

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035593.D
 Acq On : 10 May 2023 17:56
 Operator : JC/MD
 Sample : 02746-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-051023

Quant Time: May 11 04:29:22 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)

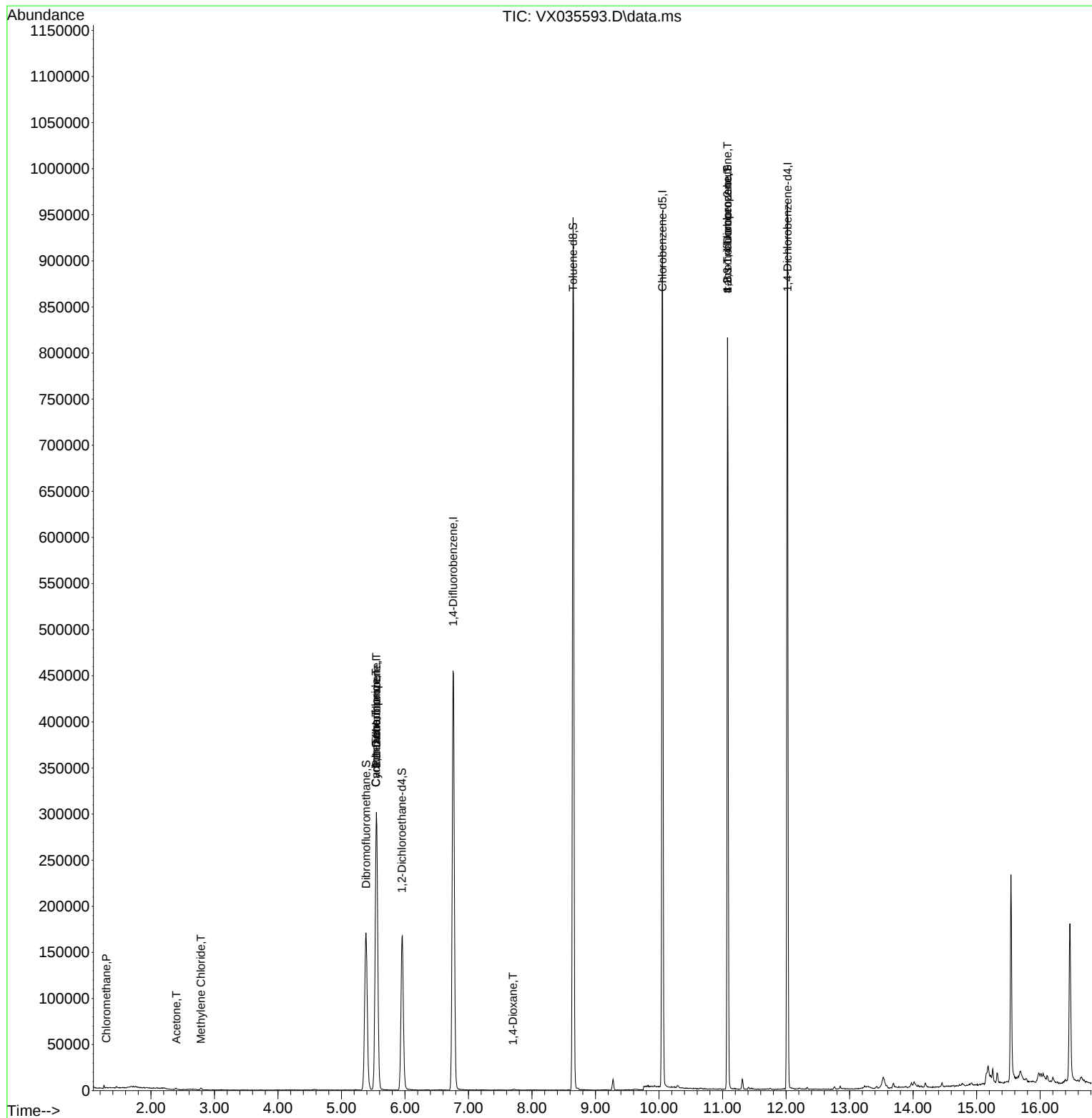
Internal Standards						
1) Pentafluorobenzene	5.550	168	309142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	499478	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	462856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	156904	42.070	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.140%
35) Dibromofluoromethane	5.385	113	154160	50.286	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	8.647	98	573047	49.552	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	223244	51.316	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.640%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1080	0.363	ug/l #	80
16) Acetone	2.398	43	2125	1.312	ug/l	95
20) Methylene Chloride	2.788	84	1169	0.315	ug/l #	61
31) Cyclohexane	5.543	56	4947	0.935	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	19717	4.119	ug/l #	52
38) Carbon Tetrachloride	5.543	117	28886	6.357	ug/l #	15
49) 1,4-Dioxane	7.702	88	482	5.487	ug/l #	33
76) 1,2,3-Trichloropropane	11.079	75	100915	22.774	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	100915	73.762	ug/l #	8

