

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051023\
 Data File : VX035591.D
 Acq On : 10 May 2023 17:10
 Operator : JC/MD
 Sample : 02723-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-030723

Quant Time: May 11 04:24:33 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)

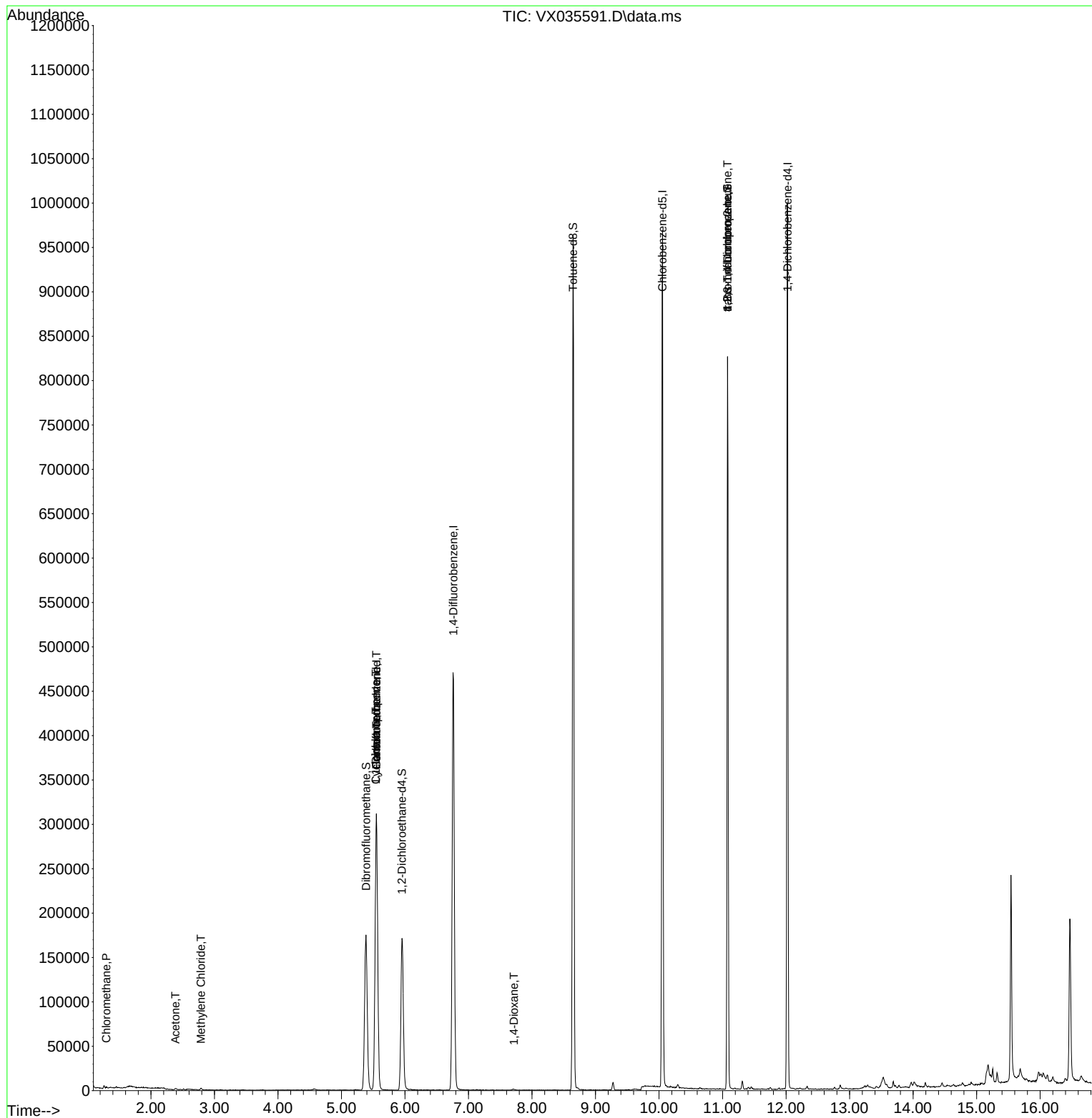
Internal Standards						
1) Pentafluorobenzene	5.550	168	319067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	513321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	470088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	229055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162240	42.147	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.300%
35) Dibromofluoromethane	5.385	113	156802	49.769	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.540%
50) Toluene-d8	8.647	98	583526	49.097	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.200%
62) 4-Bromofluorobenzene	11.079	95	227405	50.862	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.720%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	1449	0.472	ug/l	99
16) Acetone	2.386	43	1872	1.120	ug/l	99
20) Methylene Chloride	2.788	84	845	0.220	ug/l #	93
31) Cyclohexane	5.544	56	5329	0.976	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	20496	4.166	ug/l #	51
38) Carbon Tetrachloride	5.550	117	29370	6.289	ug/l #	16
49) 1,4-Dioxane	7.714	88	1133	12.551	ug/l #	27
76) 1,2,3-Trichloropropane	11.079	75	104627	22.899	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	104627	74.165	ug/l #	8

