

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120921\
 Data File : VW023861.D
 Acq On : 09 Dec 2021 15:08
 Operator : SY/MD
 Sample : M4984-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 10 00:42:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	104067	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	103191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49962	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	28472	3.333	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.600%	
7) Chloroethane-d5	1.568	69	26207	3.903	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.000%	
11) 1,1-Dichloroethene-d2	2.108	63	44627	2.964	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.200%#	
20) 2-Butanone-d5	3.905	46	45663	44.462	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.920%	
24) Chloroform-d	4.349	84	73495	4.940	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4	5.037	65	34876	5.018	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	5.050	84	131330	4.672	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.072	67	39452	5.006	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.317	98	114485	4.359	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
43) trans-1,3-Dichloroprop...	7.625	79	14168	4.460	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.091	63	64085	60.721	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	121.440%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28835	5.085	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49486	5.602	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.000%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	1340	0.192	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	3795	0.266	ug/L #	93
18) trans-1,2-Dichloroethene	2.773	96	957	0.121	ug/L	82
19) 1,1-Dichloroethane	3.198	63	3964	0.297	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	8750	1.149	ug/L	98
25) Chloroform	4.381	83	7734	0.520	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	11031	0.818	ug/L	98
34) Trichloroethene	5.918	95	8674	1.101	ug/L	96
35) Methylcyclohexane	6.069	83	10341	0.842	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	4476	0.640	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1118	0.112	ug/L	89
42) Toluene	7.400	91	2034	0.064	ug/L #	66
47) Tetrachloroethene	7.979	164	6919	0.965	ug/L	88
48) 2-Hexanone	8.091	43	8174	3.313	ug/L #	66
49) Dibromochloromethane	7.976	129	6685	1.007	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	5396	1.523	ug/L #	62

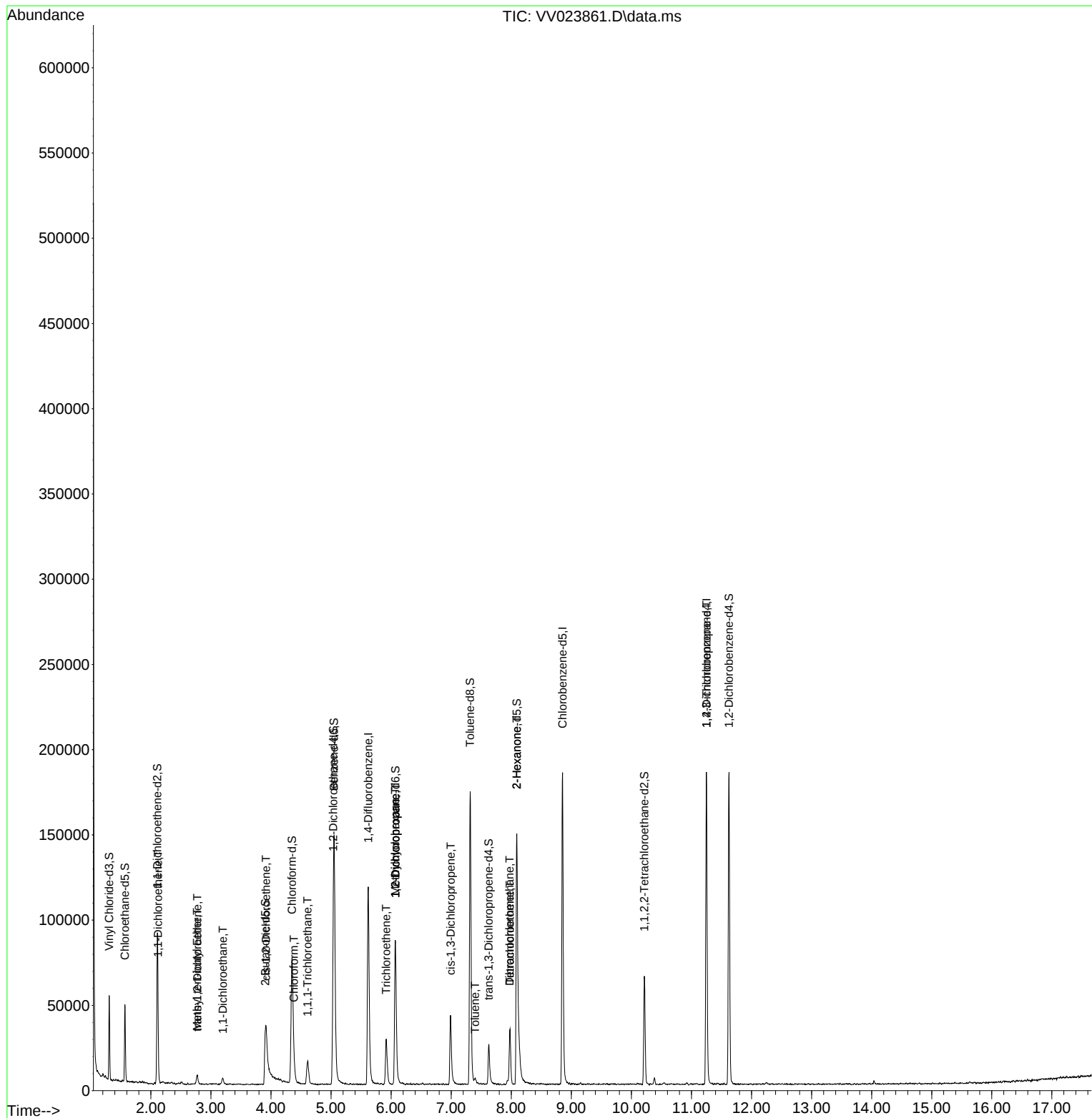
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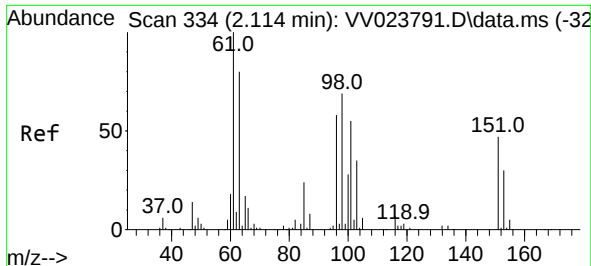
Instrument :
MSVOA_V
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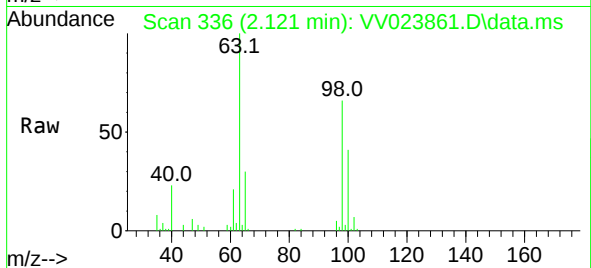
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration



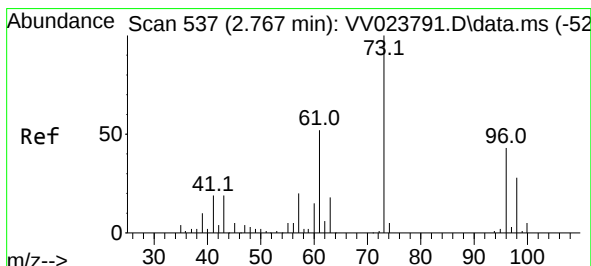
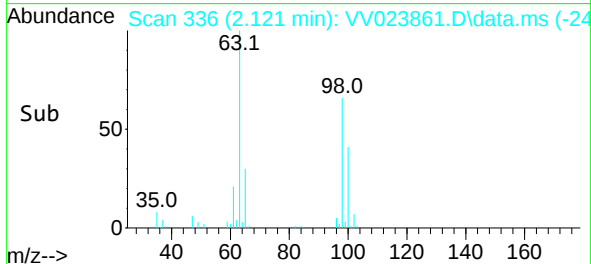
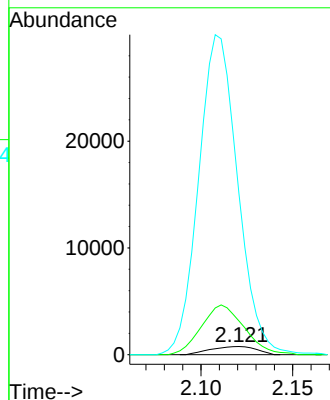


#12
1,1-Dichloroethene
Concen: 0.192 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV023861.D
Acq: 09 Dec 2021 15:08

Instrument :
MSVOA_V
ClientSampleId :

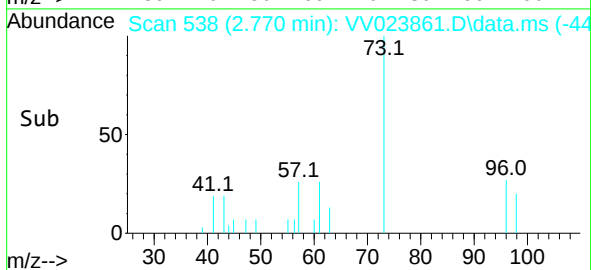
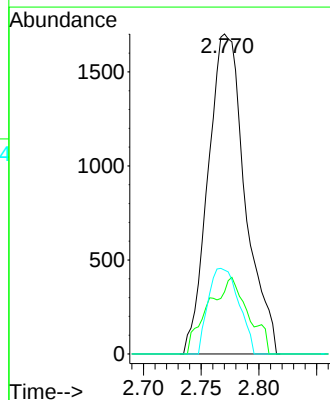
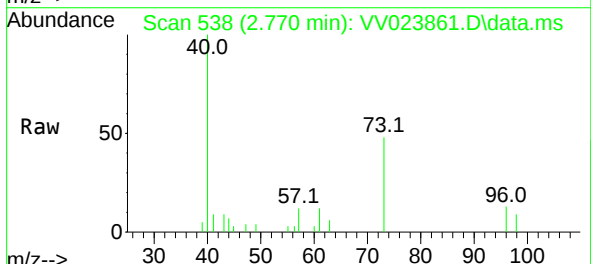


