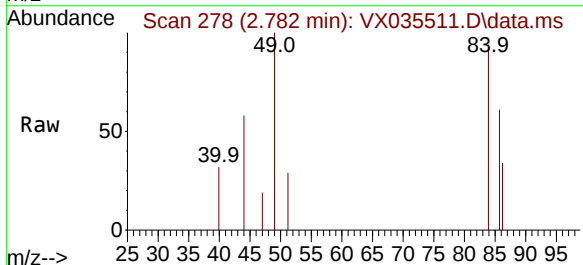
Ion Ratio Lower Upper

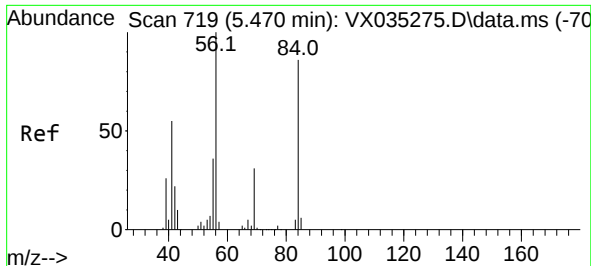
84 100

49 106.3 103.8 155.8

51 30.6 31.8 47.8#

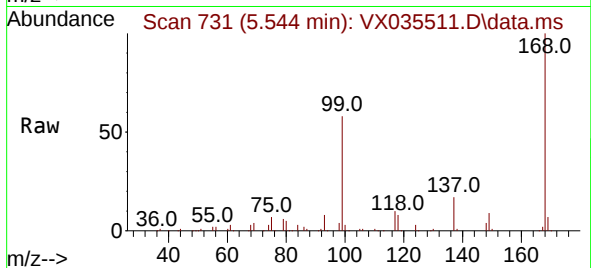
86 100.6 51.4 77.2#



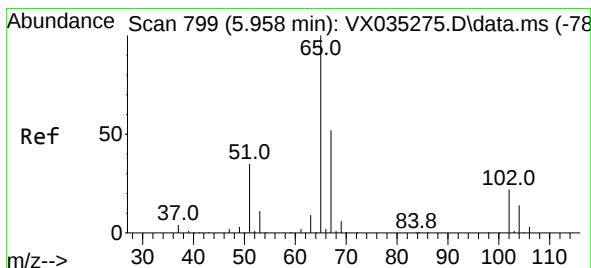
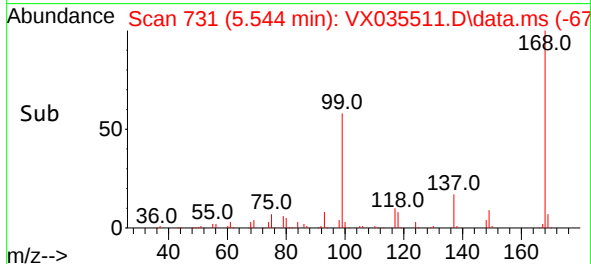
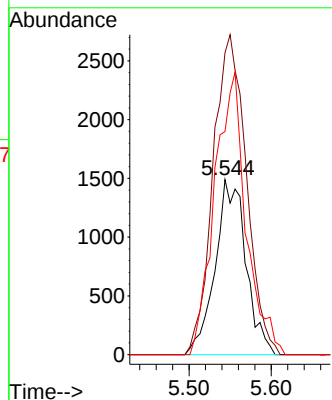


#31
Cyclohexane
Concen: 1.018 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035511.D
Acq: 03 May 2023 15:47