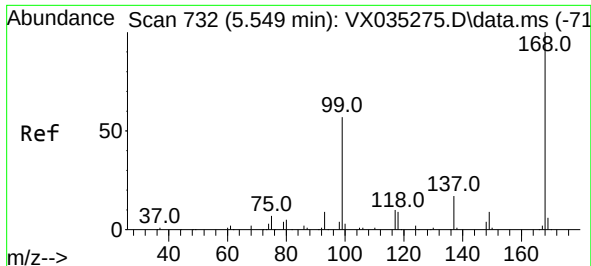
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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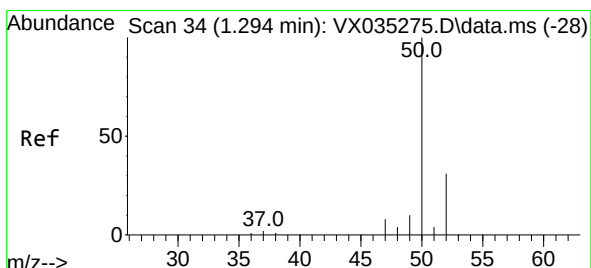
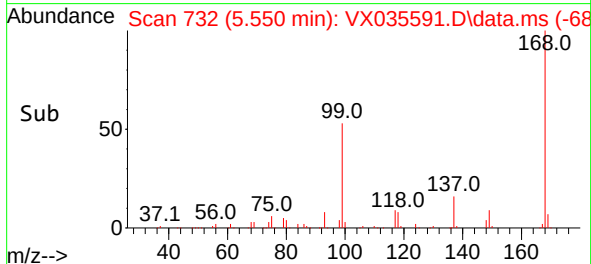
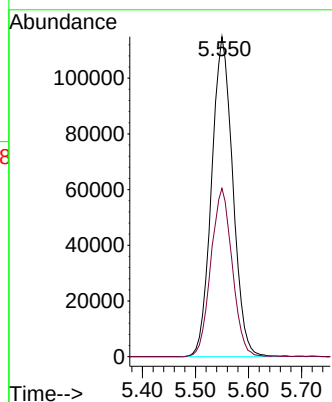
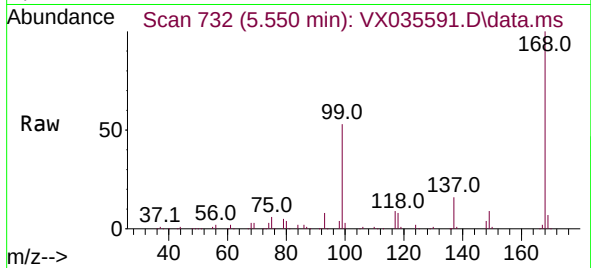




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

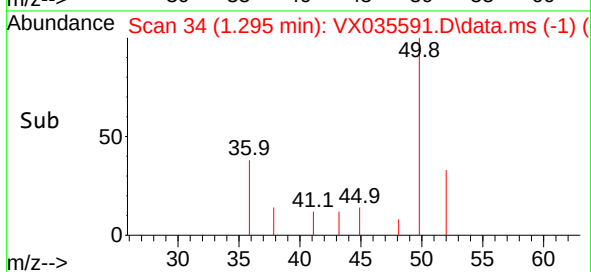
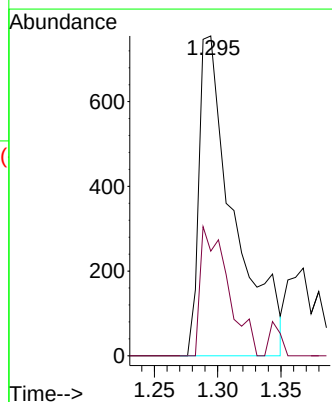
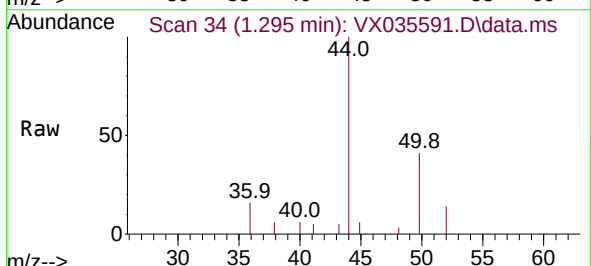
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030723

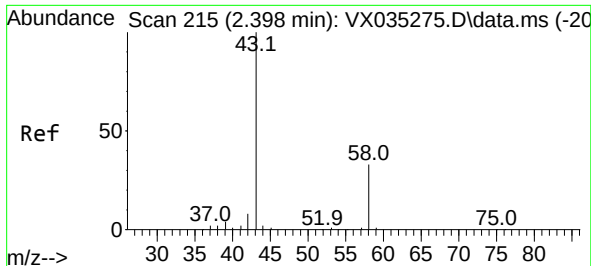
Tgt Ion:168 Resp: 319067
Ion Ratio Lower Upper
168 100
99 52.6 45.7 68.5



#3
Chloromethane
Concen: 0.472 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