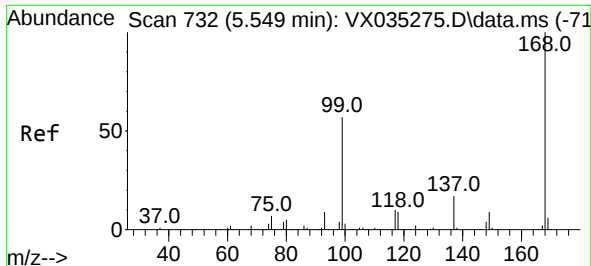
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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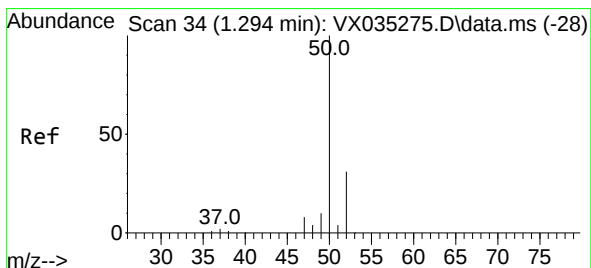
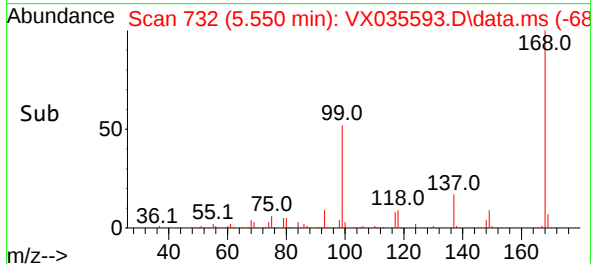
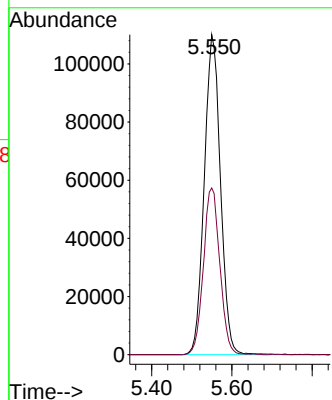
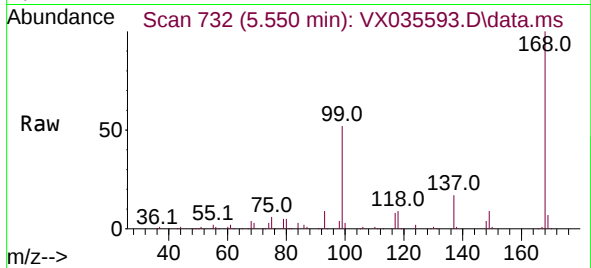




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

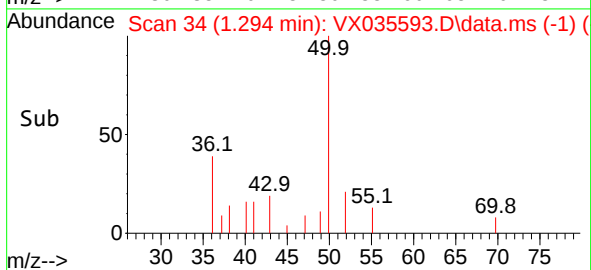
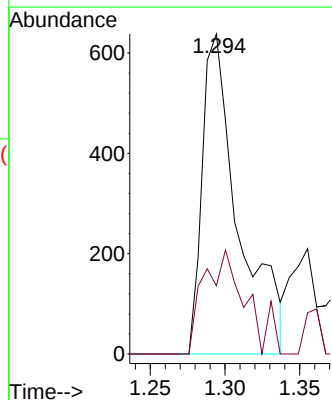
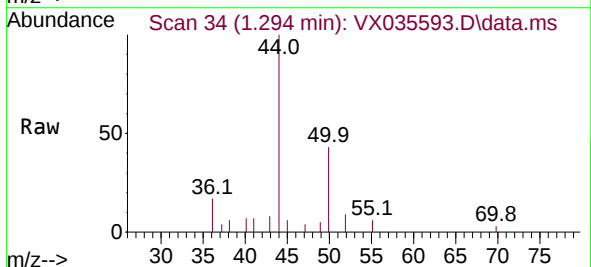
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051023

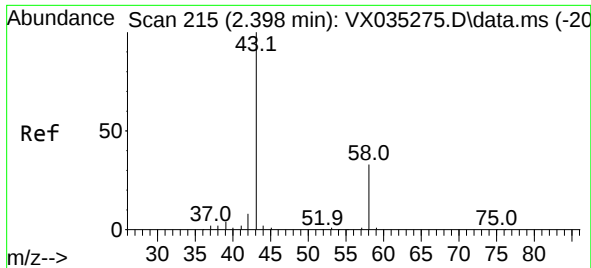
Tgt Ion:168 Resp: 309142
Ion Ratio Lower Upper
168 100
99 52.1 45.7 68.5



#3
Chloromethane
Concen: 0.363 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

