

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035615.D
 Acq On : 11 May 2023 18:13
 Operator : JC/MD
 Sample : 02719-14RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01_20230509

Quant Time: May 12 03:53:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

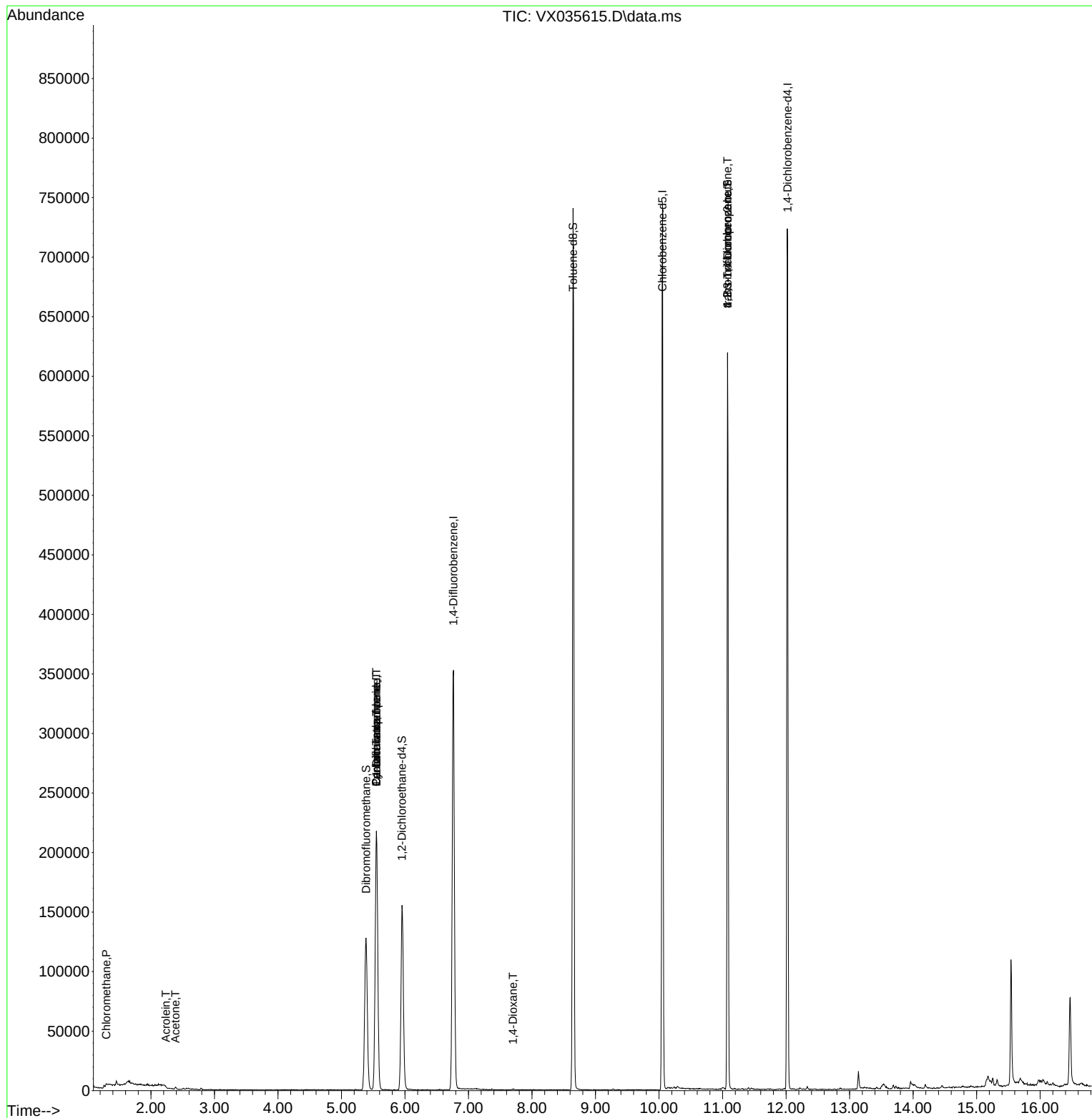
Internal Standards						
1) Pentafluorobenzene	5.550	168	184284	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	337251	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153595	47.776	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.560%
35) Dibromofluoromethane	5.385	113	111633	49.082	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.160%
50) Toluene-d8	8.647	98	409169	48.698	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.079	95	168732	49.875	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.740%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1041	0.357	ug/l	91
13) Acrolein	2.233	56	461	0.685	ug/l	85
16) Acetone	2.386	43	2494	1.805	ug/l	93
31) Cyclohexane	5.550	56	5010	1.233	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	17125	4.770	ug/l #	51
38) Carbon Tetrachloride	5.550	117	22203	6.529	ug/l #	16
49) 1,4-Dioxane	7.702	88	412	7.763	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	91838	27.190	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	91838	87.630	ug/l #	8

