

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
 Data File : VX022124.D
 Acq On : 21 May 2021 18:37
 Operator : JC/MD
 Sample : M2406-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: May 22 04:57:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

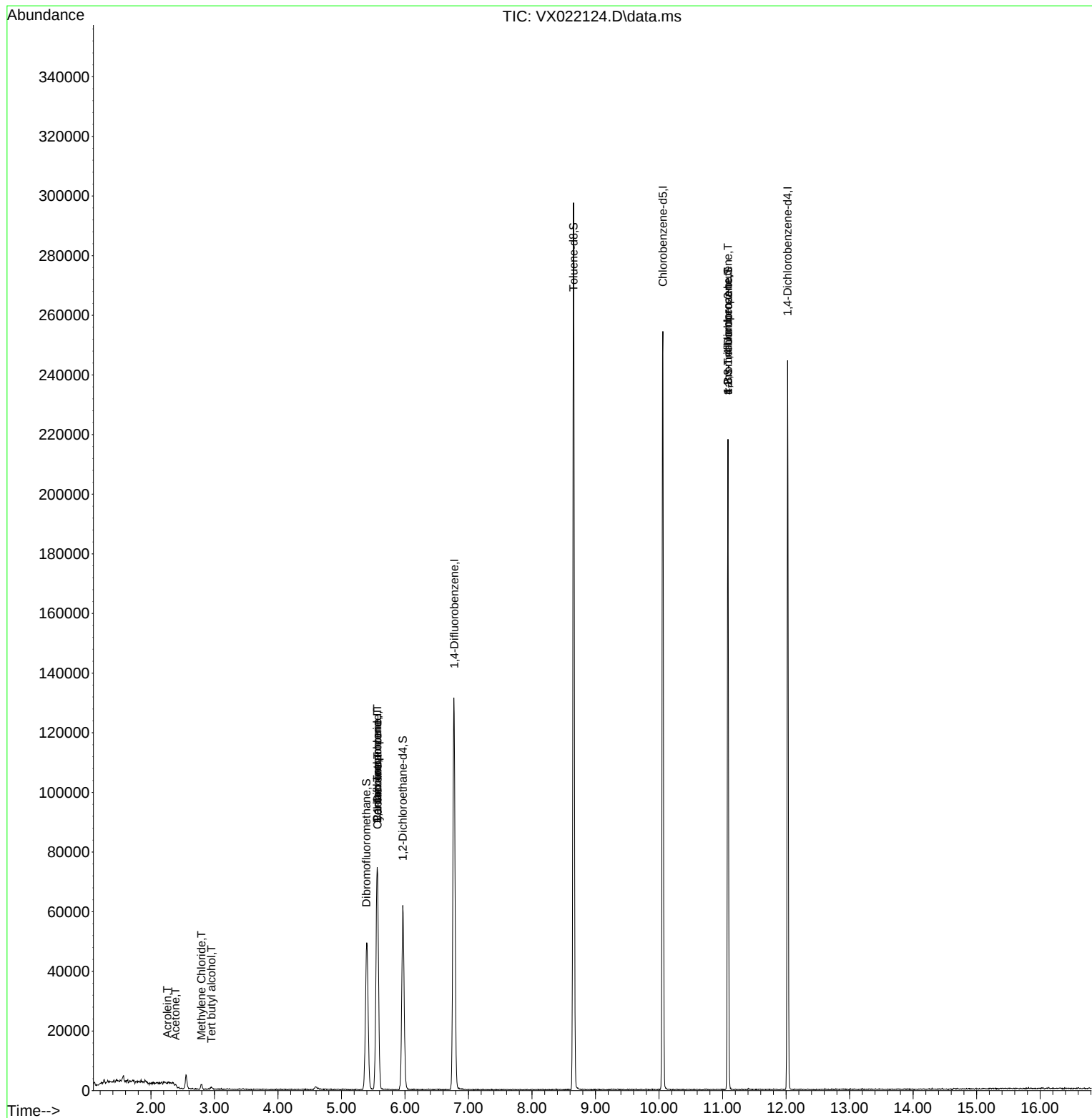
Internal Standards						
1) Pentafluorobenzene	5.562	168	65690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	132736	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	114482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54376	53.66	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.32%	
35) Dibromofluoromethane	5.391	113	43022	51.11	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.22%	
50) Toluene-d8	8.653	98	168628	52.01	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.02%	
62) 4-Bromofluorobenzene	11.085	95	58444	48.76	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.52%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	542	2.34	ug/l #	73
13) Acrolein	2.258	56	137	0.89	ug/l #	47
16) Acetone	2.386	43	1451	3.29	ug/l #	80
20) Methylene Chloride	2.794	84	722	0.74	ug/l #	85
31) Cyclohexane	5.568	56	1783	1.40	ug/l #	12
36) 1,1-Dichloropropene	5.562	75	6195	5.05	ug/l #	48
38) Carbon Tetrachloride	5.562	117	7368	6.14	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	29437	26.61	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	29437	63.06	ug/l #	12