Tgt Ion: 50 Resp: 1449
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9





#16

Acetone

Concen: 1.120 ug/l

RT: 2.386 min Scan# 215

Delta R.T. -0.012 min

Lab File: VX035591.D

Acq: 10 May 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

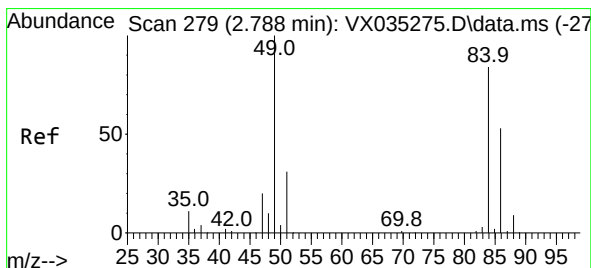
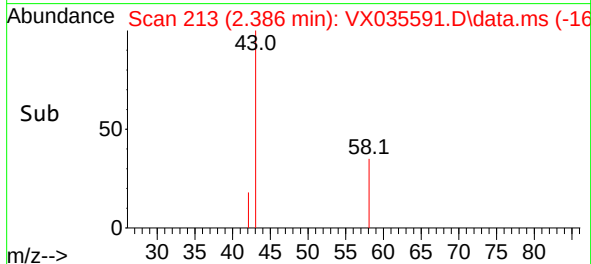
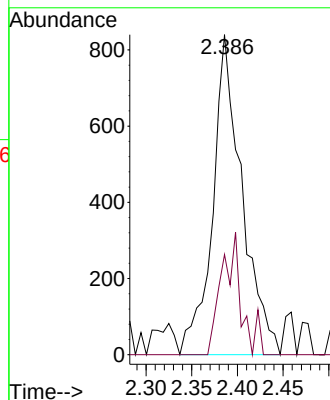
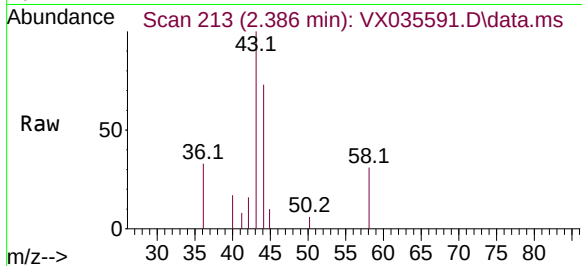
TB-01-030723

Tgt Ion: 43 Resp: 1872

Ion Ratio Lower Upper

43 100

58 31.3 24.7 37.1



#20

Methylene Chloride

Concen: 0.220 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX035591.D

Acq: 10 May 2023 17:10

Tgt Ion: 84 Resp: 845

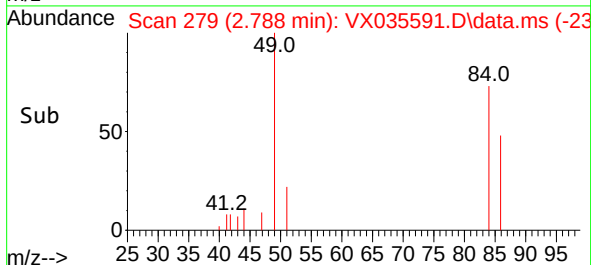
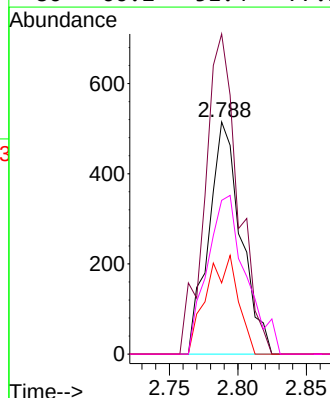
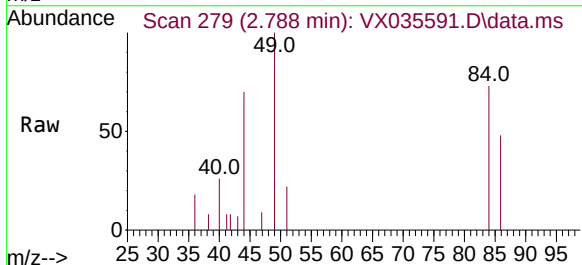
Ion Ratio Lower Upper