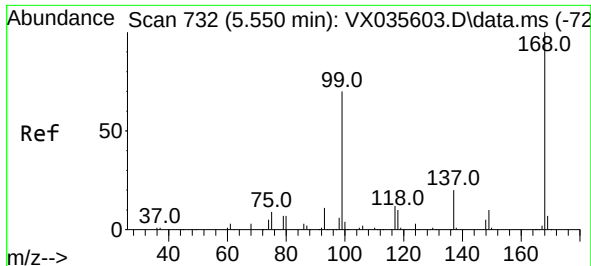
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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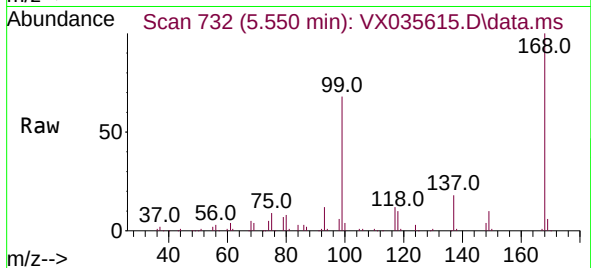
Quant Time: May 12 03:53:18 2023
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Quant Title : SW846 8260
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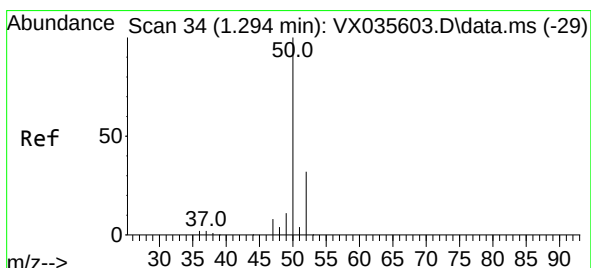
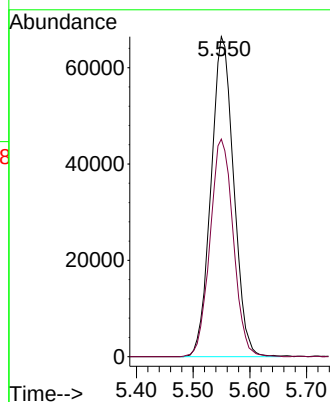
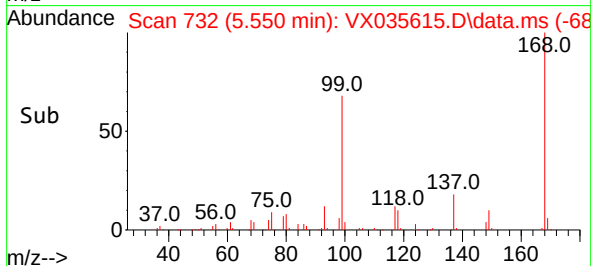


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035615.D
Acq: 11 May 2023 18:13

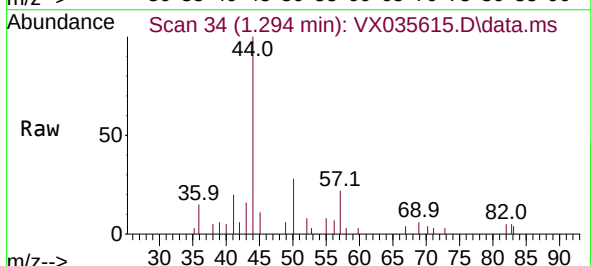
Instrument :
MSVOA_X
ClientSampleId :
TB-01_20230509



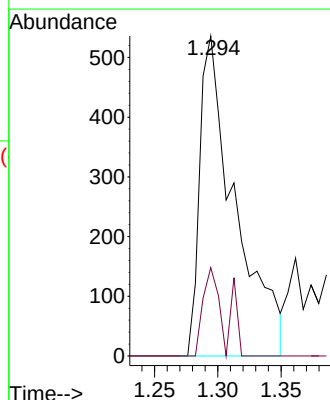
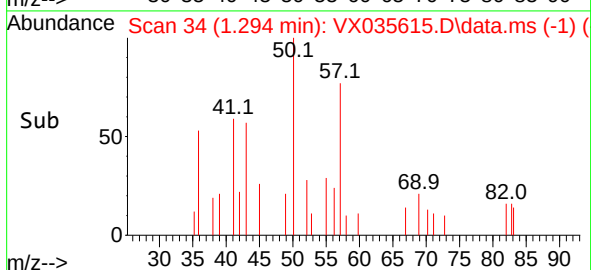
Tgt Ion:168 Resp: 184284
Ion Ratio Lower Upper
168 100
99 68.0 45.7 68.5

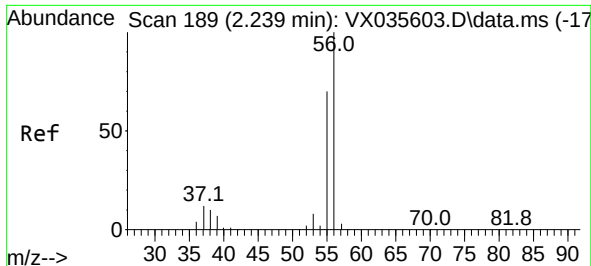


#3
Chloromethane
Concen: 0.357 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035615.D
Acq: 11 May 2023 18:13