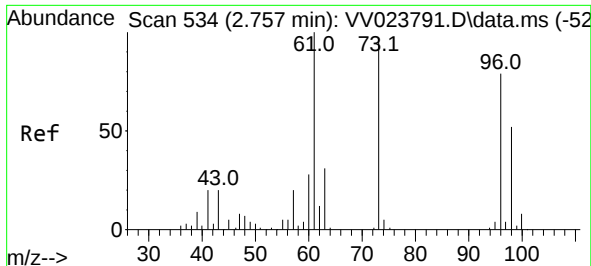
Tgt Ion: 96 Resp: 1340
Ion Ratio Lower Upper
96 100
61 413.3 116.1 215.5#
63 1975.7 79.4 147.4#



#17
Methyl tert-butyl Ether
Concen: 0.266 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023861.D
Acq: 09 Dec 2021 15:08

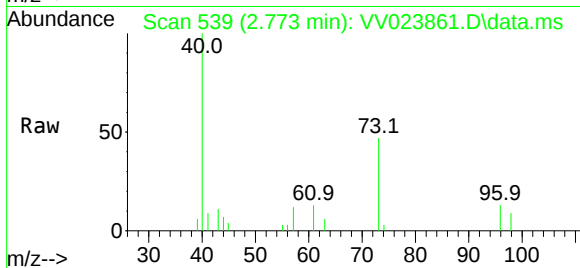
Tgt Ion: 73 Resp: 3795
Ion Ratio Lower Upper
73 100
43 25.8 15.5 23.3#
57 22.0 17.1 25.7





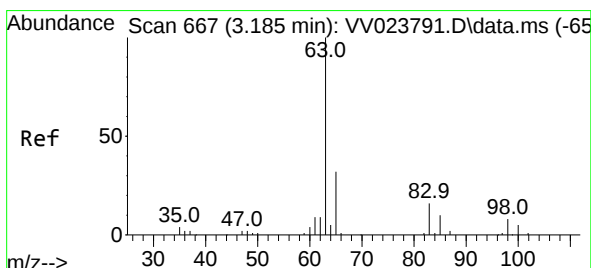
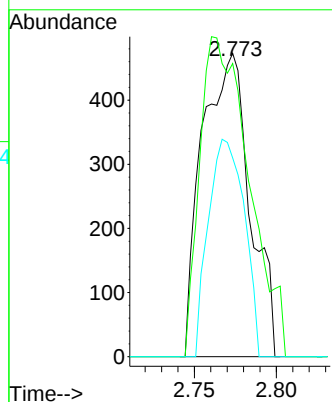
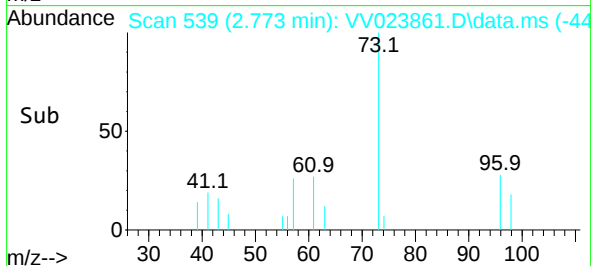
#18
 trans-1,2-Dichloroethene
 Concen: 0.121 ug/L
 RT: 2.773 min Scan# 518
 Delta R.T. 0.016 min
 Lab File: VV023861.D
 Acq: 09 Dec 2021 15:08

Instrument :
 MSVOA_V
 ClientSampleId :