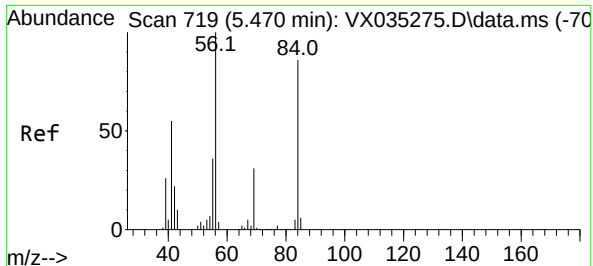
84 100

49 137.9 103.8 155.8

51 30.7 31.8 47.8#

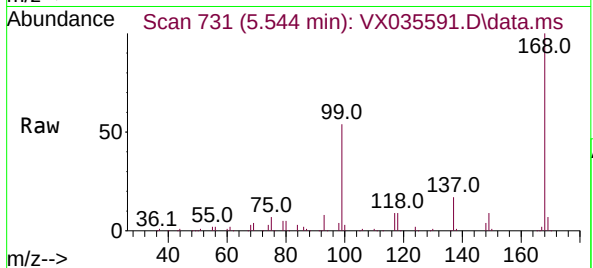
86 66.2 51.4 77.2



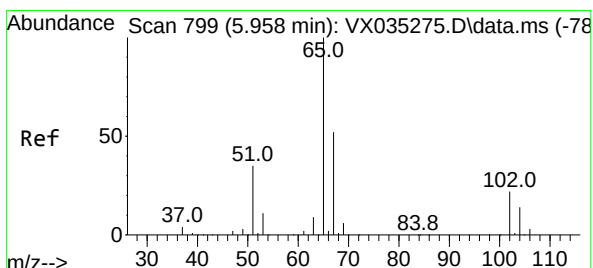
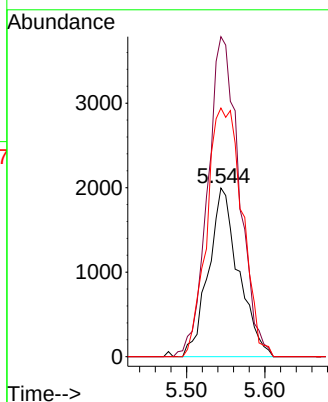
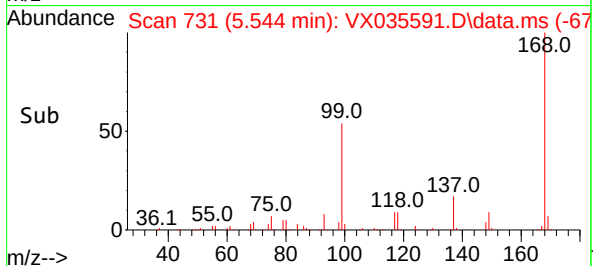


#31
Cyclohexane
Concen: 0.976 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

Instrument :
MSVOA_X
ClientSampleId :
TB-01-030723

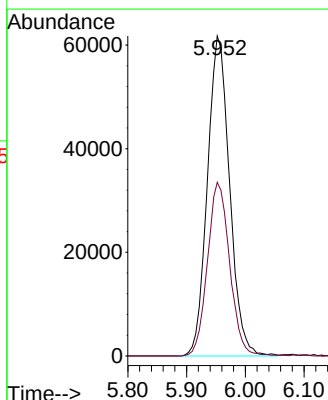
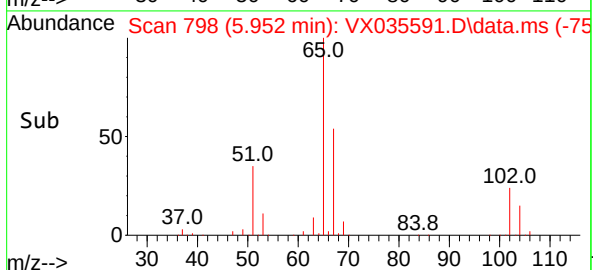
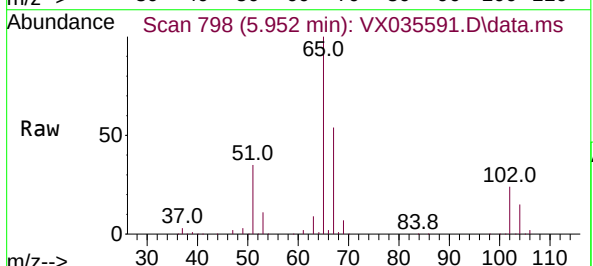


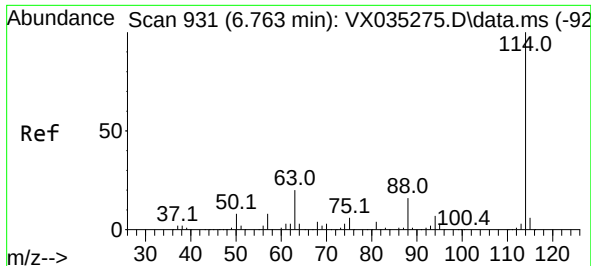
Tgt Ion: 56 Resp: 5329
Ion Ratio Lower Upper
56 100
69 189.8 23.7 35.5#
84 147.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 42.147 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

Tgt Ion: 65 Resp: 162240
Ion Ratio Lower Upper
65 100
67 54.2 0.0 104.0

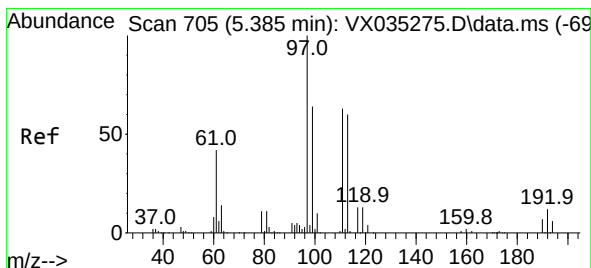
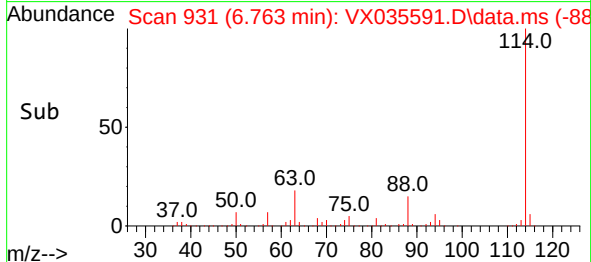
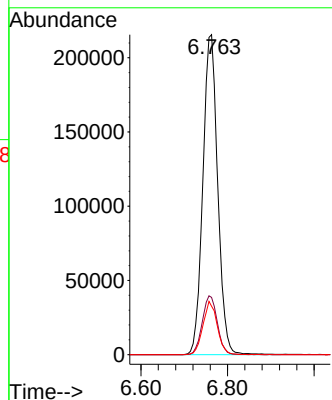
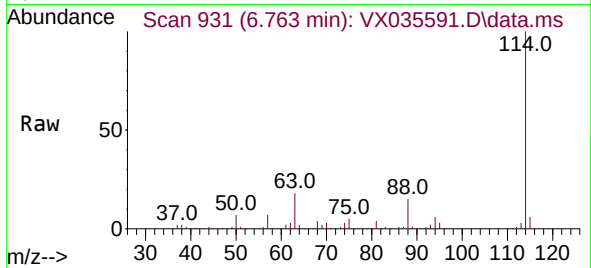