Tgt Ion: 50 Resp: 1080
Ion Ratio Lower Upper
50 100
52 21.3 25.9 38.9#

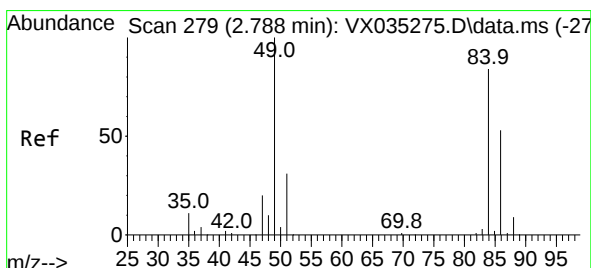
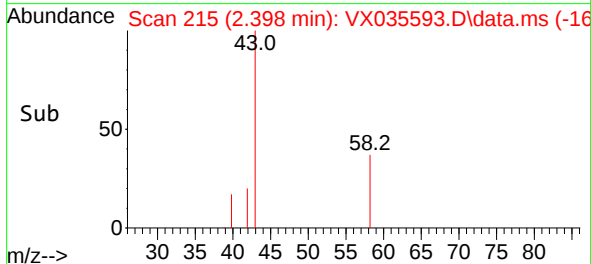
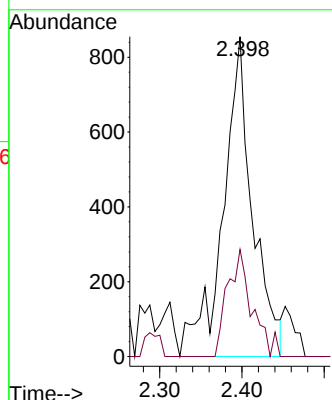
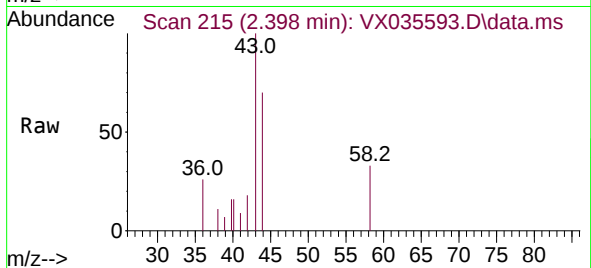




#16
Acetone
Concen: 1.312 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

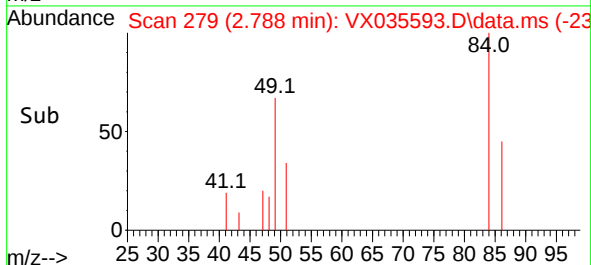
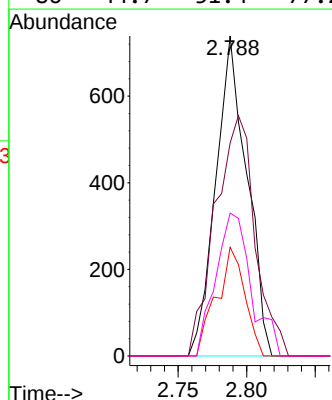
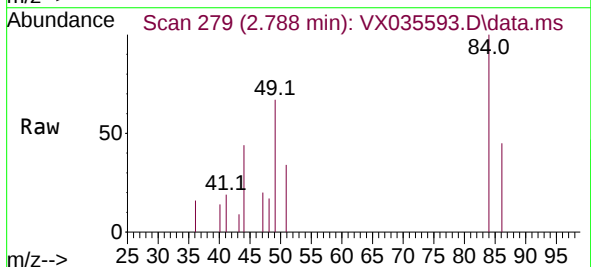
Instrument :
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ClientSampleId :
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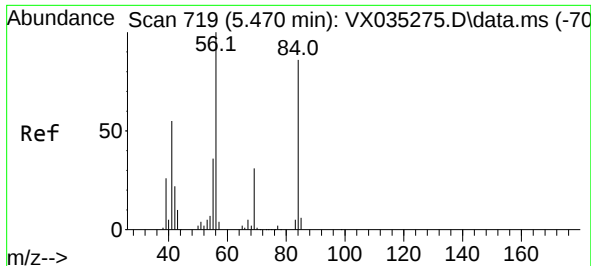
Tgt Ion: 43 Resp: 2125
Ion Ratio Lower Upper
43 100
58 33.5 24.7 37.1



#20
Methylene Chloride
Concen: 0.315 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

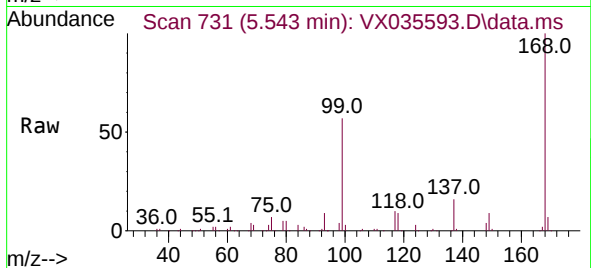
Tgt Ion: 84 Resp: 1169
Ion Ratio Lower Upper
84 100
49 66.6 103.8 155.8#
51 34.0 31.8 47.8
86 44.7 51.4 77.2#



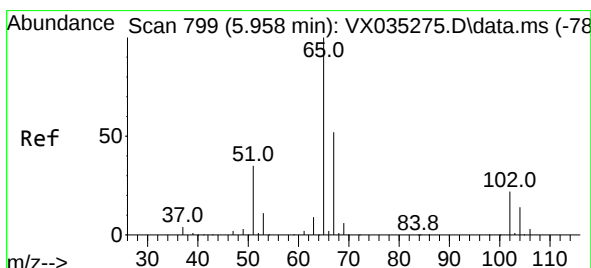
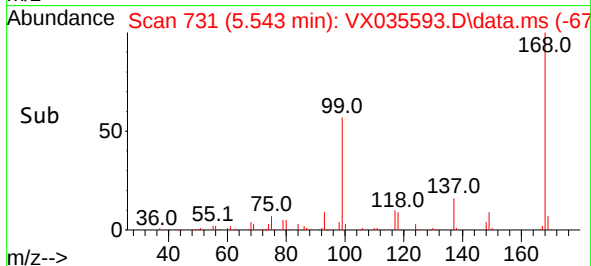
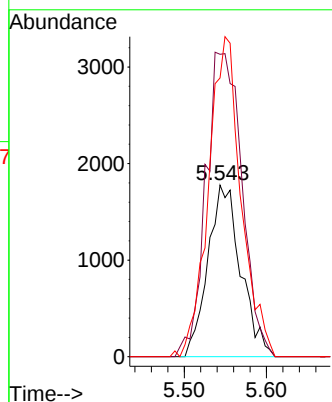