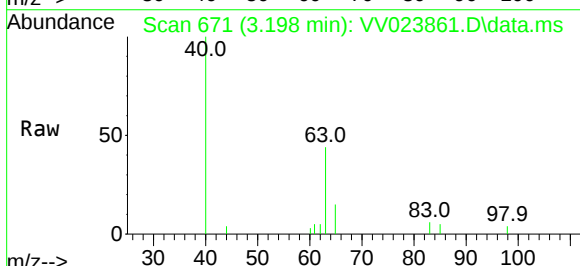


Tgt Ion: 96 Resp: 957

Ion	Ratio	Lower	Upper
96	100		
61	96.6	88.2	163.8
98	65.5	44.9	83.5

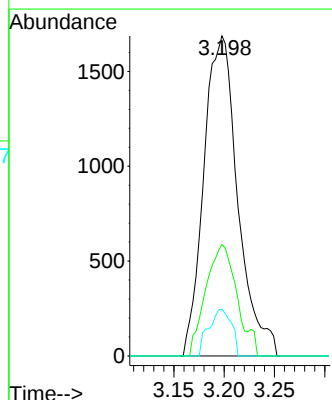
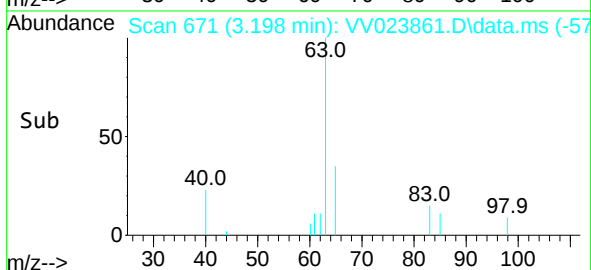


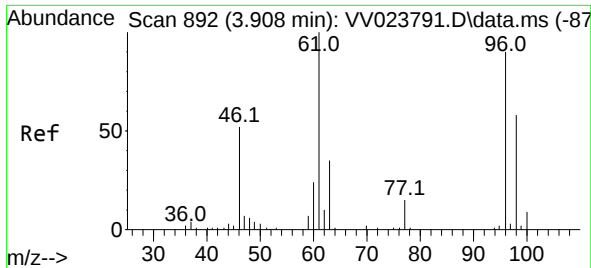
#19
 1,1-Dichloroethane
 Concen: 0.297 ug/L
 RT: 3.198 min Scan# 671
 Delta R.T. 0.013 min
 Lab File: VV023861.D
 Acq: 09 Dec 2021 15:08



Tgt Ion: 63 Resp: 3964

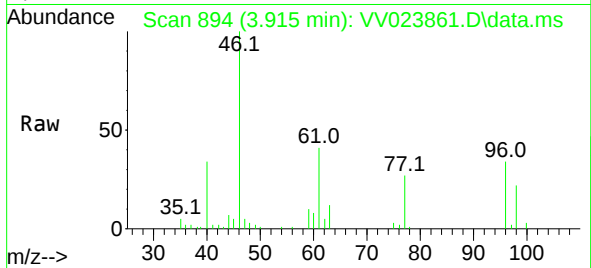
Ion	Ratio	Lower	Upper
63	100		
65	34.8	22.3	41.3
83	14.6	10.7	19.9



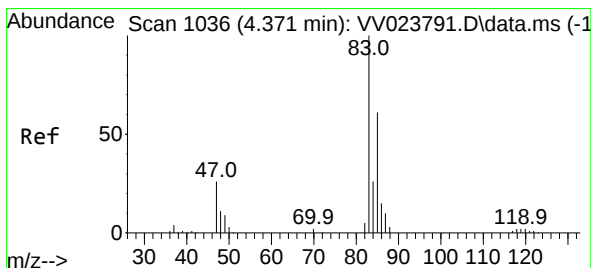
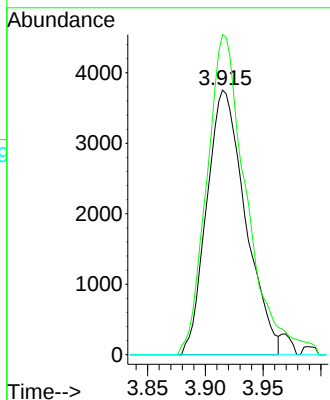
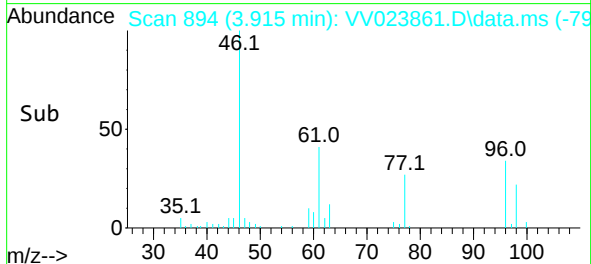


#22
 cis-1,2-Dichloroethene
 Concen: 1.149 ug/L
 RT: 3.915 min Scan# 892
 Delta R.T. 0.006 min
 Lab File: VV023861.D
 Acq: 09 Dec 2021 15:08

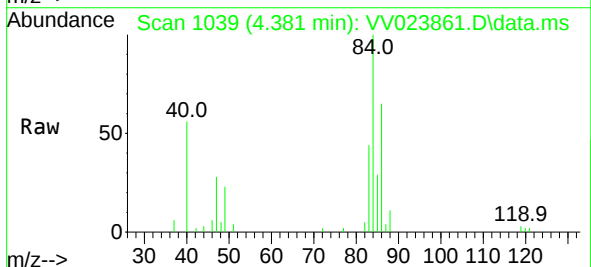
Instrument :
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 ClientSampleId :