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

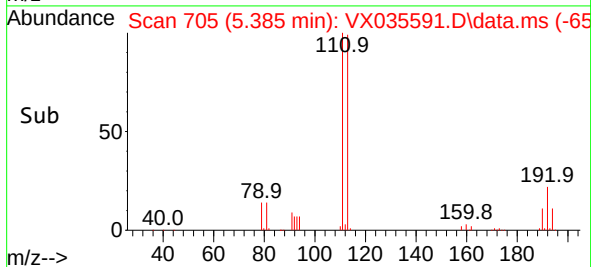
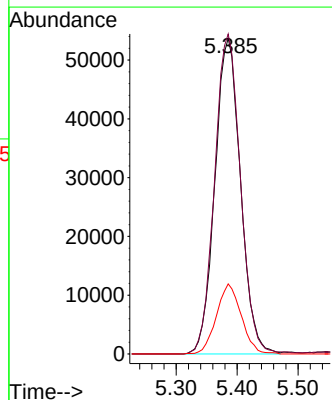
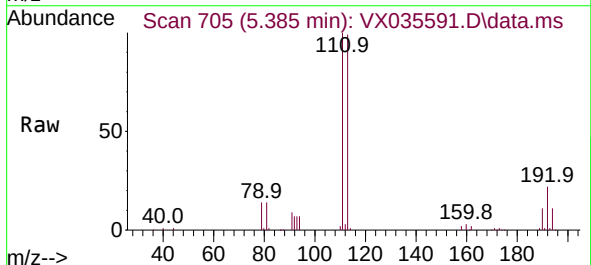
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030723

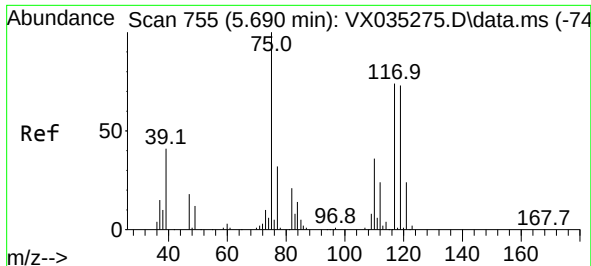
Tgt Ion:114 Resp: 513321
Ion Ratio Lower Upper
114 100
63 17.9 0.0 42.2
88 15.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.769 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

Tgt Ion:113 Resp: 156802
Ion Ratio Lower Upper
113 100
111 102.5 83.7 125.5
192 21.5 15.4 23.2

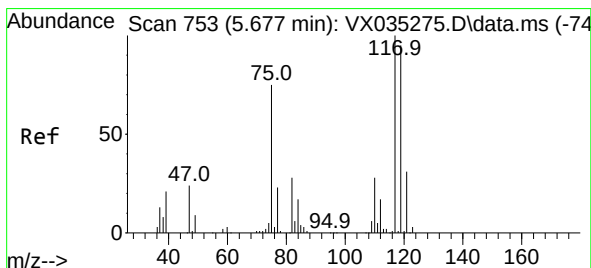
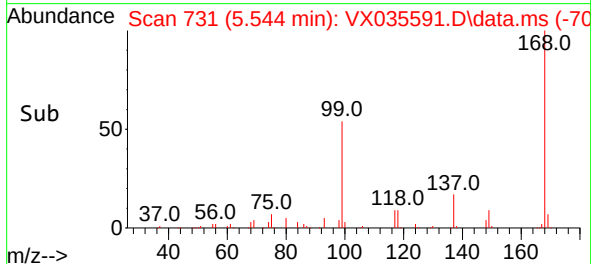
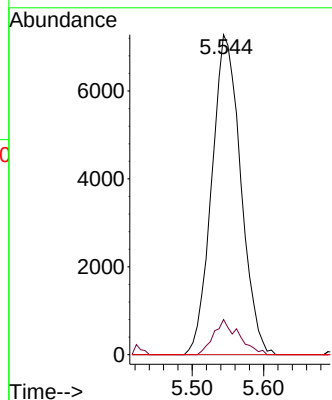
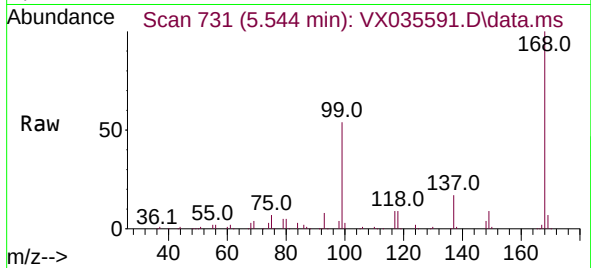




#36
1,1-Dichloropropene
Concen: 4.166 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