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

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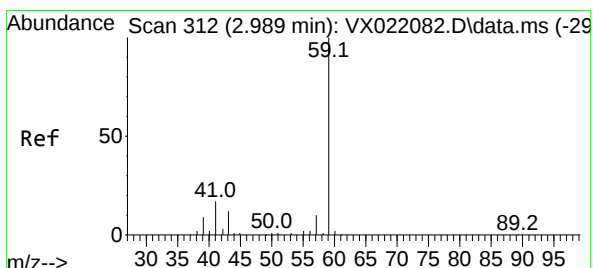
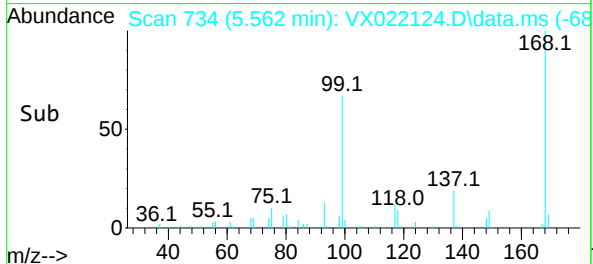
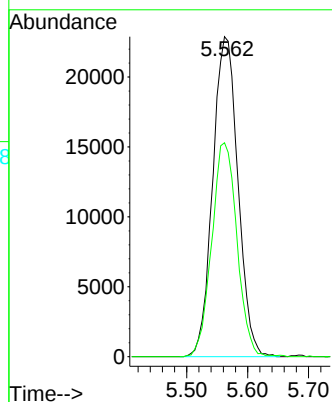
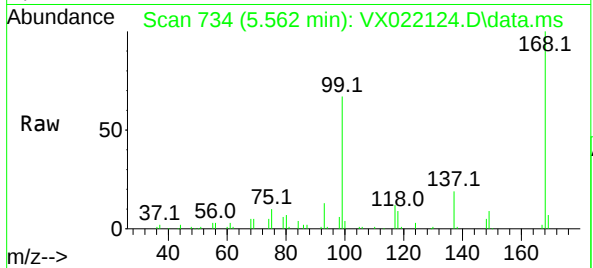




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022124.D
Acq: 21 May 2021 18:37

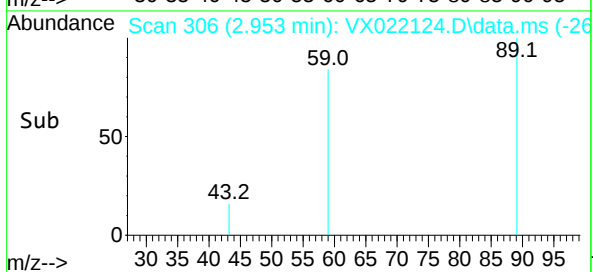
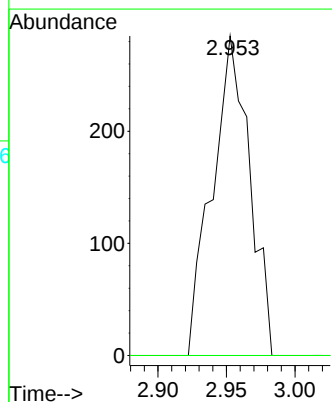
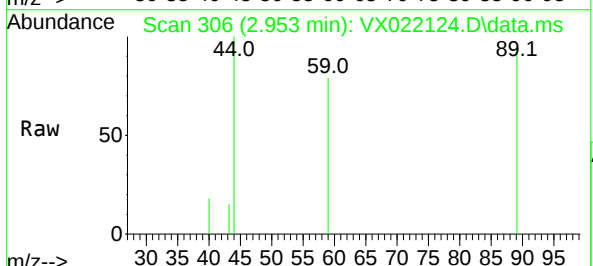
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

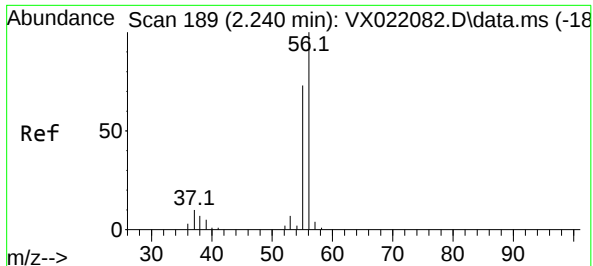
Tgt Ion:168 Resp: 65690
Ion Ratio Lower Upper
168 100
99 66.9 45.8 68.6



#11
Tert butyl alcohol
Concen: 2.34 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022124.D
Acq: 21 May 2021 18:37

Tgt Ion: 59 Resp: 542
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 0.89 ug/l