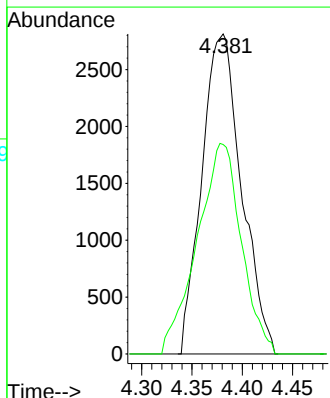
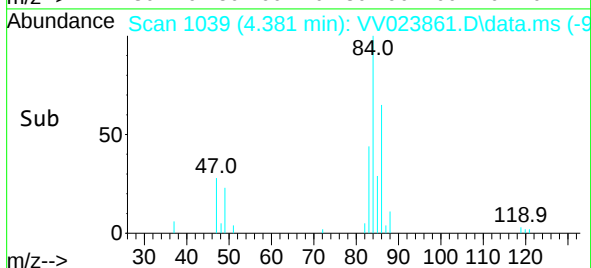
Tgt Ion: 96 Resp: 8750
 Ion Ratio Lower Upper
 96 100
 61 120.9 83.4 154.8
 68 0.0 0.0 0.0

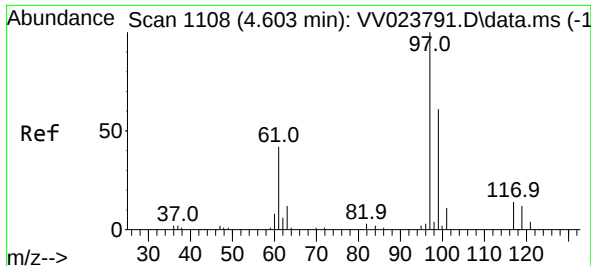


#25
 Chloroform
 Concen: 0.520 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.010 min
 Lab File: VV023861.D
 Acq: 09 Dec 2021 15:08



Tgt Ion: 83 Resp: 7734
 Ion Ratio Lower Upper
 83 100
 85 65.4 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.818 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV023861.D

Acq: 09 Dec 2021 15:08

Instrument :

MSVOA_V

ClientSampleId :

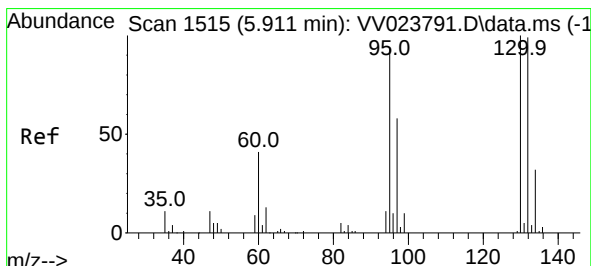
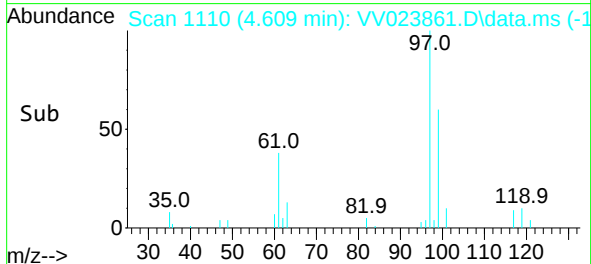
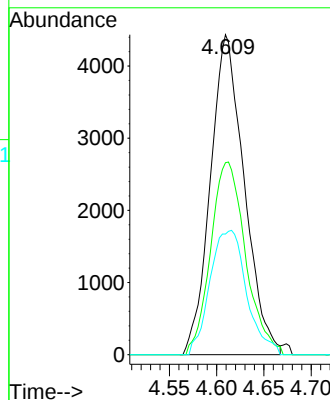
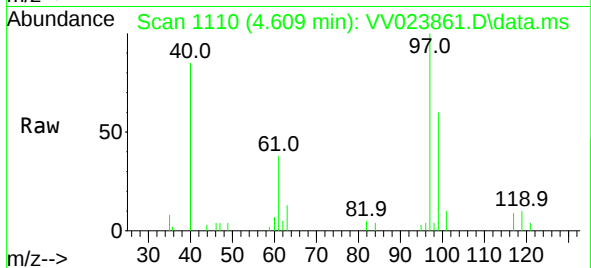
Tgt Ion: 97 Resp: 11031