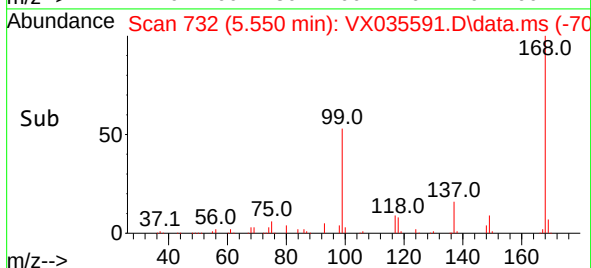
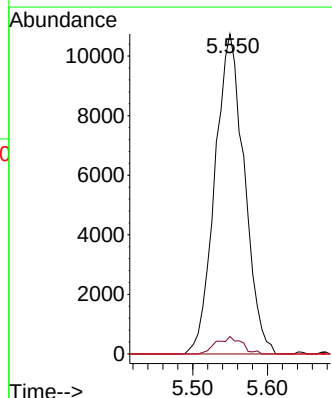
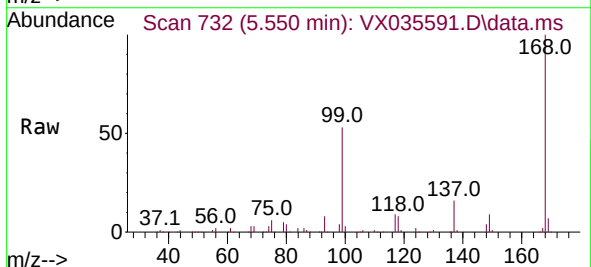
Instrument :
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ClientSampleId :
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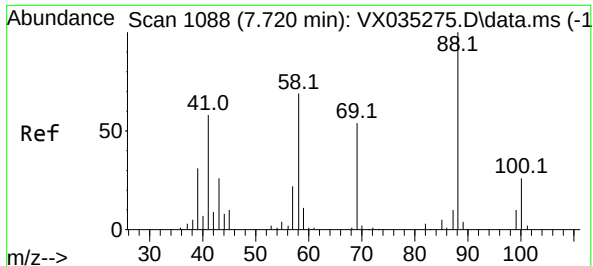
Tgt Ion: 75 Resp: 20496
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.289 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

Tgt Ion: 117 Resp: 29370
Ion Ratio Lower Upper
117 100
119 5.4 76.6 114.8#
121 0.0 23.8 35.6#





#49

1,4-Dioxane

Concen: 12.551 ug/l

RT: 7.714 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VX035591.D

Acq: 10 May 2023 17:10

Instrument :

MSVOA_X

ClientSampleId :

TB-01-030723

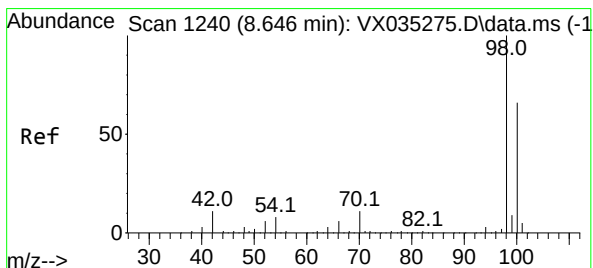
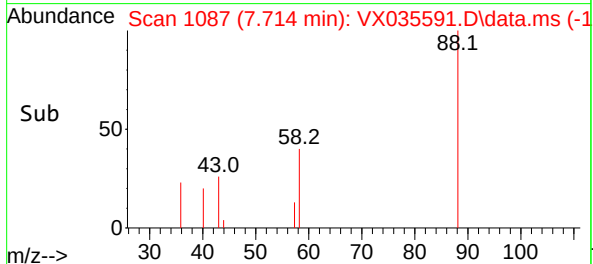
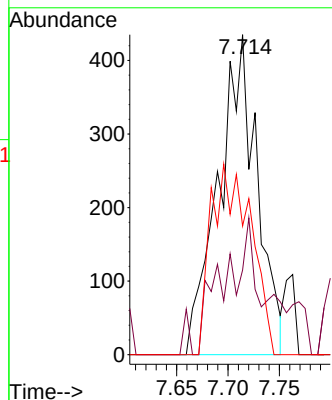
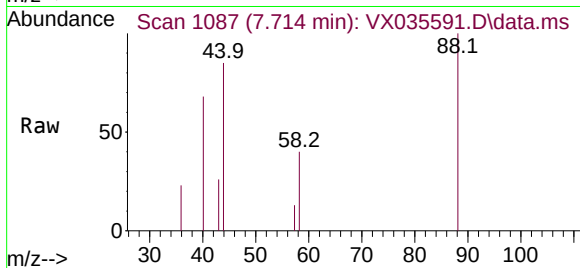
Tgt Ion: 88 Resp: 1133

Ion Ratio Lower Upper

88 100

43 7.0 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 49.097 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035591.D

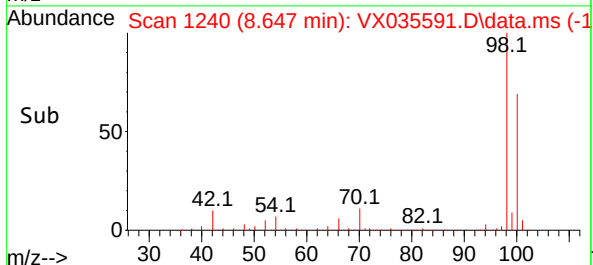
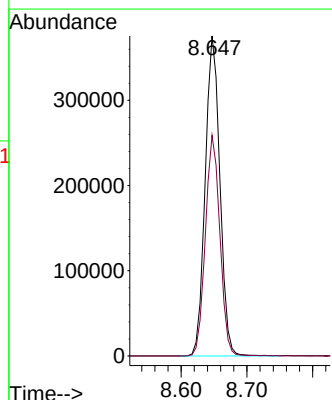
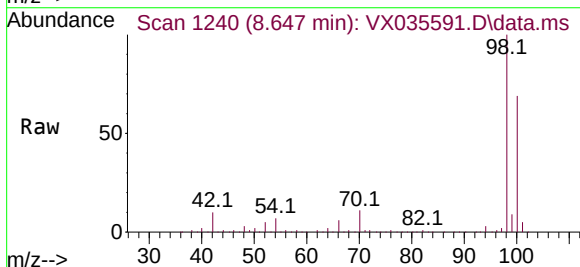
Acq: 10 May 2023 17:10