#31
Cyclohexane
Concen: 0.935 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

Instrument :
MSVOA_X
ClientSampleId :
TB-01-051023

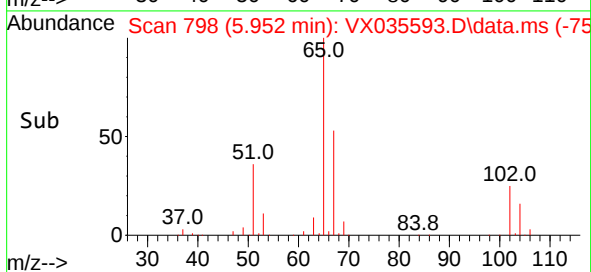
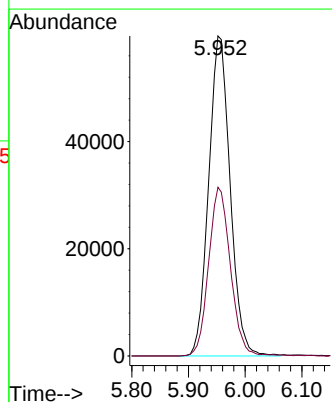
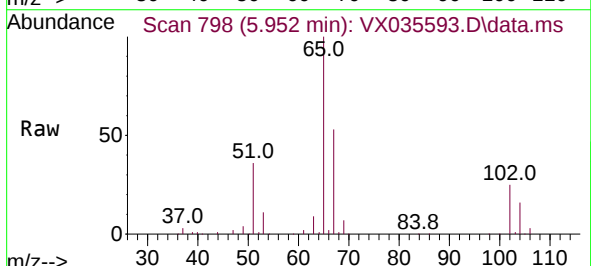


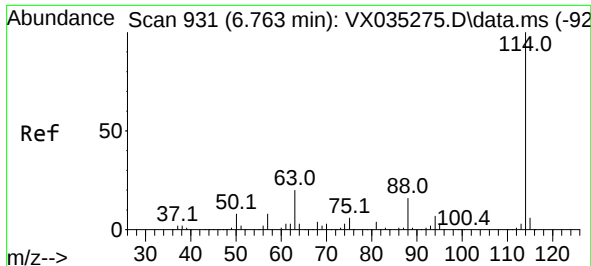
Tgt Ion: 56 Resp: 4947
Ion Ratio Lower Upper
56 100
69 176.3 23.7 35.5#
84 162.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 42.070 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

Tgt Ion: 65 Resp: 156904
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.0

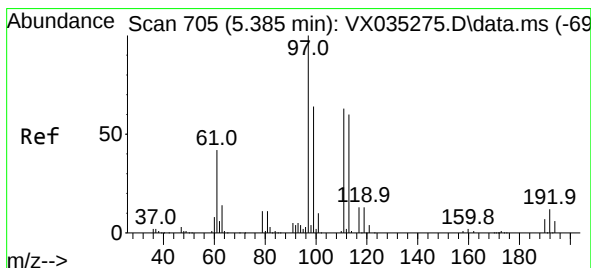
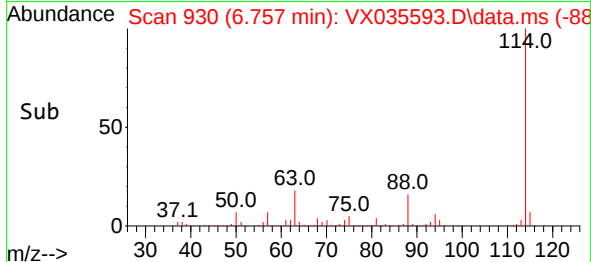
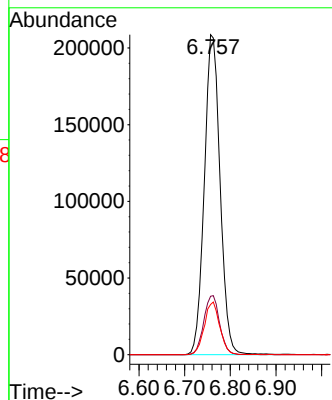
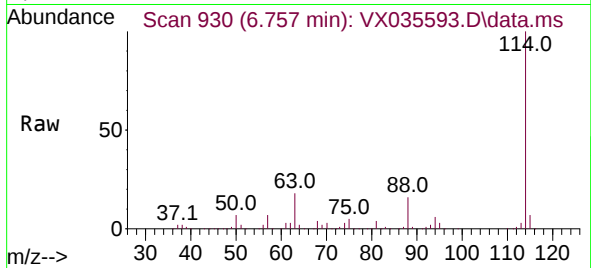