Ion Ratio Lower Upper

97 100

99 62.1 51.9 77.9

61 42.0 33.2 49.8



#34

Trichloroethene

Concen: 1.101 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VV023861.D

Acq: 09 Dec 2021 15:08

Tgt Ion: 95 Resp: 8674

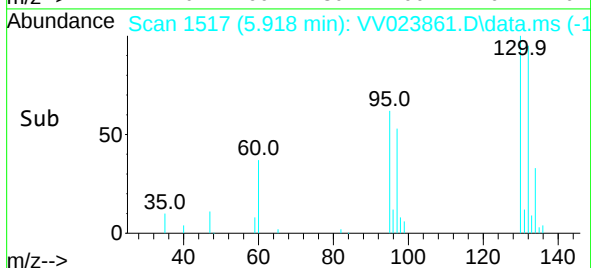
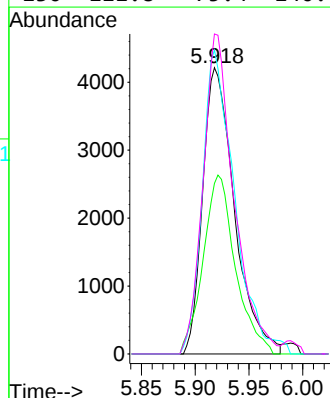
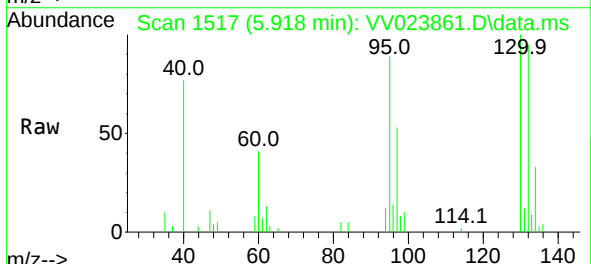
Ion Ratio Lower Upper

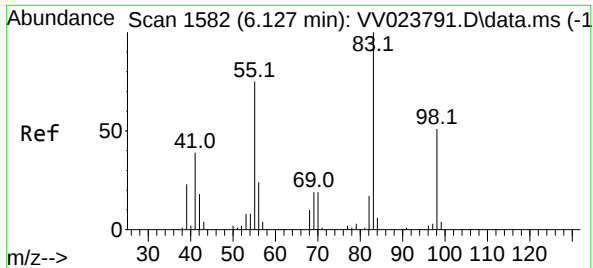
95 100

97 59.6 45.2 84.0

132 106.2 76.1 141.3

130 111.8 75.4 140.0

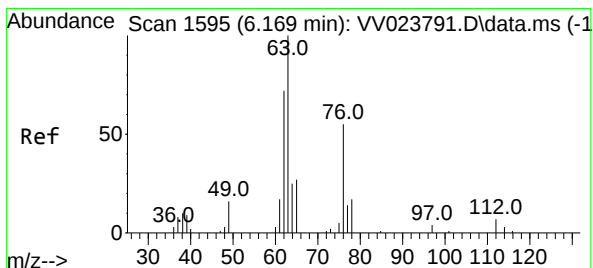
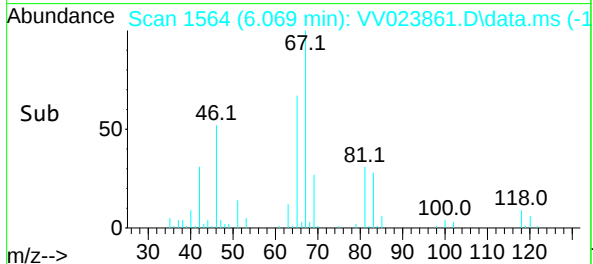
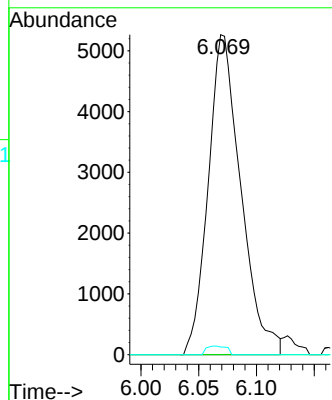
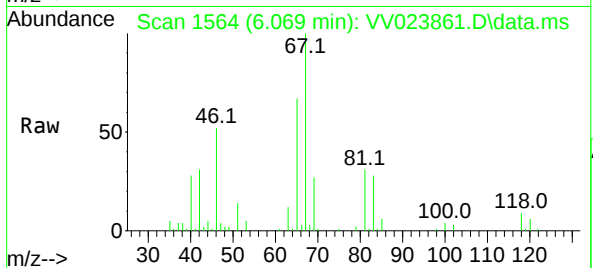




#35
Methylcyclohexane
Concen: 0.842 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV023861.D
Acq: 09 Dec 2021 15:08