RT: 2.258 min Scan# 192

Delta R.T. 0.018 min

Lab File: VX022124.D

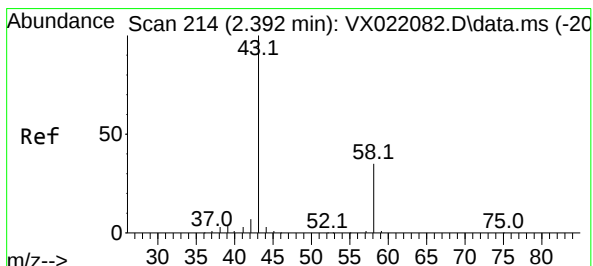
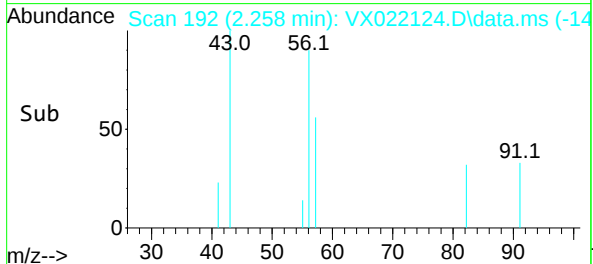
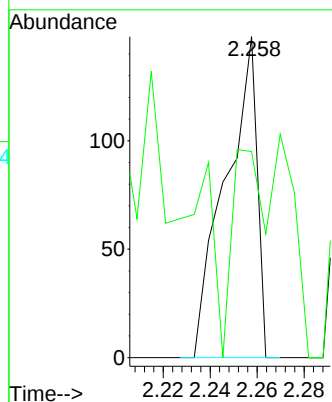
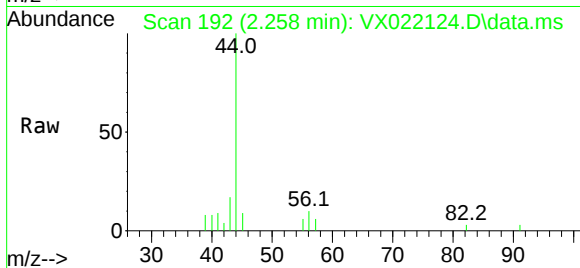
Acq: 21 May 2021 18:37

Tgt Ion: 56 Resp: 137

Ion Ratio Lower Upper

56 100

55 113.9 56.4 84.6#



#16

Acetone

Concen: 3.29 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX022124.D

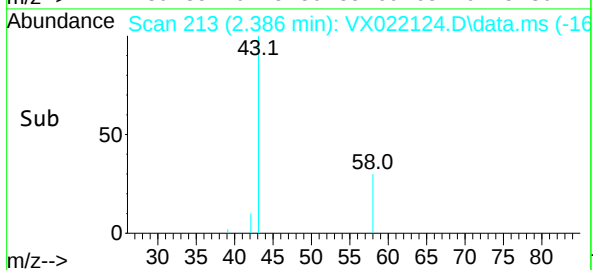
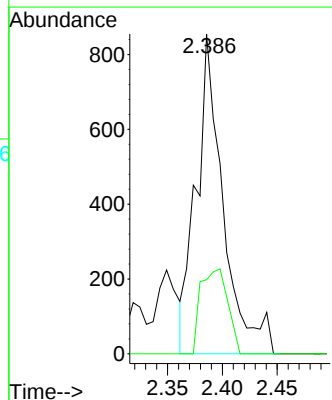
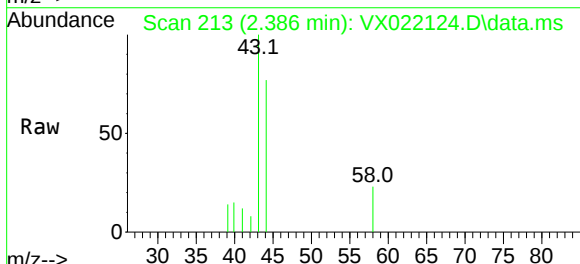
Acq: 21 May 2021 18:37

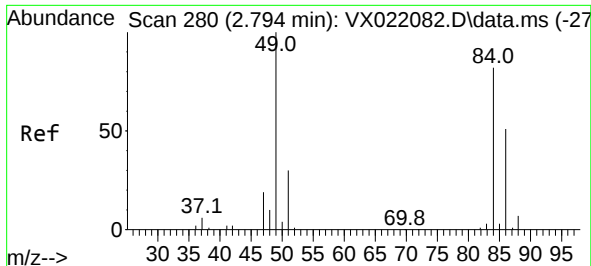
Tgt Ion: 43 Resp: 1451

Ion Ratio Lower Upper

43 100

58 23.2 27.8 41.8#

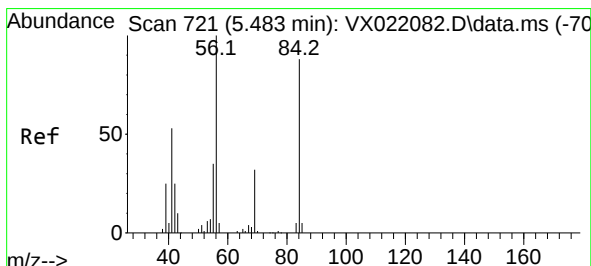
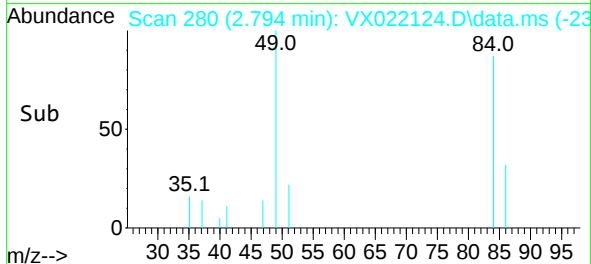
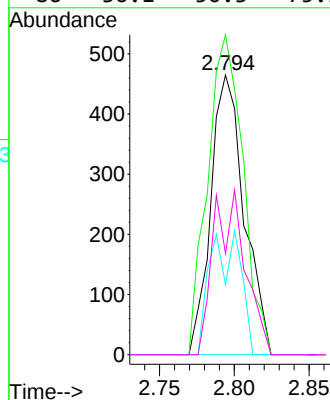
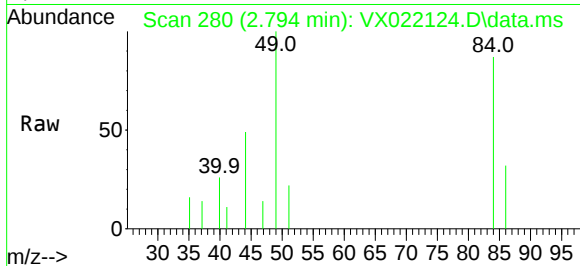