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

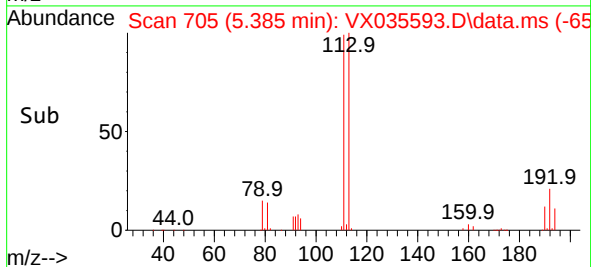
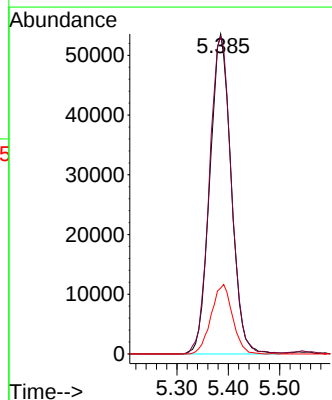
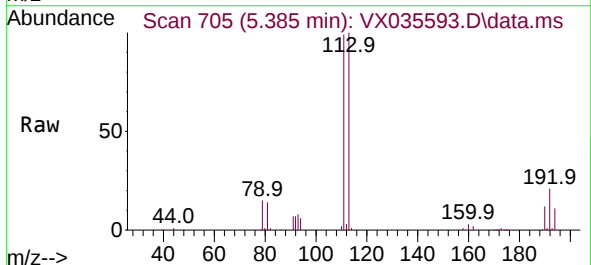
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051023

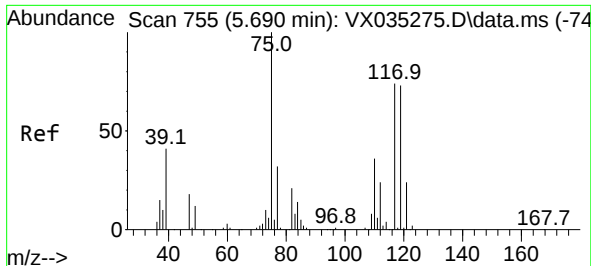
Tgt Ion:114 Resp: 499478
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.2
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.286 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

Tgt Ion:113 Resp: 154160
Ion Ratio Lower Upper
113 100
111 102.1 83.7 125.5
192 21.8 15.4 23.2

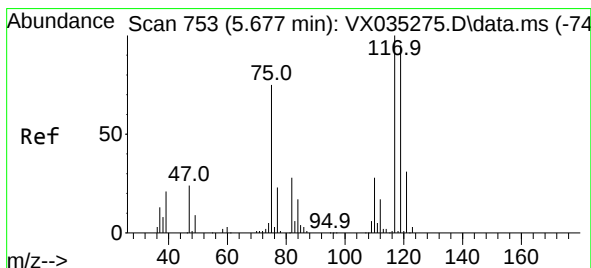
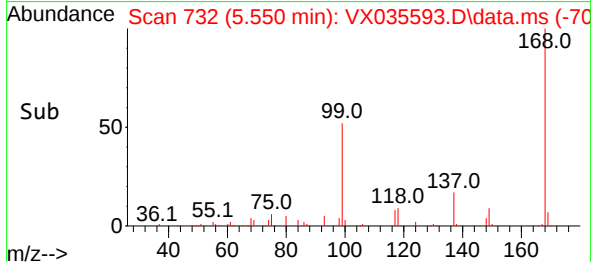
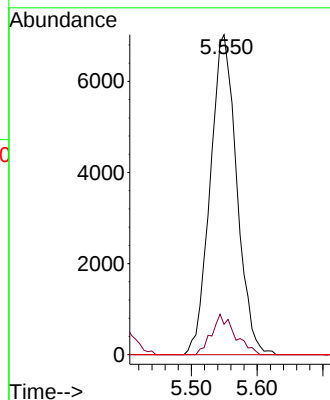
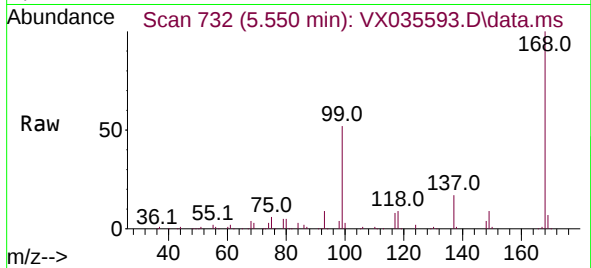




#36
1,1-Dichloropropene
Concen: 4.119 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

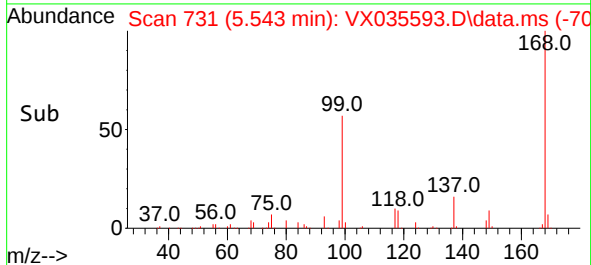
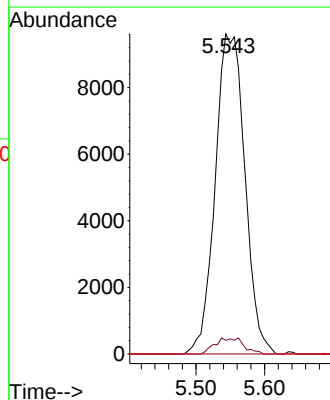
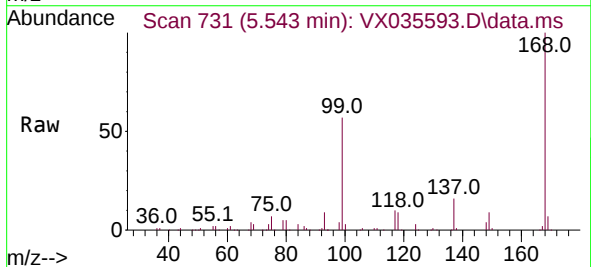
Instrument :
MSVOA_X
ClientSampleId :
TB-01-051023