Instrument :
MSVOA_X
ClientSampleId :
TB-2023-29-04

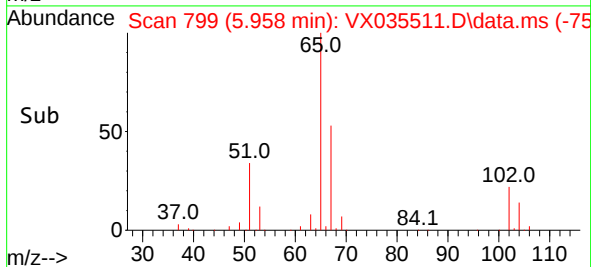
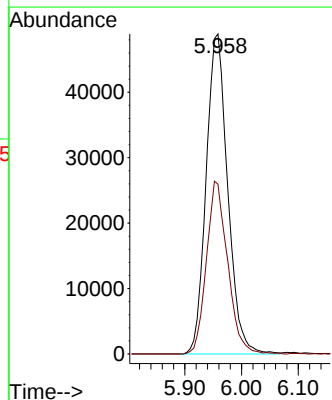
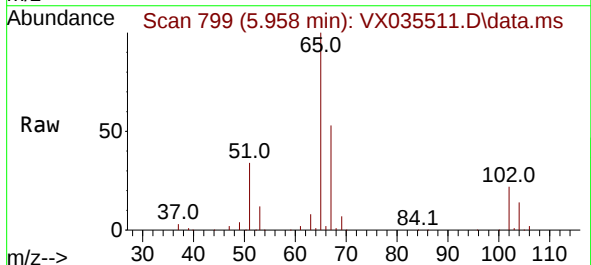


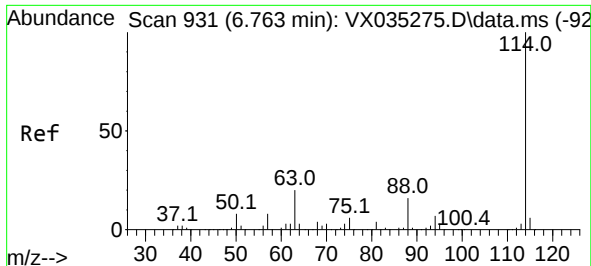
Tgt Ion: 56 Resp: 3867
Ion Ratio Lower Upper
56 100
69 172.5 23.7 35.5#
84 127.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 48.237 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX035511.D
Acq: 03 May 2023 15:47

Tgt Ion: 65 Resp: 129198
Ion Ratio Lower Upper
65 100
67 53.1 0.0 104.0

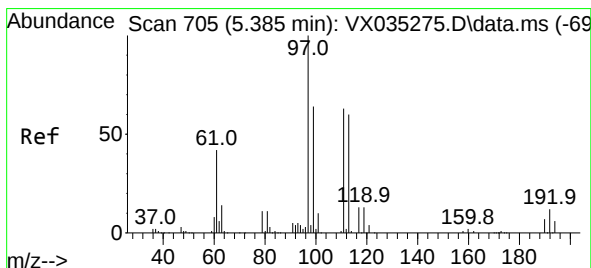
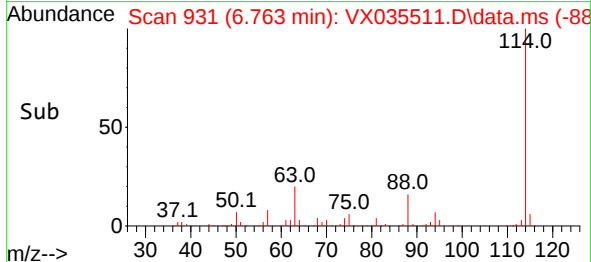
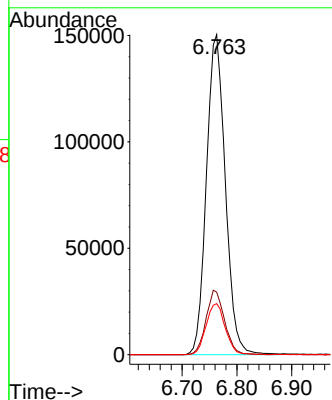
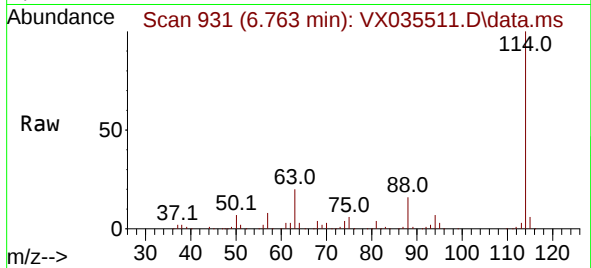




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035511.D
Acq: 03 May 2023 15:47