#20
Methylene Chloride
Concen: 0.74 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022124.D
Acq: 21 May 2021 18:37

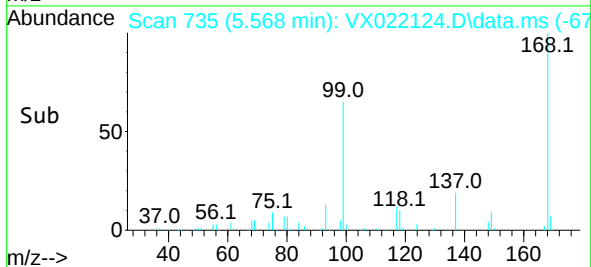
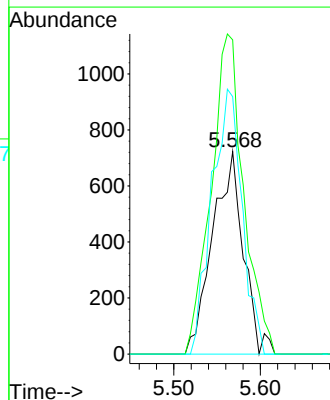
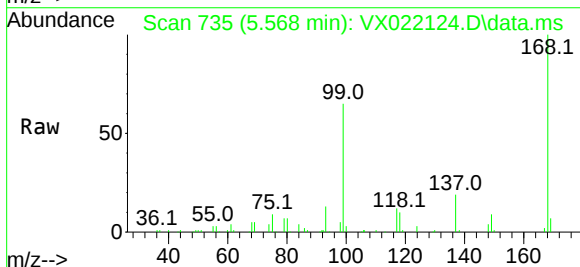
Instrument :
MSVOA_X
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STORAGE-BLANK-WATER-REF-4

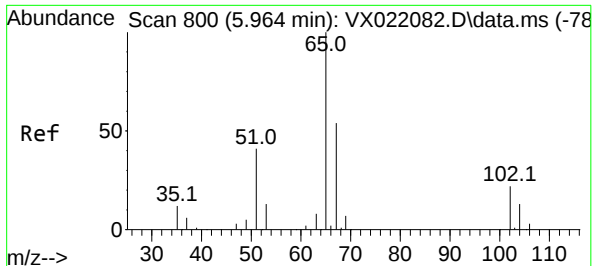
Tgt Ion:	84	Resp:	722
Ion	Ratio	Lower	Upper
84	100		
49	114.4	88.6	132.8
51	24.9	27.0	40.6#
86	36.1	50.3	75.5#



#31
Cyclohexane
Concen: 1.40 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022124.D
Acq: 21 May 2021 18:37

Tgt Ion:	56	Resp:	1783
Ion	Ratio	Lower	Upper
56	100		
69	155.2	25.3	37.9#
84	127.1	71.4	107.0#





#33

1,2-Dichloroethane-d4

Concen: 53.66 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022124.D

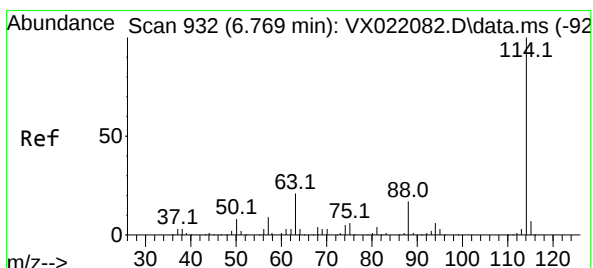
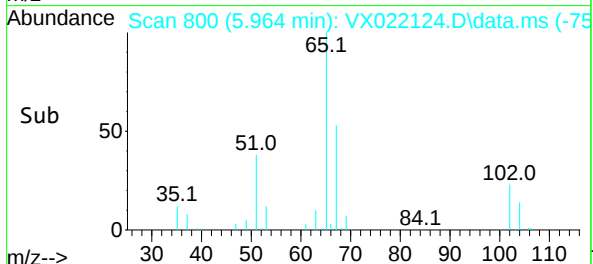
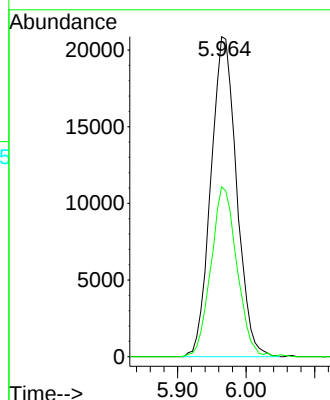
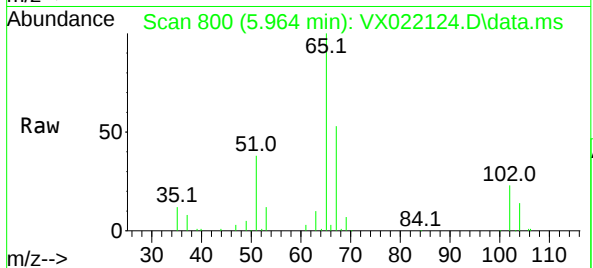
Acq: 21 May 2021 18:37