Tgt Ion: 50 Resp: 1041
Ion Ratio Lower Upper
50 100
52 27.6 25.9 38.9

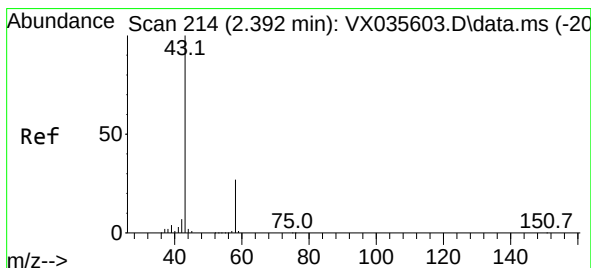
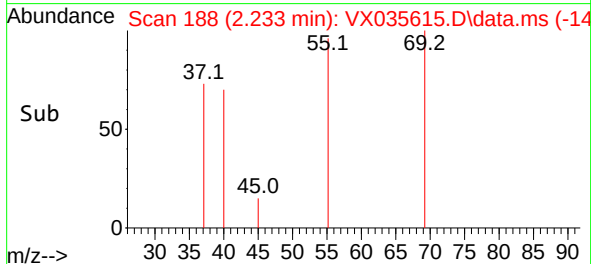
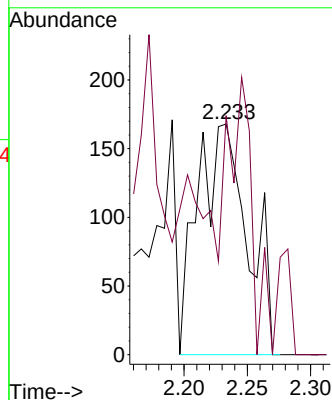
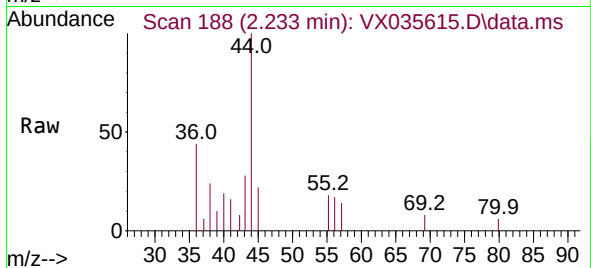




#13
Acrolein
Concen: 0.685 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX035615.D
Acq: 11 May 2023 18:13

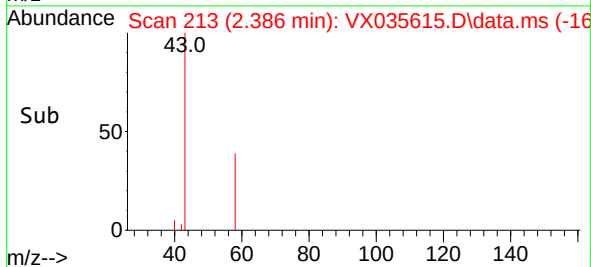
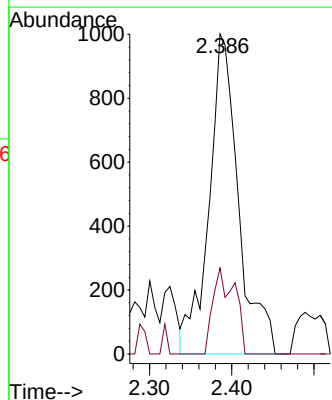
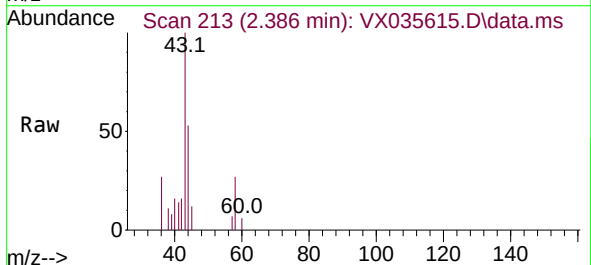
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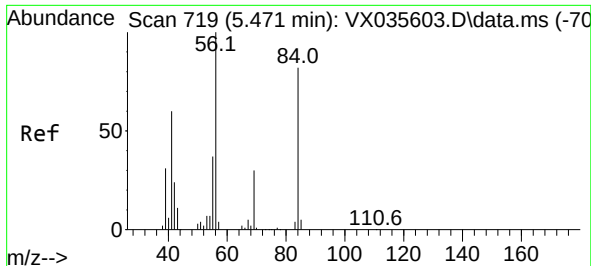
Tgt Ion: 56 Resp: 461
Ion Ratio Lower Upper
56 100
55 58.8 56.6 85.0



#16
Acetone
Concen: 1.805 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035615.D
Acq: 11 May 2023 18:13

Tgt Ion: 43 Resp: 2494
Ion Ratio Lower Upper
43 100
58 26.9 24.7 37.1

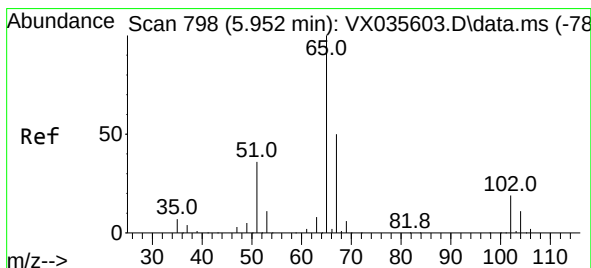
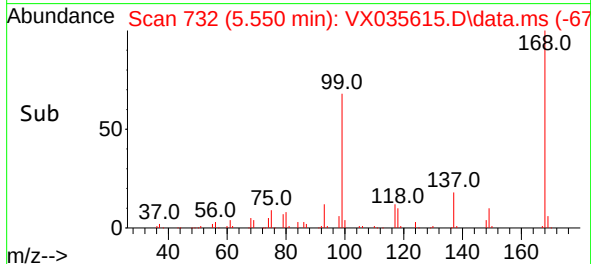
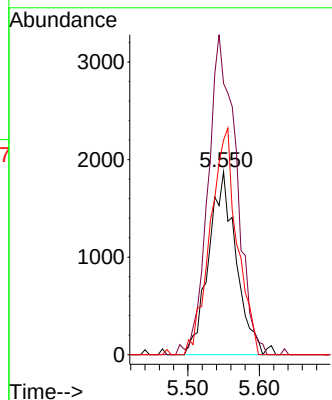
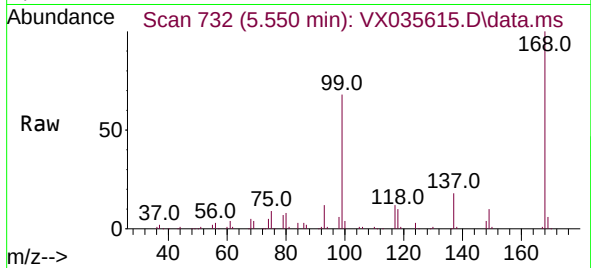