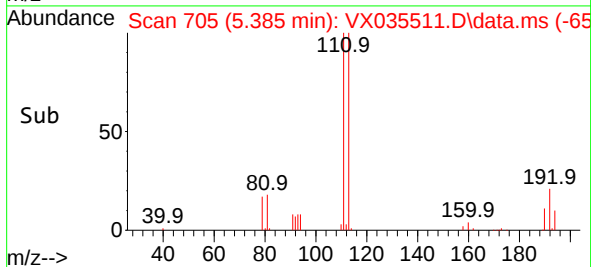
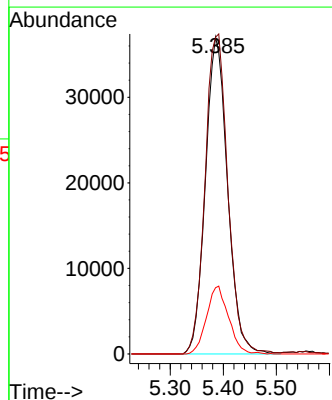
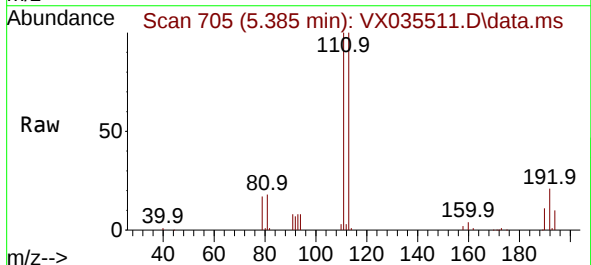
Instrument :
MSVOA_X
ClientSampleId :
TB-2023-29-04

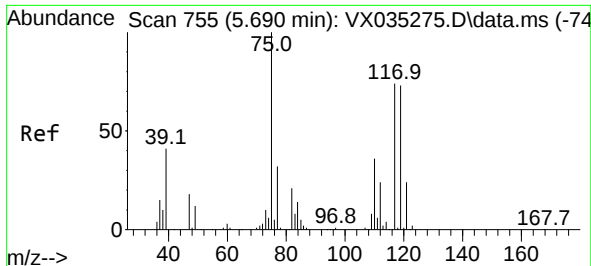
Tgt Ion:114 Resp: 358787
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.2
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.769 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035511.D
Acq: 03 May 2023 15:47

Tgt Ion:113 Resp: 107395
Ion Ratio Lower Upper
113 100
111 103.9 83.7 125.5
192 21.3 15.4 23.2

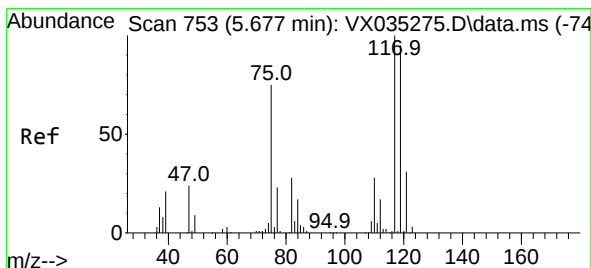
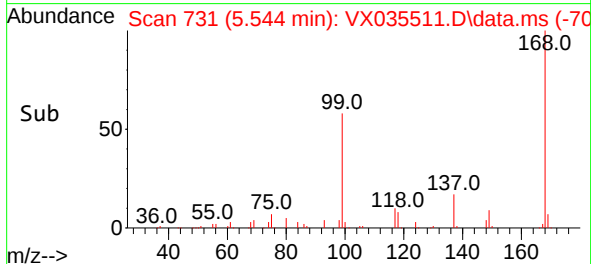
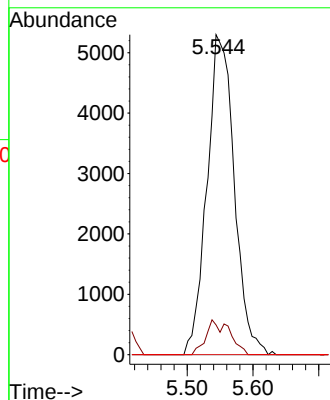
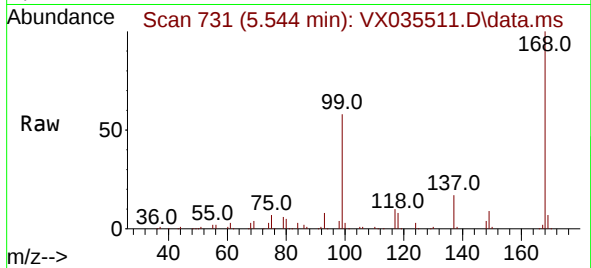




#36
 1,1-Dichloropropene
 Concen: 4.453 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX035511.D
 Acq: 03 May 2023 15:47