Tgt Ion: 65 Resp: 54376

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.006 min

Lab File: VX022124.D

Acq: 21 May 2021 18:37

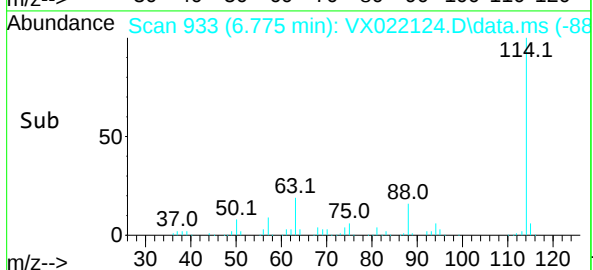
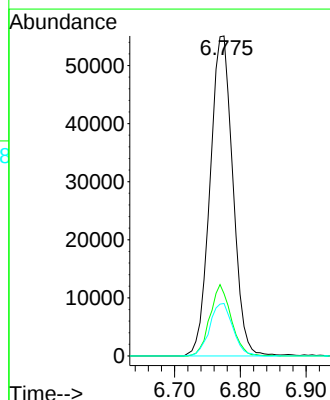
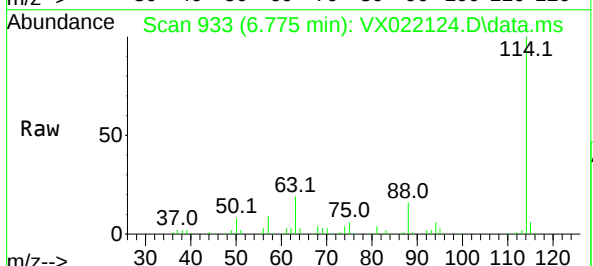
Tgt Ion: 114 Resp: 132736

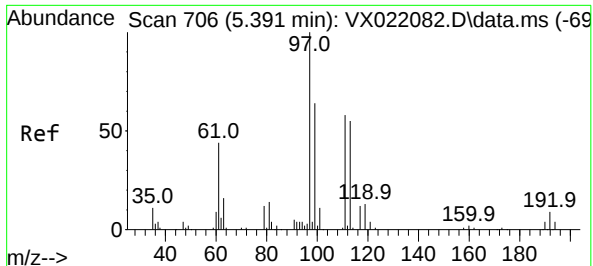
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.8

88 16.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.11 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022124.D

Acq: 21 May 2021 18:37

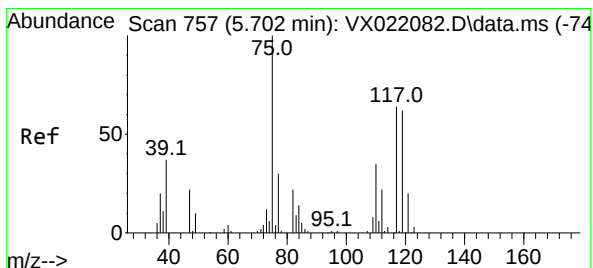
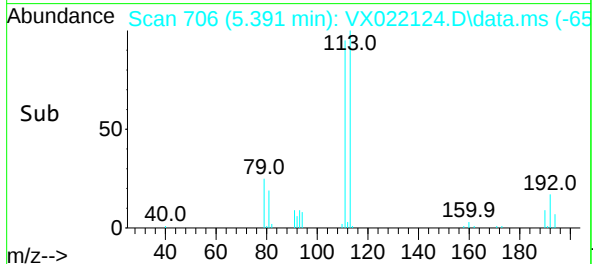
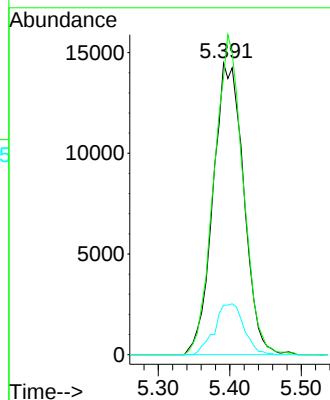
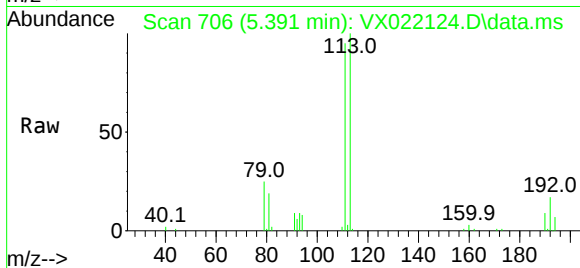
Tgt Ion:113 Resp: 43022

Ion Ratio Lower Upper

113 100

111 103.9 81.9 122.9

192 16.7 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.05 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022124.D