#31
Cyclohexane
Concen: 1.233 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035615.D
Acq: 11 May 2023 18:13

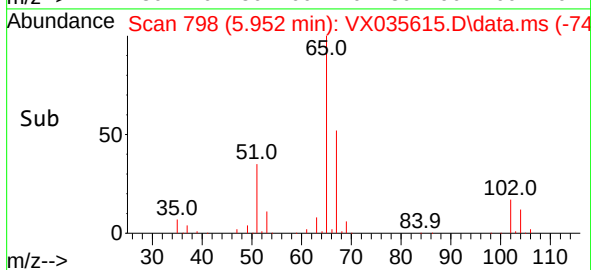
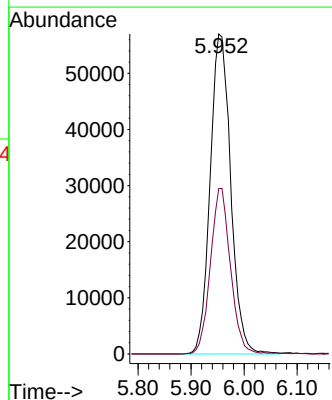
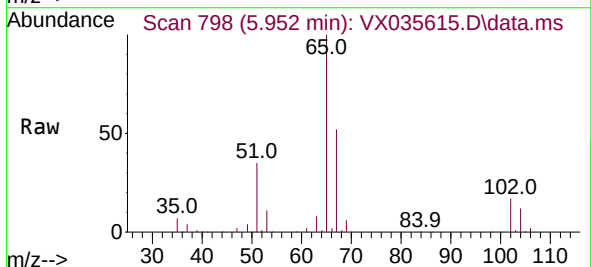
Instrument :
MSVOA_X
ClientSampleId :
TB-01_20230509

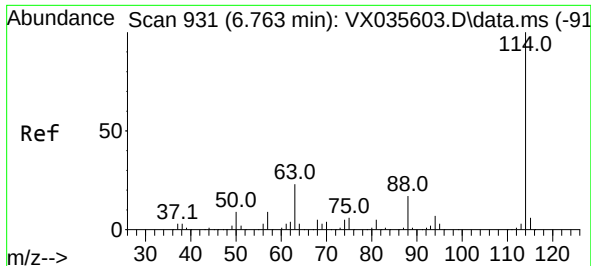
Tgt Ion: 56 Resp: 5010
Ion Ratio Lower Upper
56 100
69 148.2 23.7 35.5#
84 117.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.776 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035615.D
Acq: 11 May 2023 18:13

Tgt Ion: 65 Resp: 153595
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0

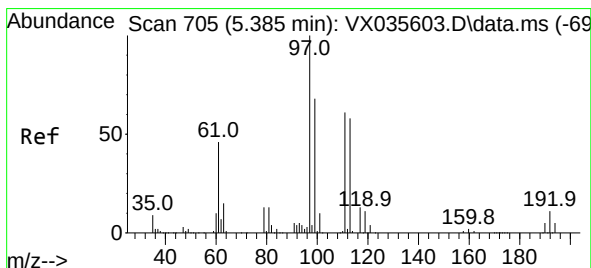
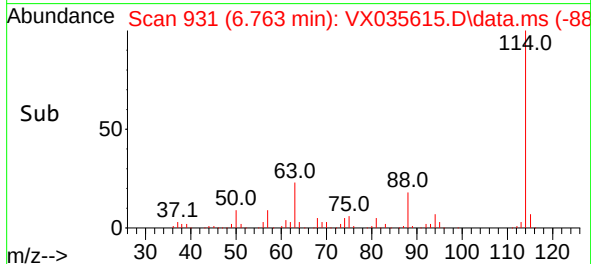
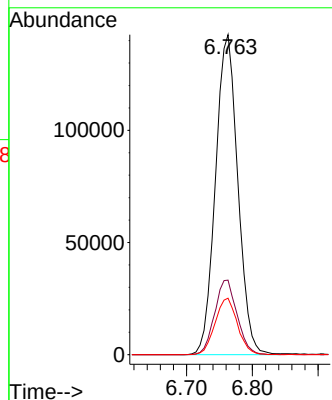
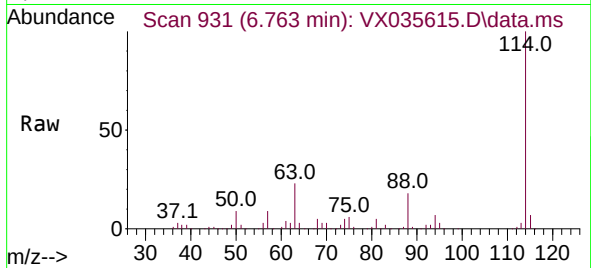