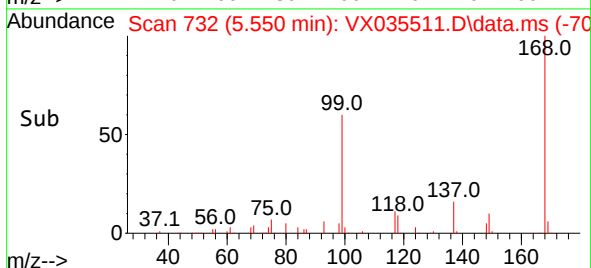
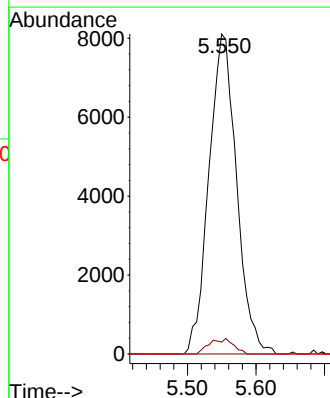
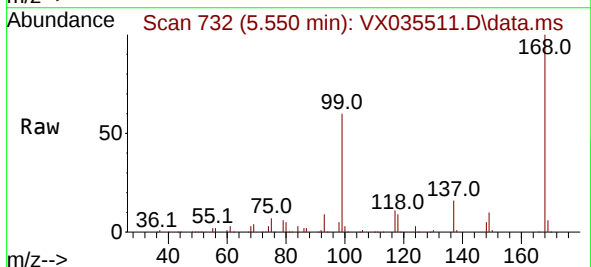
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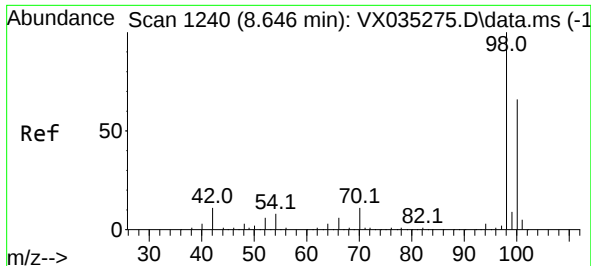
Tgt Ion: 75 Resp: 15312
 Ion Ratio Lower Upper
 75 100
 110 5.4 17.5 52.5#
 77 0.0 24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.979 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.127 min
 Lab File: VX035511.D
 Acq: 03 May 2023 15:47

Tgt Ion: 117 Resp: 22780
 Ion Ratio Lower Upper
 117 100
 119 3.7 76.6 114.8#
 121 0.0 23.8 35.6#

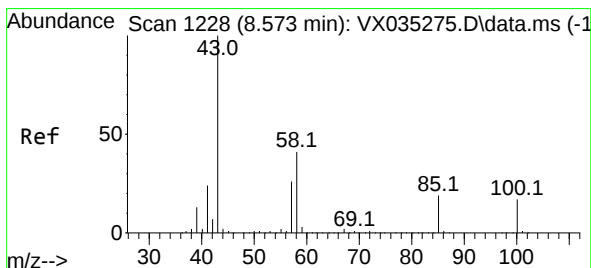
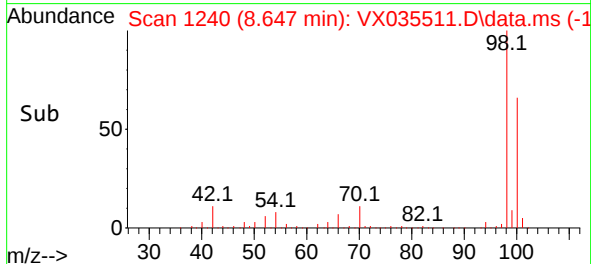
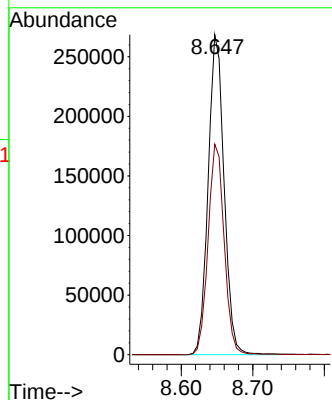
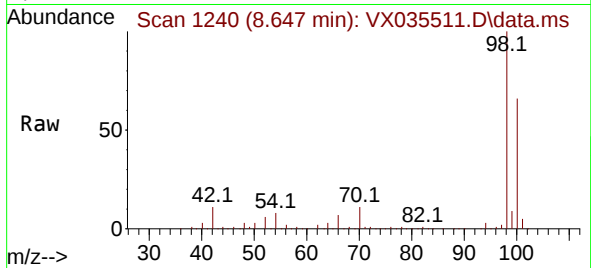