Acq: 21 May 2021 18:37

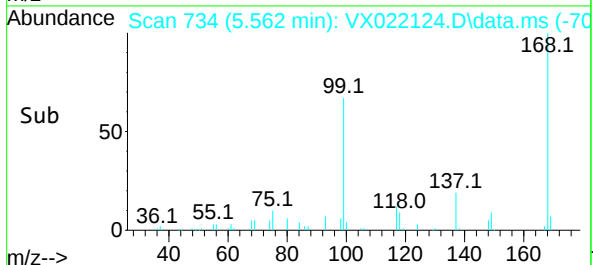
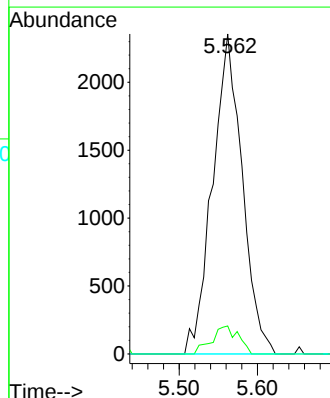
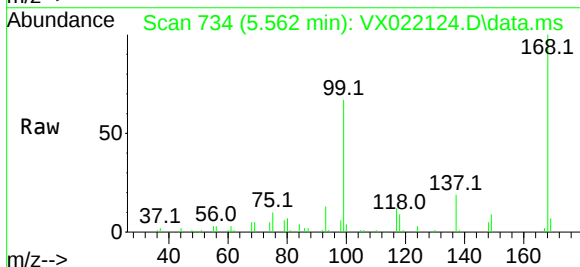
Tgt Ion: 75 Resp: 6195

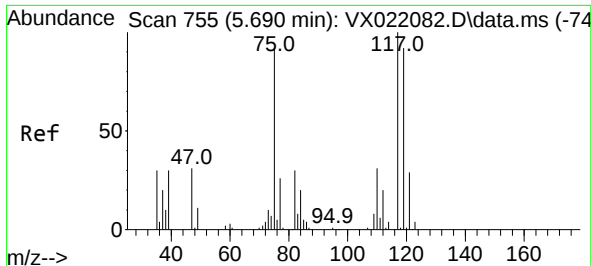
Ion Ratio Lower Upper

75 100

110 7.8 18.1 54.4#

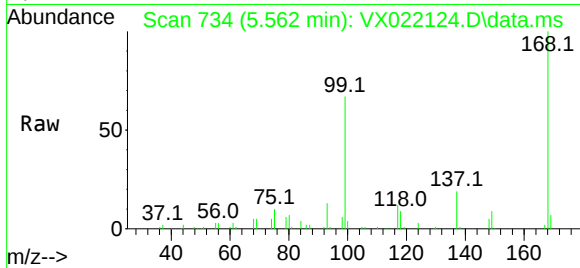
77 0.0 25.3 37.9#



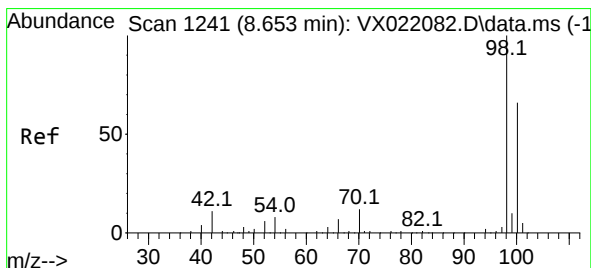
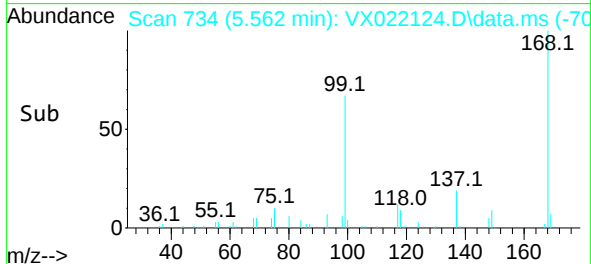
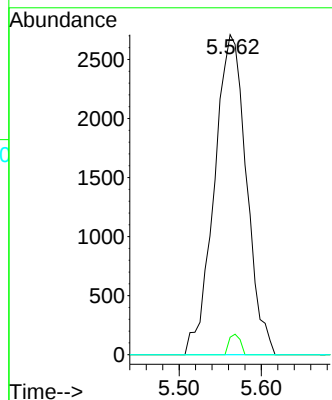


#38
Carbon Tetrachloride
Concen: 6.14 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022124.D
Acq: 21 May 2021 18:37

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

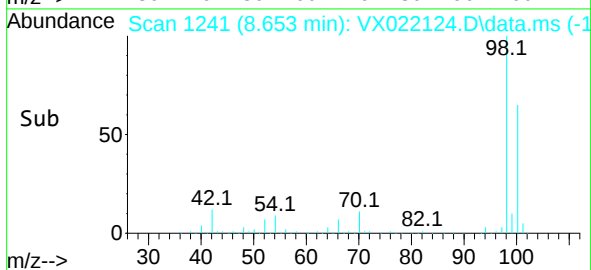
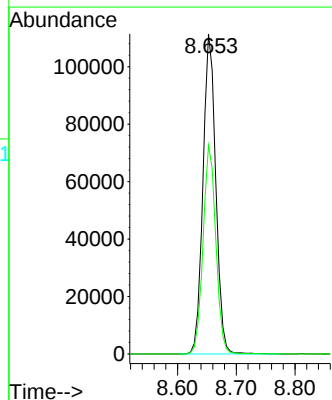
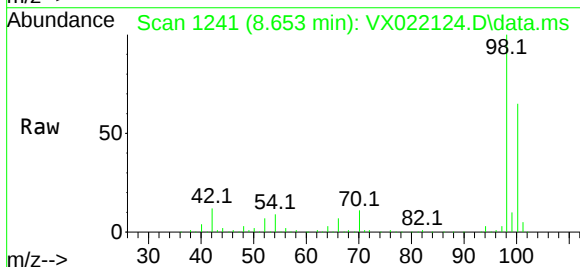