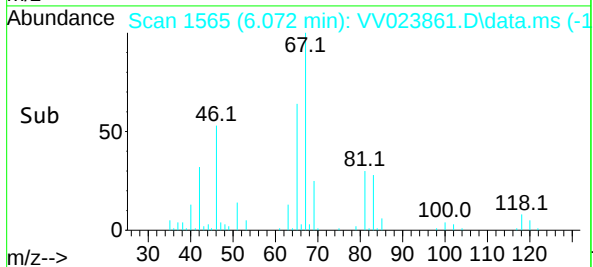
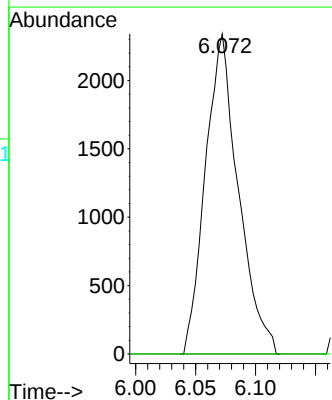
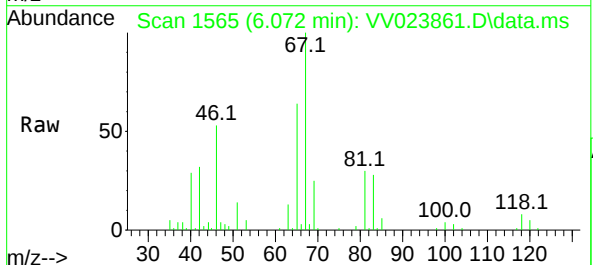
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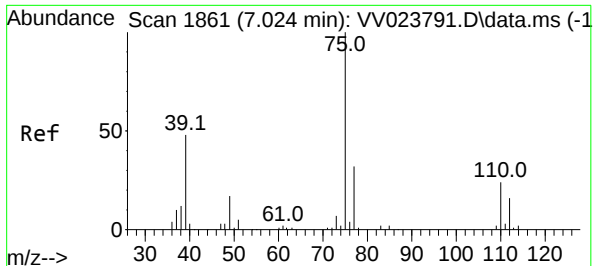
Tgt Ion: 83 Resp: 10341
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 1.7 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.096 min
Lab File: VV023861.D
Acq: 09 Dec 2021 15:08

Tgt Ion: 63 Resp: 4476
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV023861.D

Acq: 09 Dec 2021 15:08

Instrument :

MSVOA_V

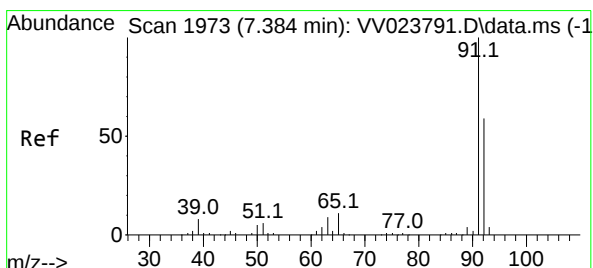
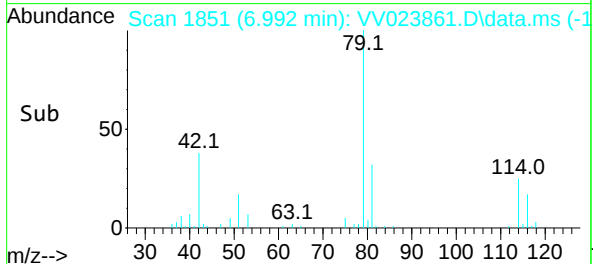
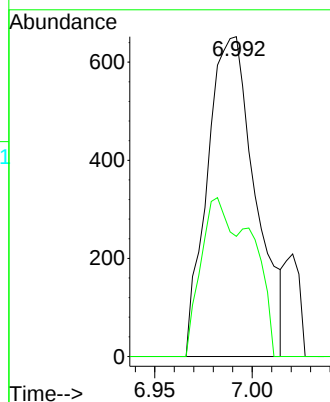
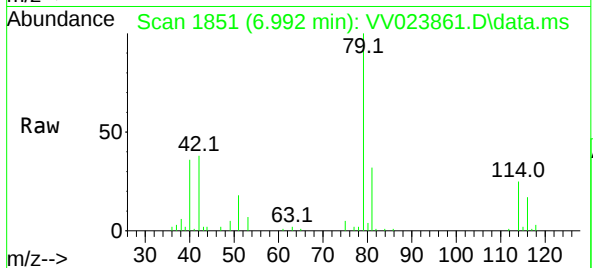
ClientSampleId :