#50
Toluene-d8
Concen: 50.012 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035511.D
Acq: 03 May 2023 15:47

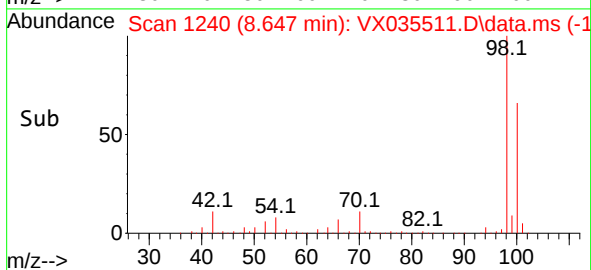
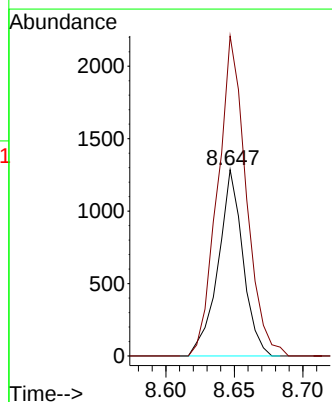
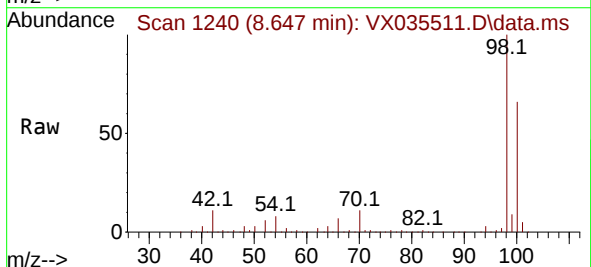
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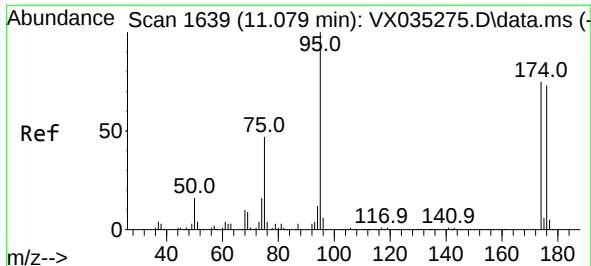
Tgt Ion: 98 Resp: 415460
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035511.D
Acq: 03 May 2023 15:47

Tgt Ion: 43 Resp: 1621
Ion Ratio Lower Upper
43 100
58 196.9 30.6 46.0#





#62

4-Bromofluorobenzene

Concen: 50.115 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035511.D

Acq: 03 May 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

TB-2023-29-04

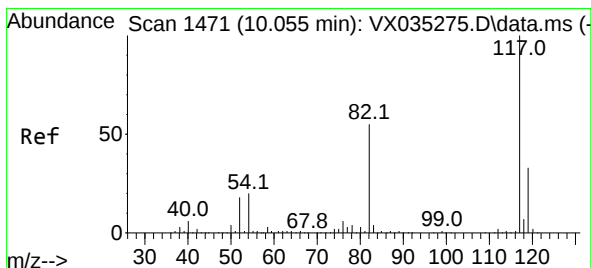
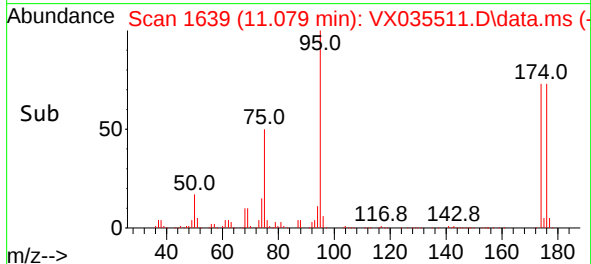
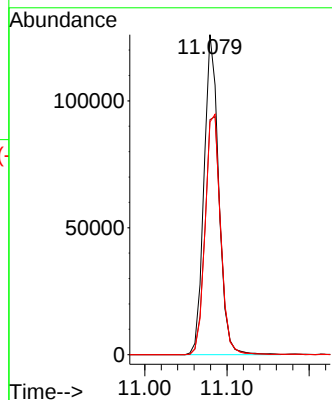
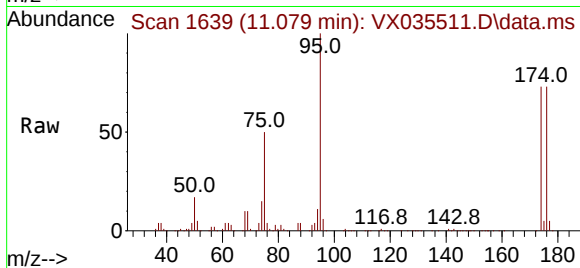
Tgt Ion: 95 Resp: 156609