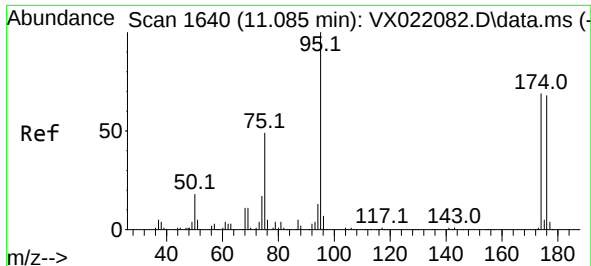
Tgt Ion: 117 Resp: 7368
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.01 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022124.D
Acq: 21 May 2021 18:37

Tgt Ion: 98 Resp: 168628
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

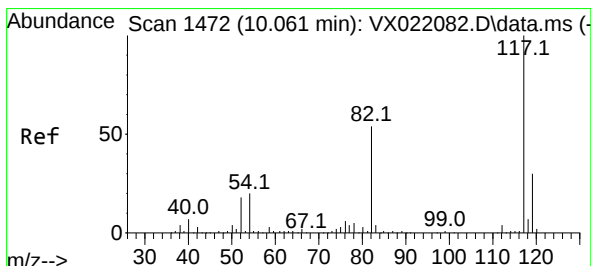
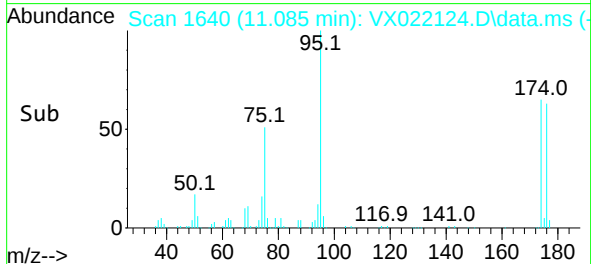
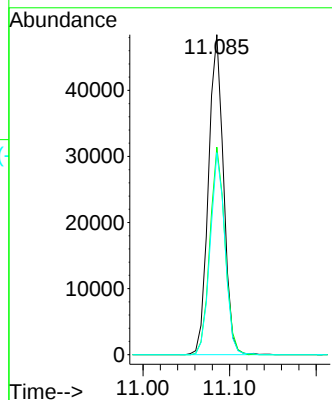
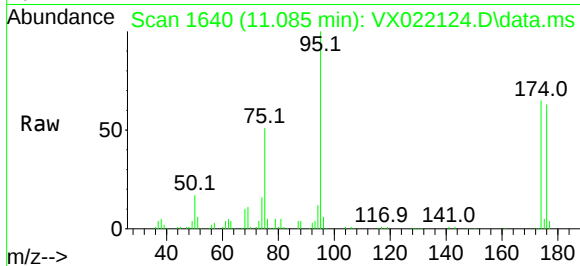




#62
4-Bromofluorobenzene
Concen: 48.76 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022124.D
Acq: 21 May 2021 18:37

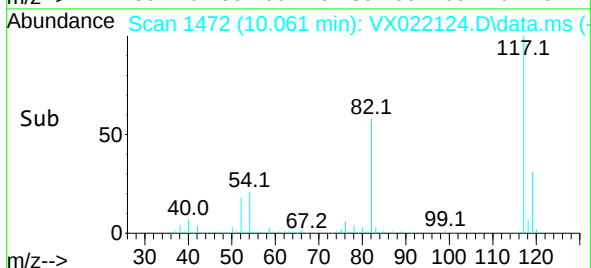
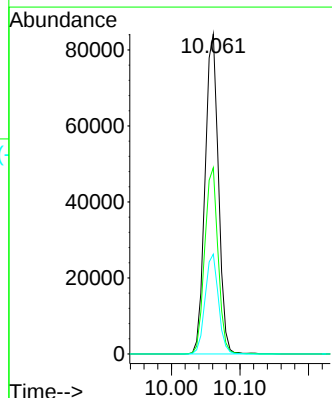
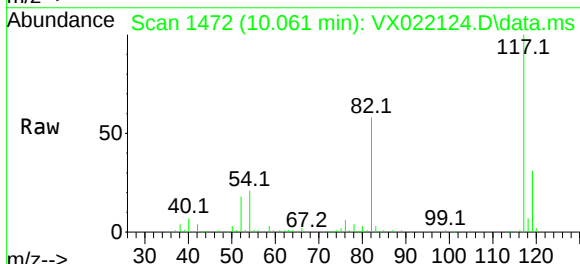
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

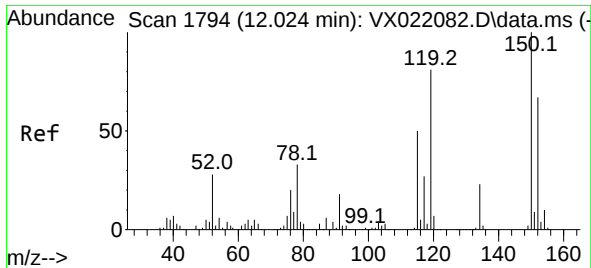
Tgt Ion: 95 Resp: 58444
Ion Ratio Lower Upper
95 100
174 64.5 0.0 154.6
176 61.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022124.D
Acq: 21 May 2021 18:37