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035615.D
Acq: 11 May 2023 18:13

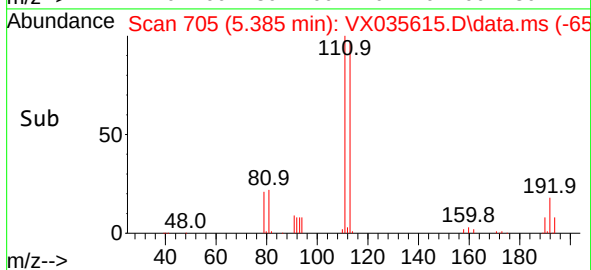
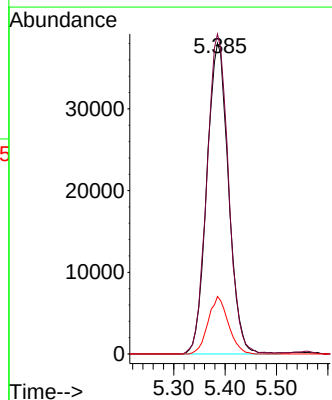
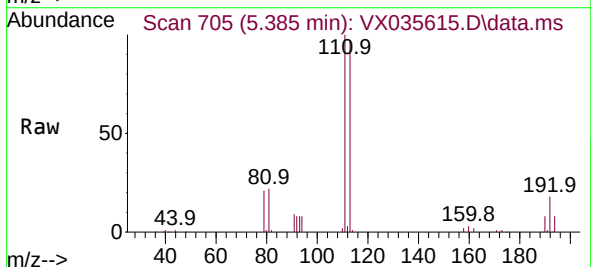
Instrument :
MSVOA_X
ClientSampleId :
TB-01_20230509

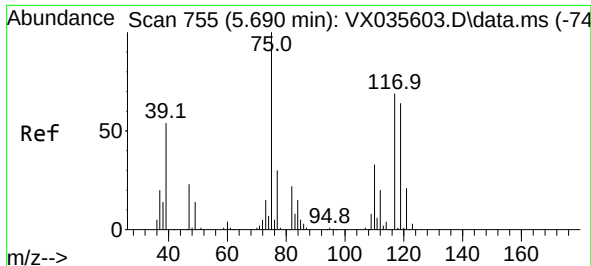
Tgt Ion:114 Resp: 337251
Ion Ratio Lower Upper
114 100
63 23.3 0.0 42.2
88 17.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.082 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035615.D
Acq: 11 May 2023 18:13

Tgt Ion:113 Resp: 111633
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 17.2 15.4 23.2

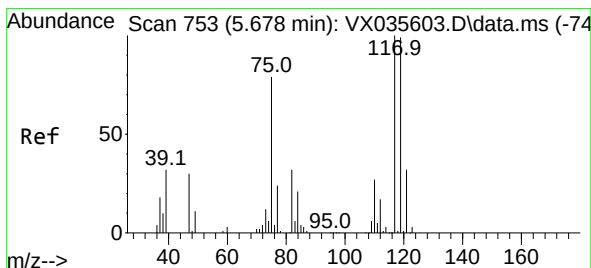
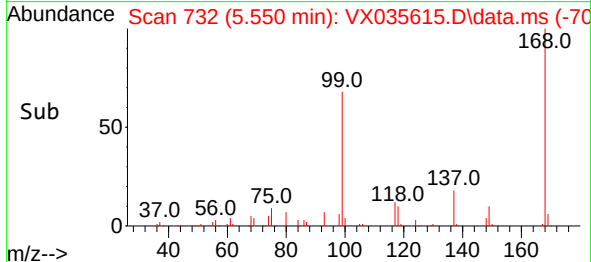
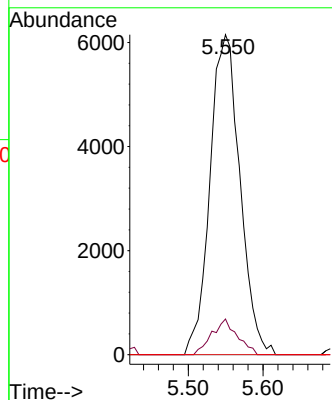
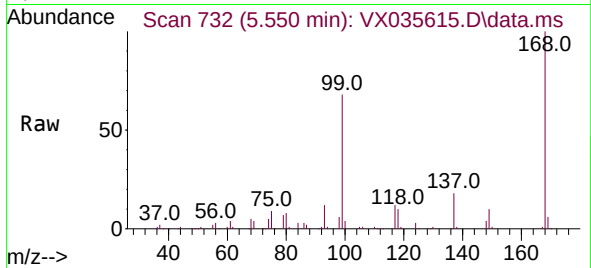




#36
1,1-Dichloropropene
Concen: 4.770 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035615.D
Acq: 11 May 2023 18:13