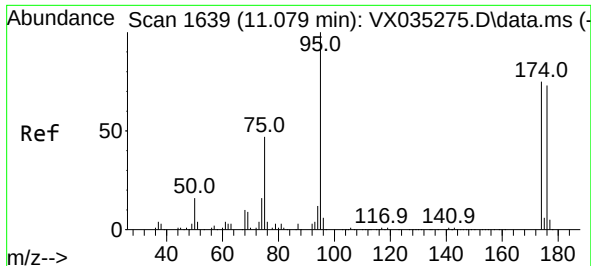
Tgt Ion: 98 Resp: 583526

Ion Ratio Lower Upper

98 100

100 68.2 52.5 78.7

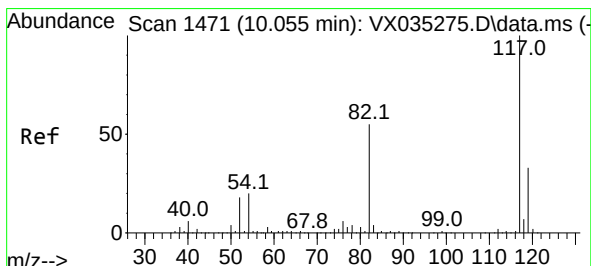
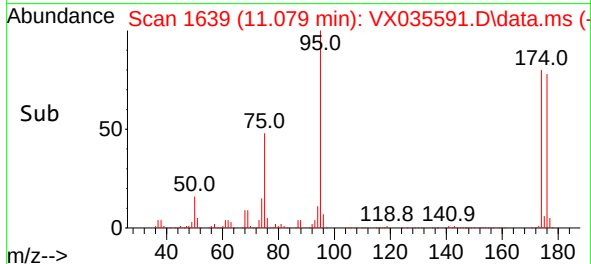
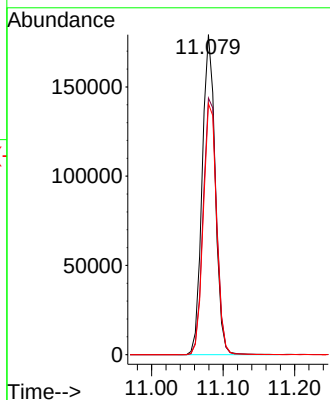
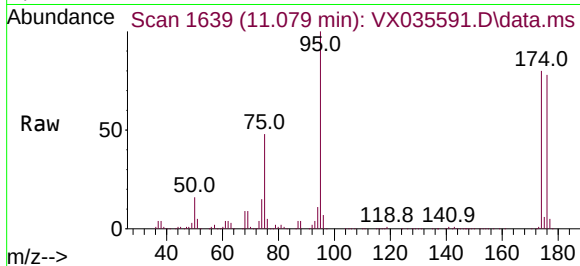




#62
4-Bromofluorobenzene
Concen: 50.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

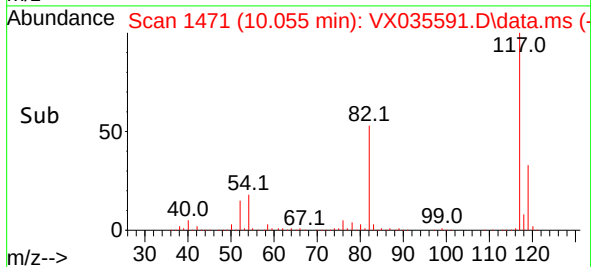
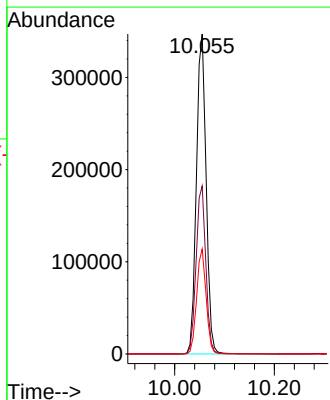
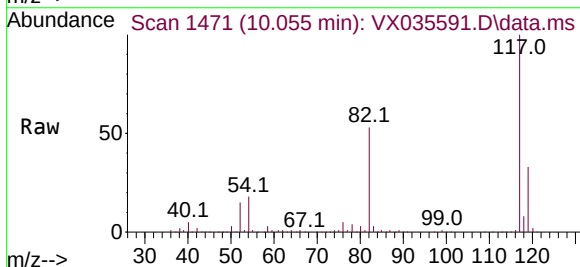
Instrument :
MSVOA_X
ClientSampleId :
TB-01-030723