Tgt Ion: 117 Resp: 114482
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 31.2 26.6 39.8

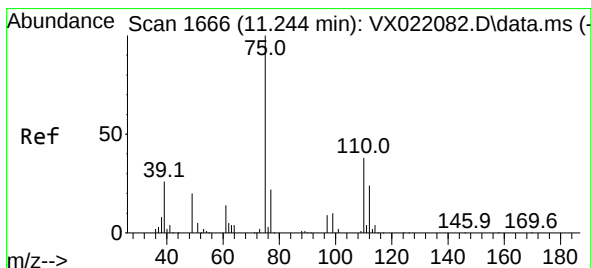
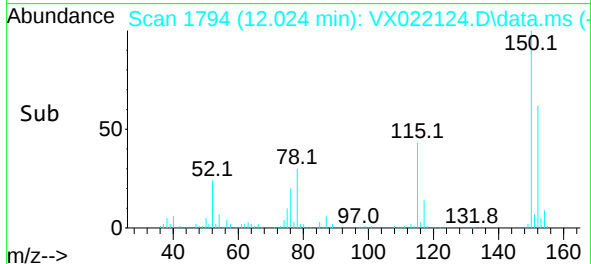
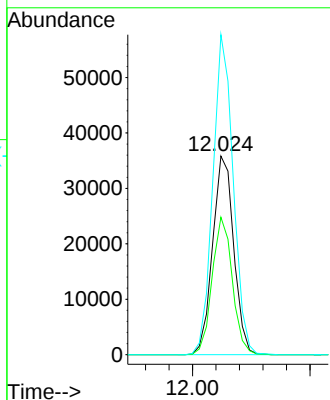
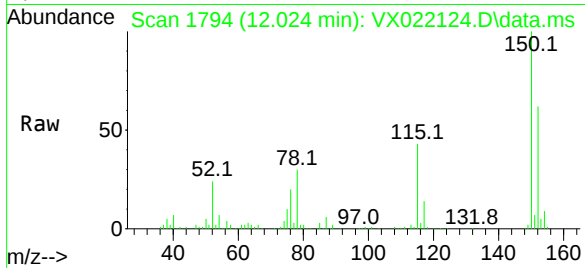




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022124.D
 Acq: 21 May 2021 18:37

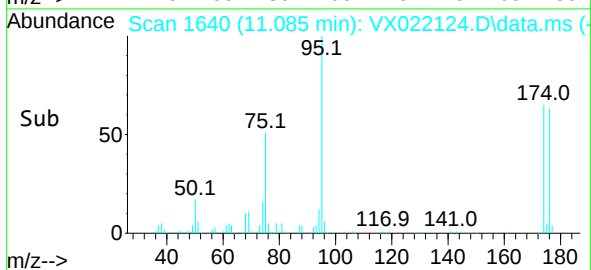
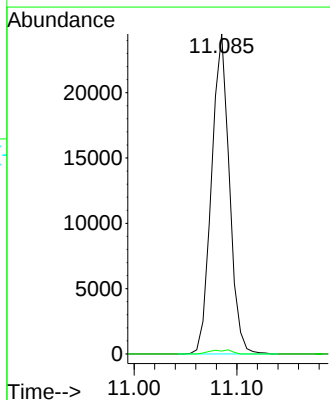
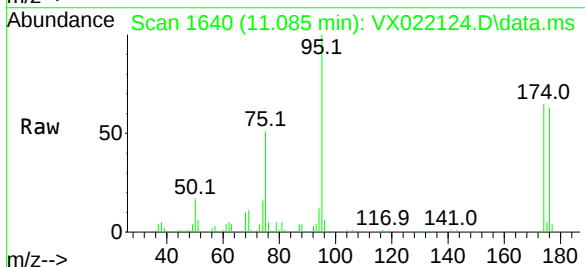
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

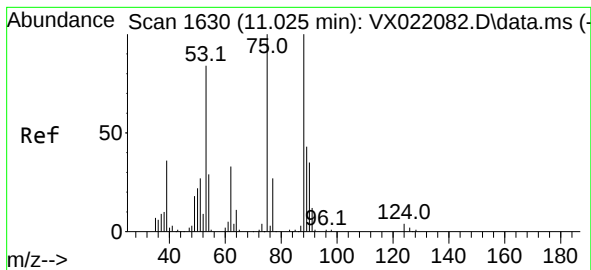
Tgt Ion:152 Resp: 44833
 Ion Ratio Lower Upper
 152 100
 115 66.0 41.1 123.3
 150 155.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.61 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022124.D
 Acq: 21 May 2021 18:37

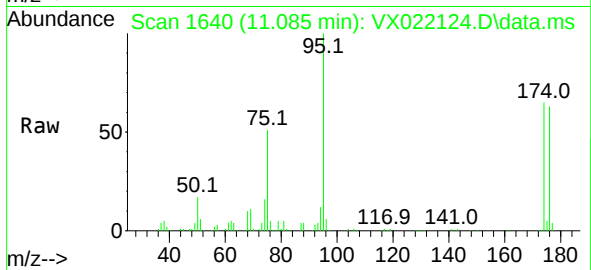
Tgt Ion: 75 Resp: 29437
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.06 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022124.D
 Acq: 21 May 2021 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4



Tgt Ion:	75	Resp:	29437
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.2	37.9	56.9#