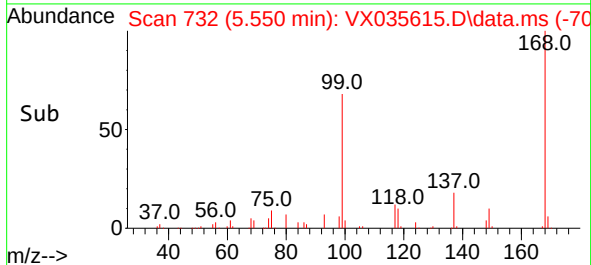
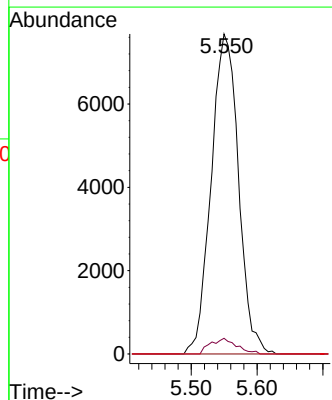
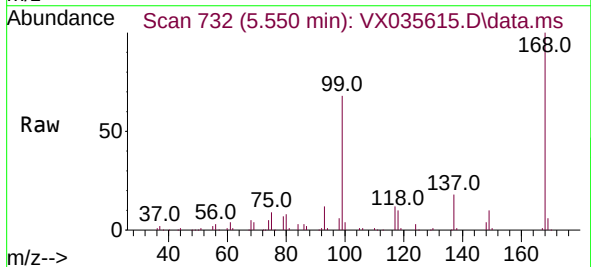
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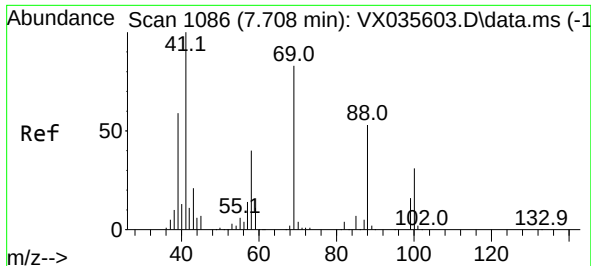
Tgt Ion: 75 Resp: 17125
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.529 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035615.D
Acq: 11 May 2023 18:13

Tgt Ion: 117 Resp: 22203
Ion Ratio Lower Upper
117 100
119 4.9 76.6 114.8#
121 0.0 23.8 35.6#





#49

1,4-Dioxane

Concen: 7.763 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.006 min

Lab File: VX035615.D

Acq: 11 May 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :

TB-01_20230509

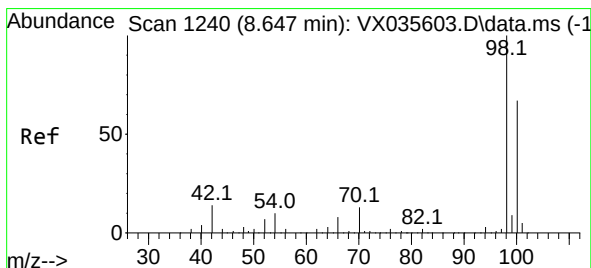
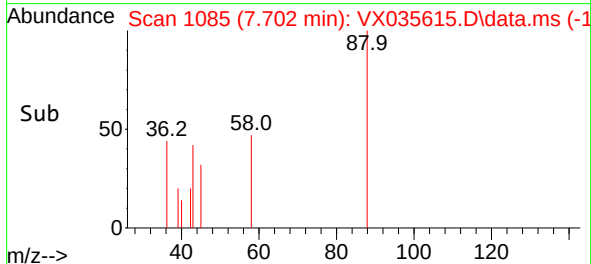
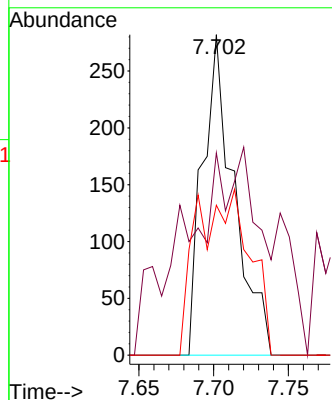
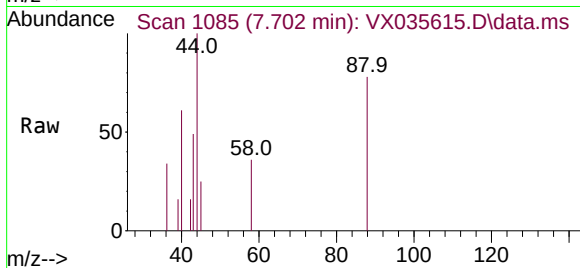
Tgt Ion: 88 Resp: 412