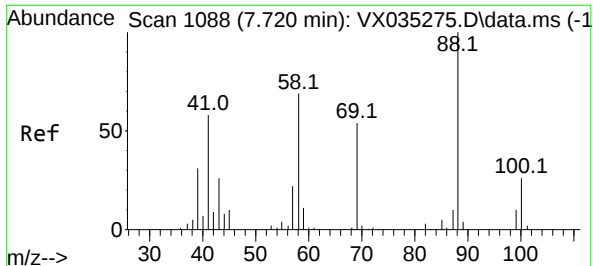
Tgt Ion: 75 Resp: 19717
Ion Ratio Lower Upper
75 100
110 11.2 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.357 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

Tgt Ion: 117 Resp: 28886
Ion Ratio Lower Upper
117 100
119 4.3 76.6 114.8#
121 0.0 23.8 35.6#





#49

1,4-Dioxane

Concen: 5.487 ug/l

RT: 7.702 min Scan# 1088

Delta R.T. -0.018 min

Lab File: VX035593.D

Acq: 10 May 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :

TB-01-051023

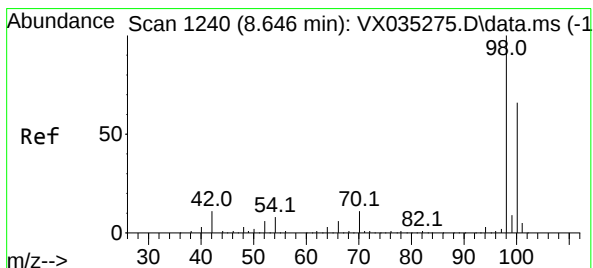
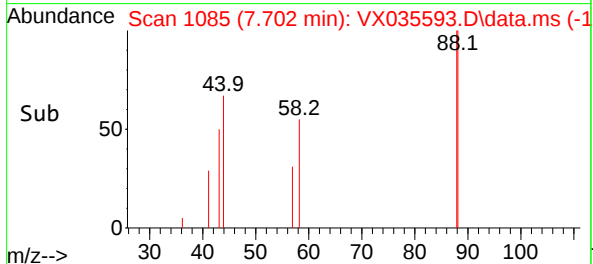
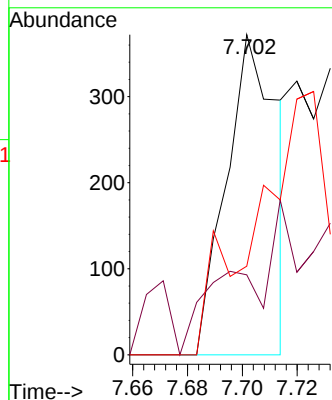
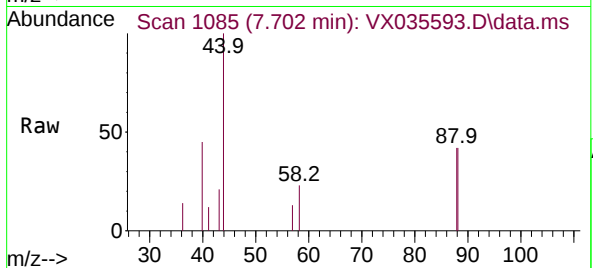
Tgt Ion: 88 Resp: 482

Ion Ratio Lower Upper

88 100

43 50.4 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 49.552 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035593.D

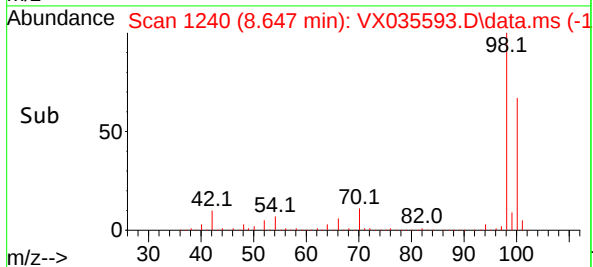
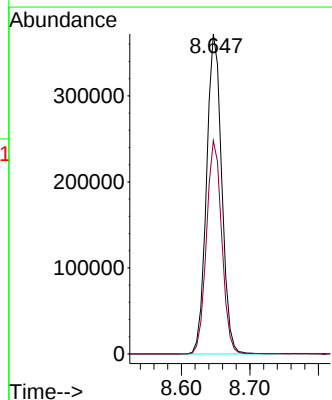
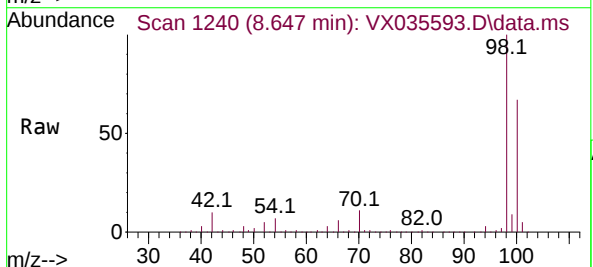
Acq: 10 May 2023 17:56