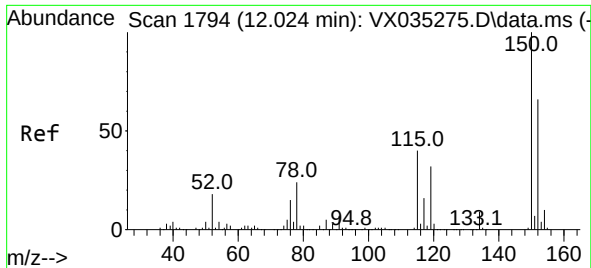
Tgt Ion: 95 Resp: 227405
Ion Ratio Lower Upper
95 100
174 83.2 0.0 147.4
176 80.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035591.D
Acq: 10 May 2023 17:10

Tgt Ion: 117 Resp: 470088
Ion Ratio Lower Upper
117 100
82 52.5 45.0 67.4
119 32.8 26.0 39.0

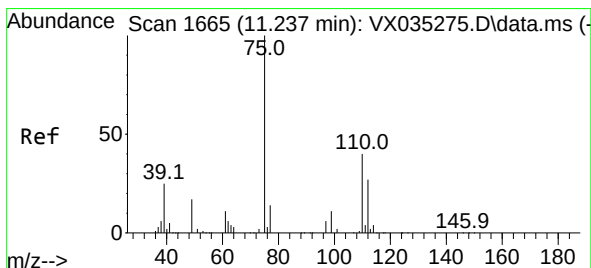
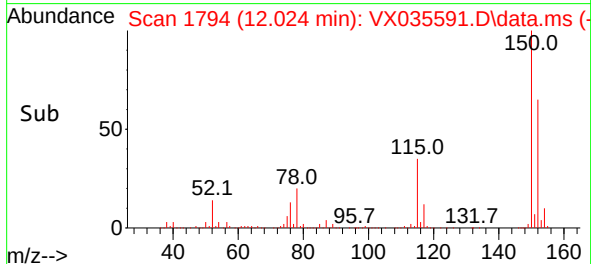
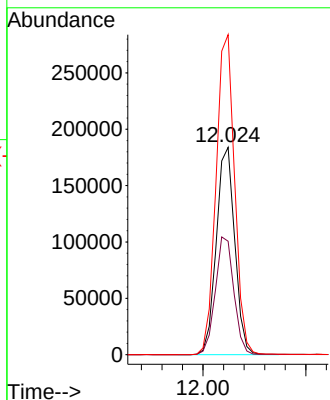
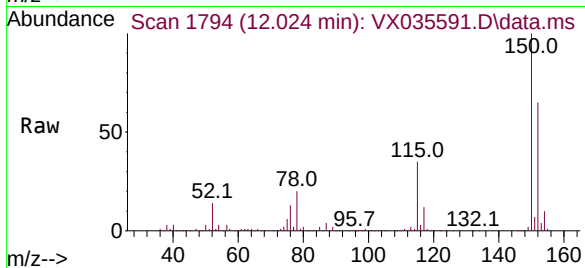




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035591.D
 Acq: 10 May 2023 17:10

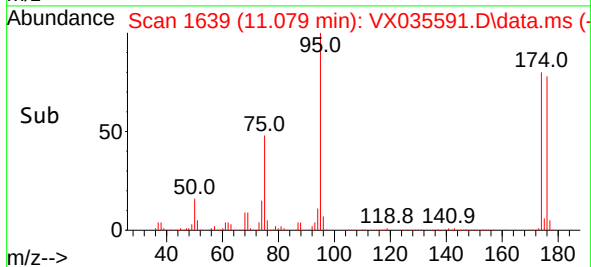
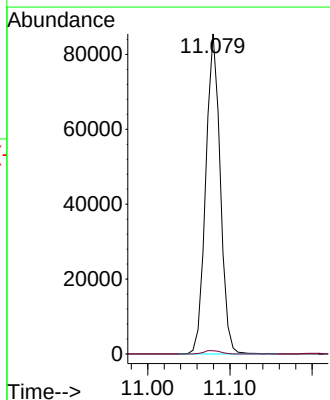
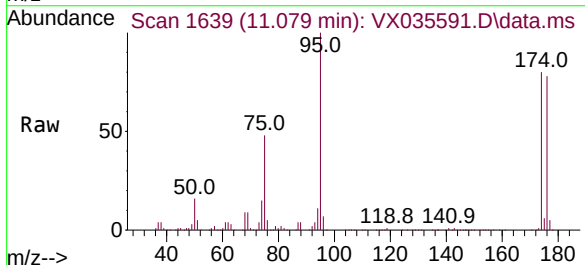
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-030723

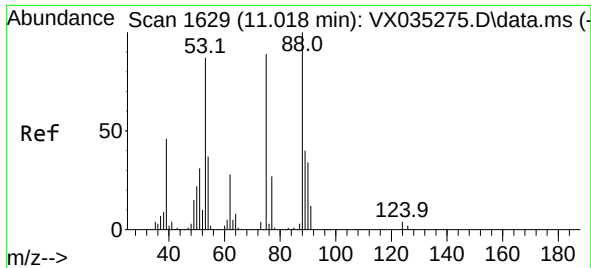
Tgt Ion:152 Resp: 229055
 Ion Ratio Lower Upper
 152 100
 115 57.0 45.0 135.0
 150 155.0 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 22.899 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX035591.D
 Acq: 10 May 2023 17:10

Tgt Ion: 75 Resp: 104627
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.165 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX035591.D
 Acq: 10 May 2023 17:10

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-030723

Tgt Ion: 75 Resp: 104627
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