Ion Ratio Lower Upper

95 100

174 79.2 0.0 147.4

176 78.4 0.0 140.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035511.D

Acq: 03 May 2023 15:47

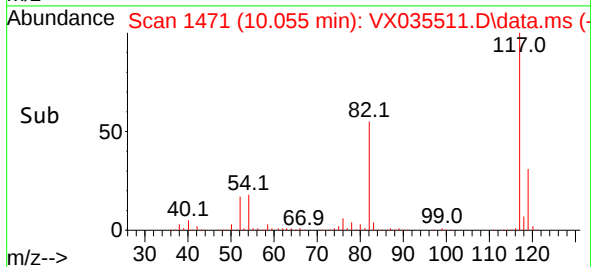
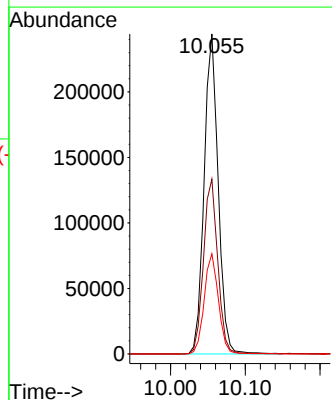
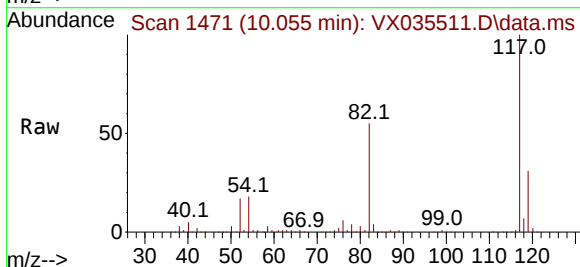
Tgt Ion: 117 Resp: 319332

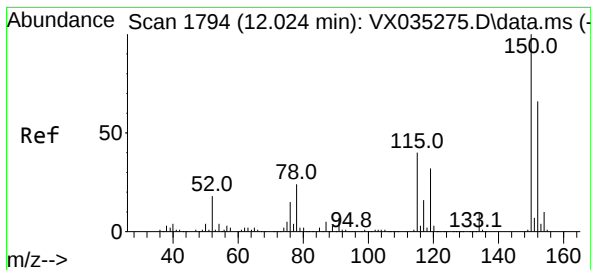
Ion Ratio Lower Upper

117 100

82 54.7 45.0 67.4

119 31.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035511.D

Acq: 03 May 2023 15:47

Instrument :

MSVOA_X

ClientSampleId :