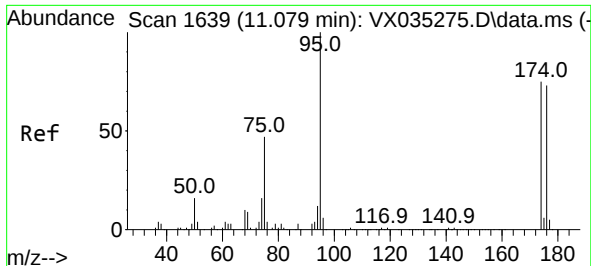
Tgt Ion: 98 Resp: 573047

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7

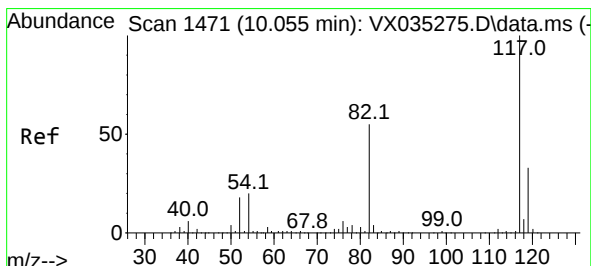
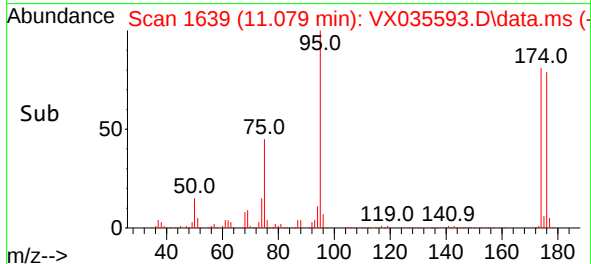
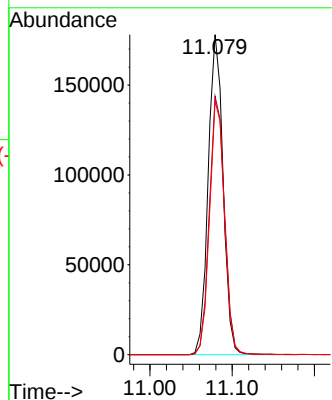
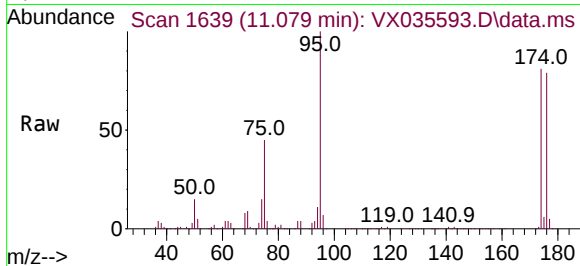




#62
4-Bromofluorobenzene
Concen: 51.316 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

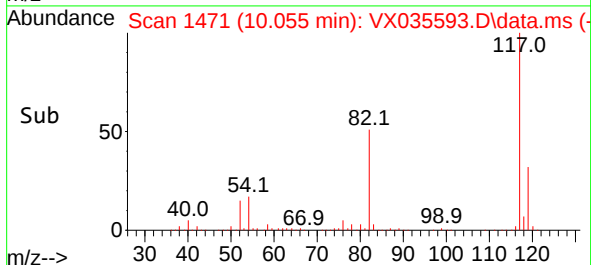
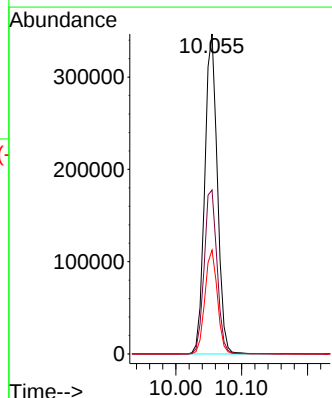
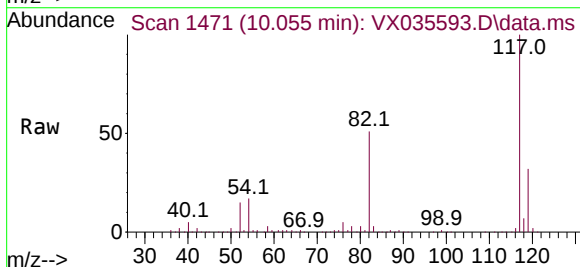
Instrument :
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TB-01-051023

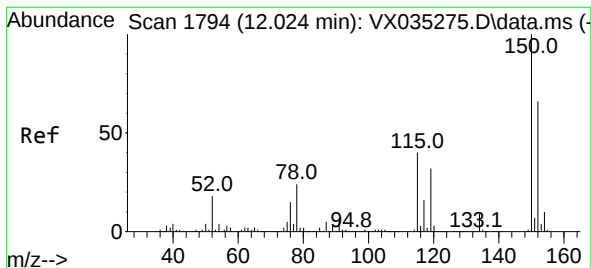
Tgt Ion: 95 Resp: 223244
Ion Ratio Lower Upper
95 100
174 82.5 0.0 147.4
176 80.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035593.D
Acq: 10 May 2023 17:56