Ion Ratio Lower Upper

88 100

43 0.0 27.7 41.5#

58 29.1 56.8 85.2#



#50

Toluene-d8

Concen: 48.698 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035615.D

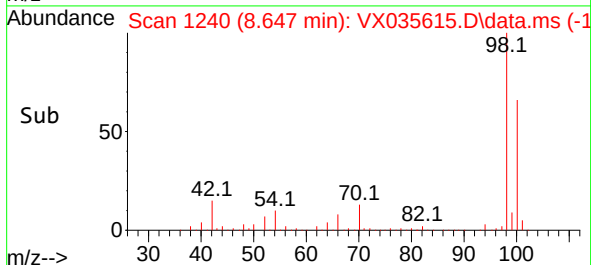
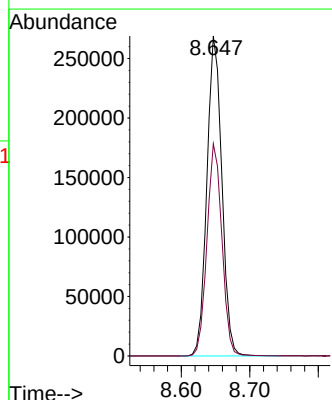
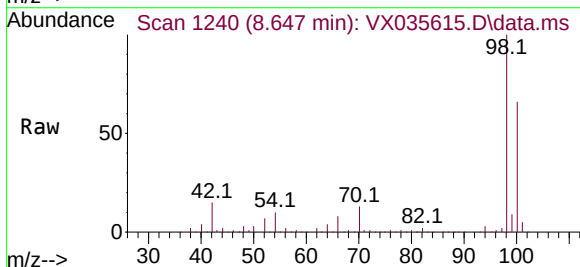
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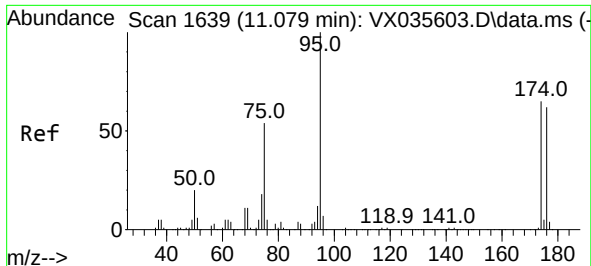
Tgt Ion: 98 Resp: 409169

Ion Ratio Lower Upper

98 100

100 66.3 52.5 78.7

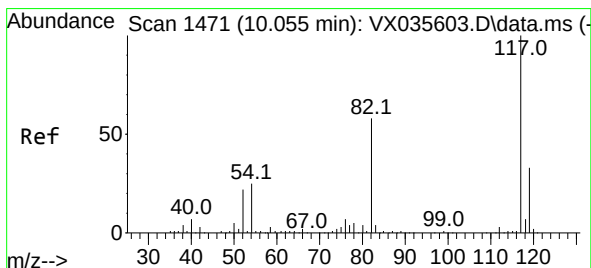
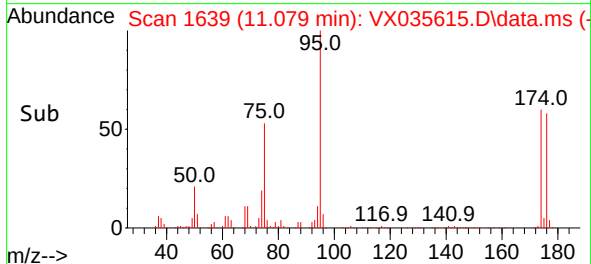
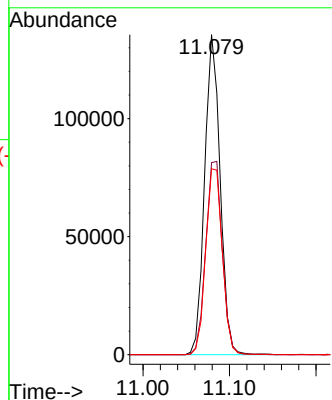
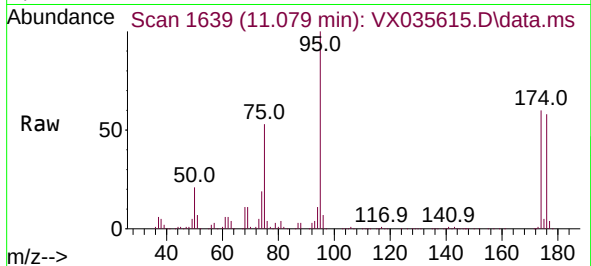




#62
4-Bromofluorobenzene
Concen: 49.875 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035615.D
Acq: 11 May 2023 18:13

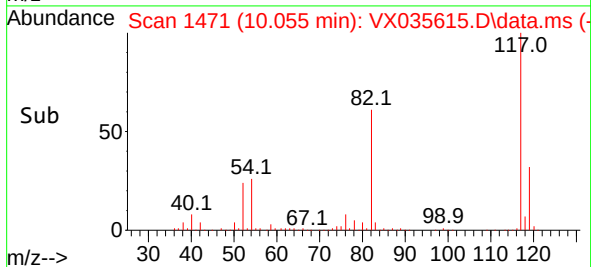
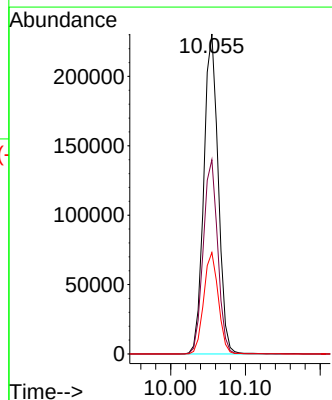
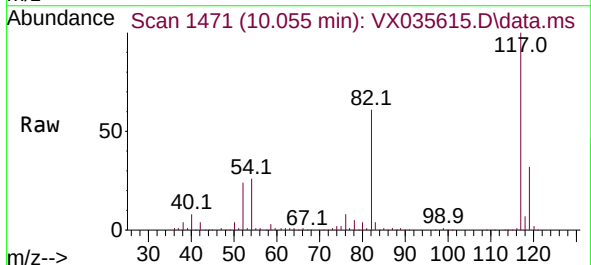
Instrument :
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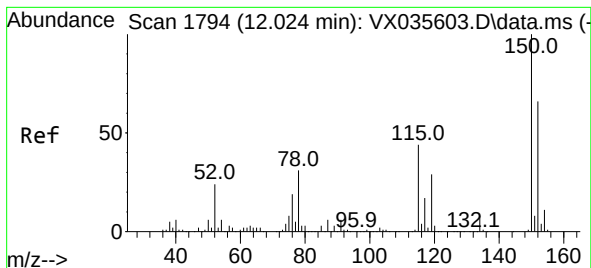
Tgt Ion: 95 Resp: 168732
Ion Ratio Lower Upper
95 100
174 64.7 0.0 147.4
176 62.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035615.D
Acq: 11 May 2023 18:13