TB-2023-29-04

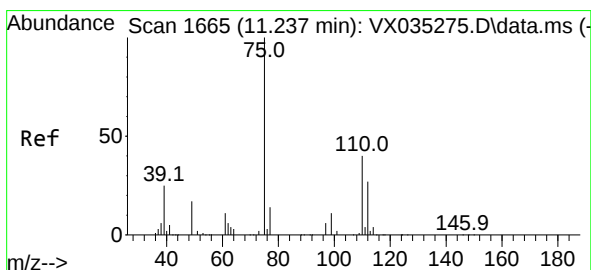
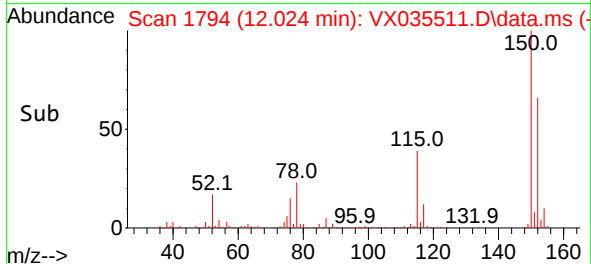
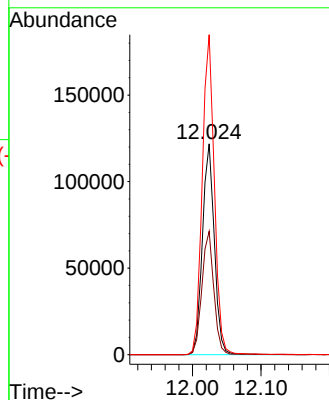
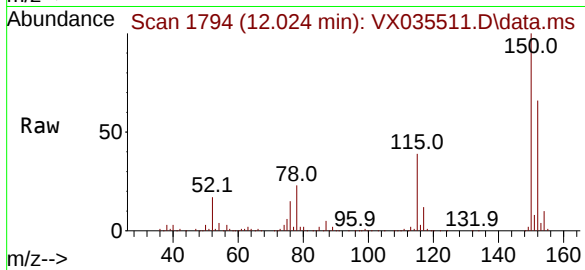
Tgt Ion:152 Resp: 148369

Ion Ratio Lower Upper

152 100

115 58.5 45.0 135.0

150 153.2 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 25.699 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035511.D

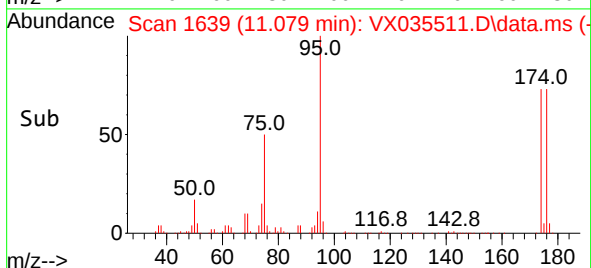
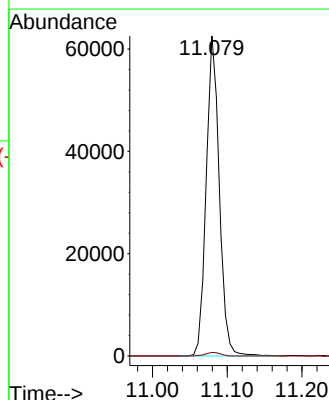
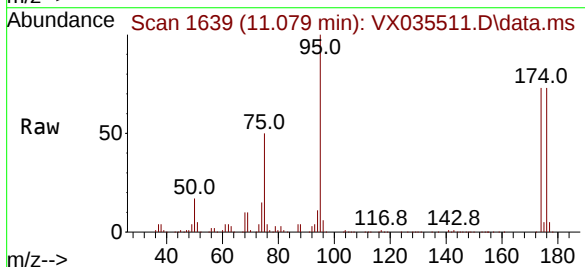
Acq: 03 May 2023 15:47

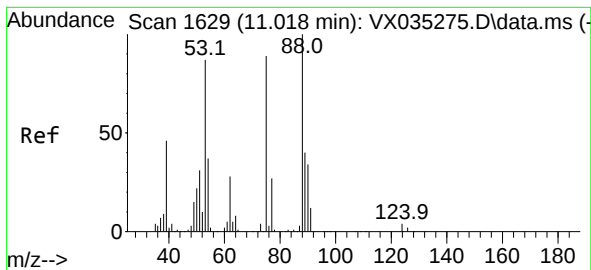
Tgt Ion: 75 Resp: 76059

Ion Ratio Lower Upper

75 100

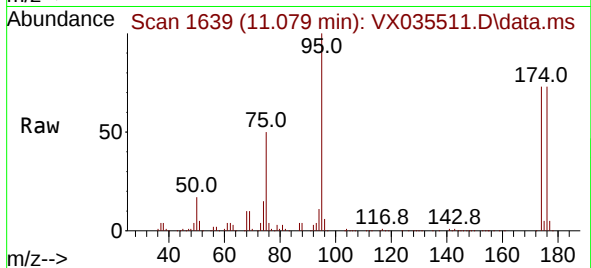
77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.234 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035511.D
 Acq: 03 May 2023 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2023-29-04



Tgt Ion: 75 Resp: 76059
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