Tgt Ion: 117 Resp: 462856
Ion Ratio Lower Upper
117 100
82 51.3 45.0 67.4
119 32.4 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX035593.D

Acq: 10 May 2023 17:56

Instrument :

MSVOA_X

ClientSampleId :

TB-01-051023

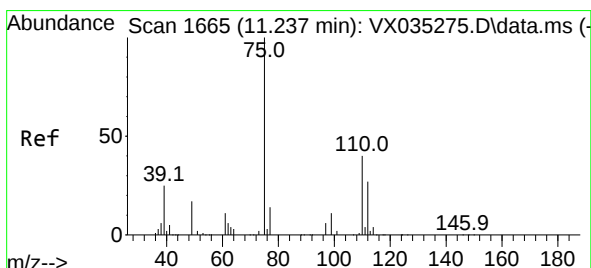
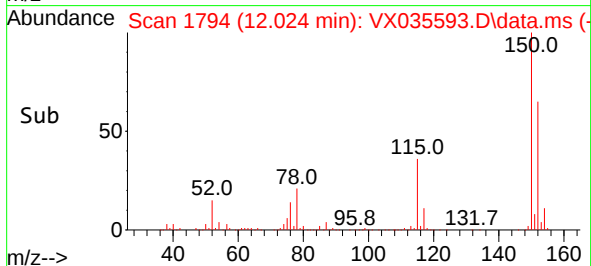
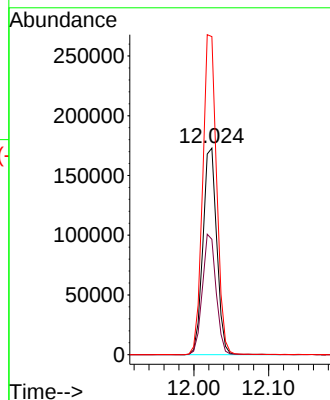
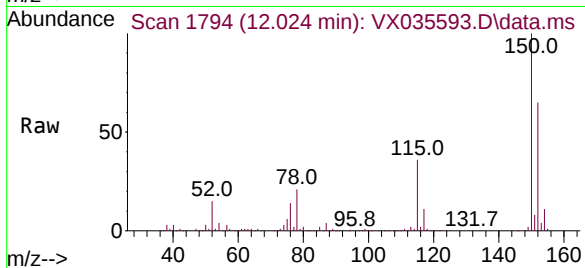
Tgt Ion:152 Resp: 222135

Ion Ratio Lower Upper

152 100

115 57.7 45.0 135.0

150 156.3 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 22.774 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035593.D

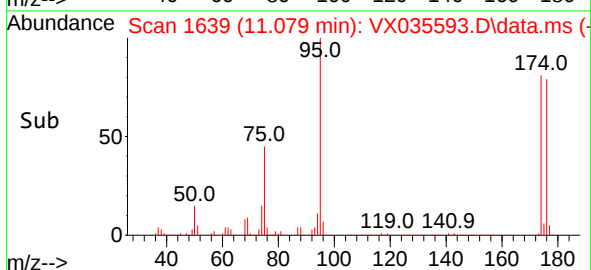
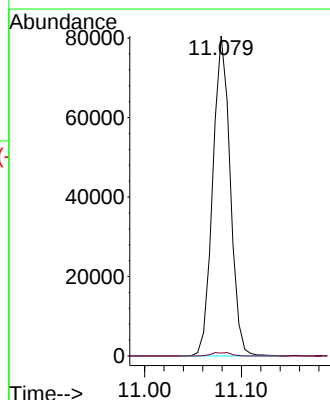
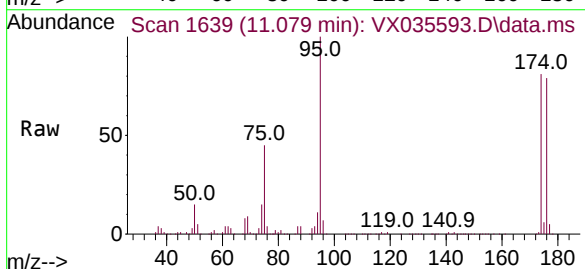
Acq: 10 May 2023 17:56

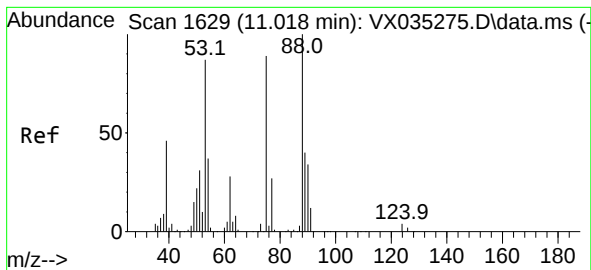
Tgt Ion: 75 Resp: 100915

Ion Ratio Lower Upper

75 100

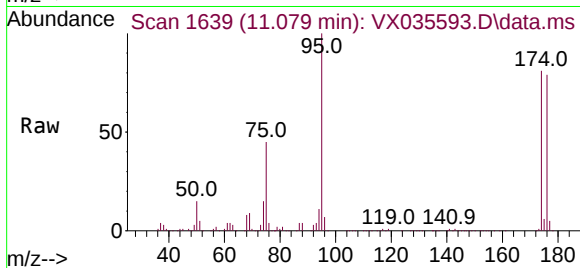
77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.762 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX035593.D
 Acq: 10 May 2023 17:56

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-051023



Tgt Ion: 75 Resp: 100915
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