Tgt Ion: 117 Resp: 308758
Ion Ratio Lower Upper
117 100
82 60.7 45.0 67.4
119 31.7 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: VX035615.D

Acq: 11 May 2023 18:13

Instrument :

MSVOA_X

ClientSampleId :

TB-01_20230509

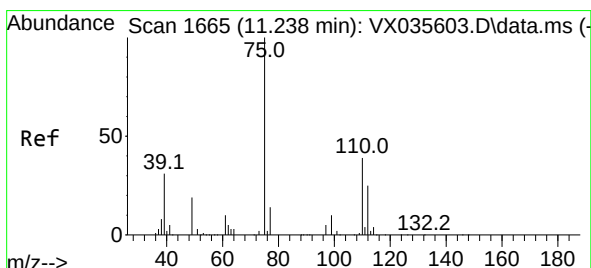
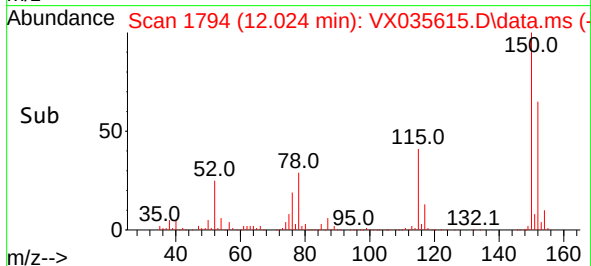
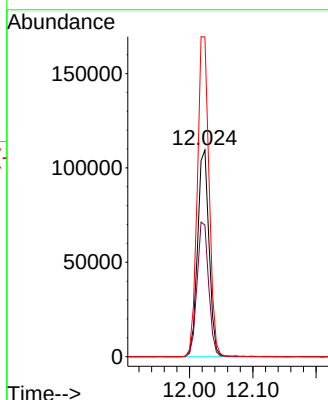
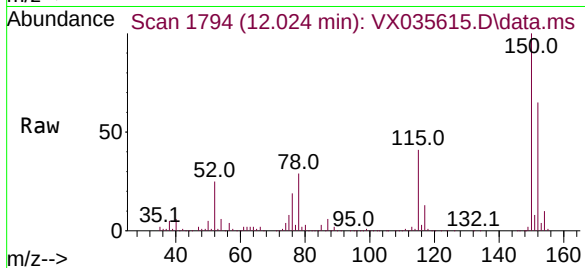
Tgt Ion:152 Resp: 138086

Ion Ratio Lower Upper

152 100

115 65.8 45.0 135.0

150 158.9 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 27.190 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035615.D

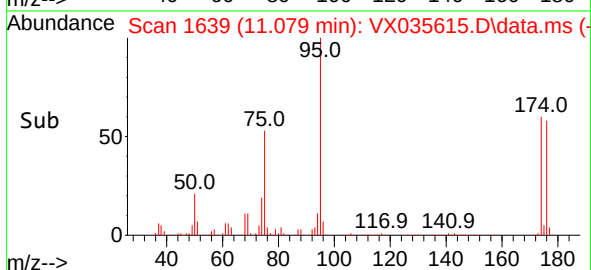
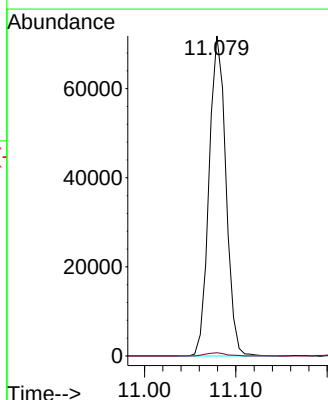
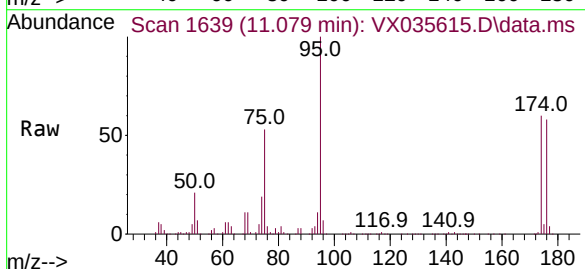
Acq: 11 May 2023 18:13

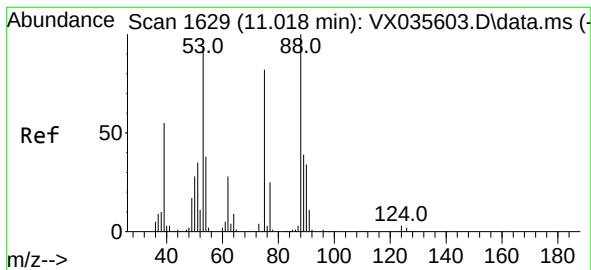
Tgt Ion: 75 Resp: 91838

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.630 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035615.D
 Acq: 11 May 2023 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01_20230509

Tgt Ion: 75 Resp: 91838
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