Tgt Ion: 75 Resp: 1118

Ion Ratio Lower Upper

75 100

77 37.6 22.0 41.0



#42

Toluene

Concen: 0.064 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV023861.D

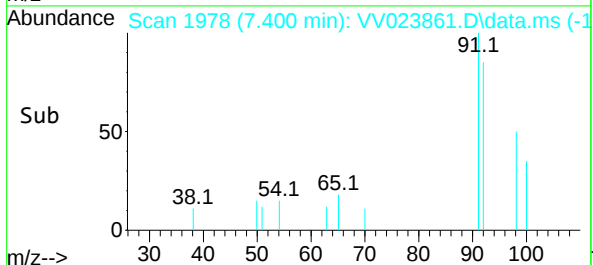
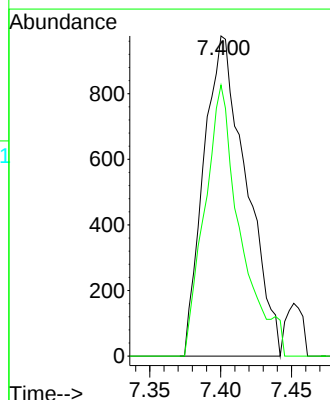
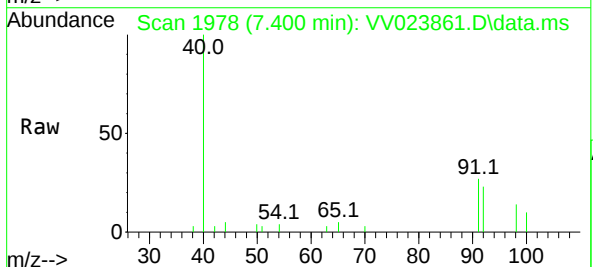
Acq: 09 Dec 2021 15:08

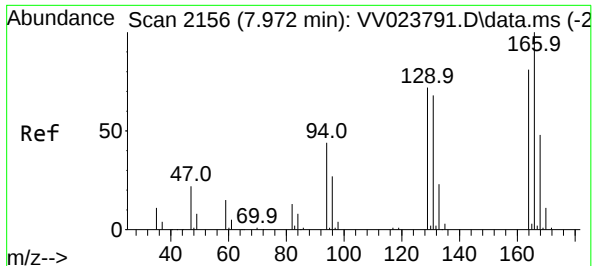
Tgt Ion: 91 Resp: 2034

Ion Ratio Lower Upper

91 100

92 84.6 41.5 77.1#





#47

Tetrachloroethene

Concen: 0.965 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.006 min

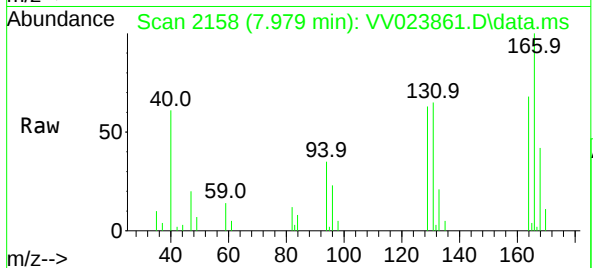
Lab File: VV023861.D

Acq: 09 Dec 2021 15:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 6919

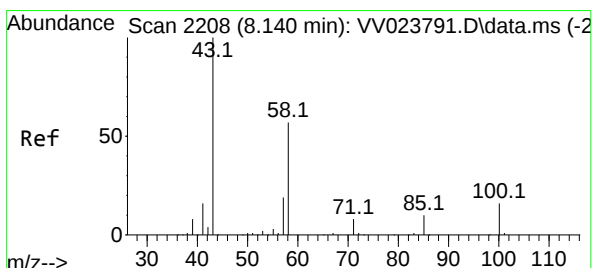
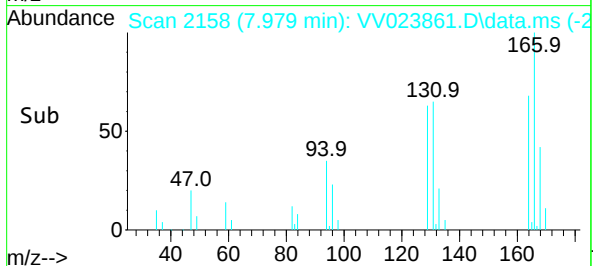
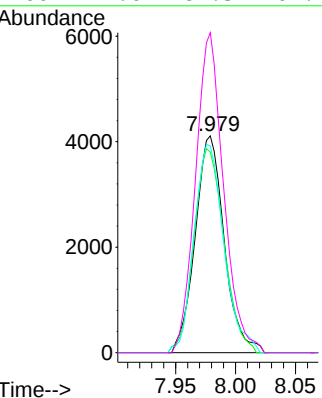
Ion Ratio Lower Upper

164 100

129 92.6 62.6 116.2

131 95.4 61.0 113.4

166 147.6 87.3 162.1



#48

2-Hexanone

Concen: 3.313 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. -0.048 min

Lab File: VV023861.D

Acq: 09 Dec 2021 15:08

Tgt Ion: 43 Resp: 8174

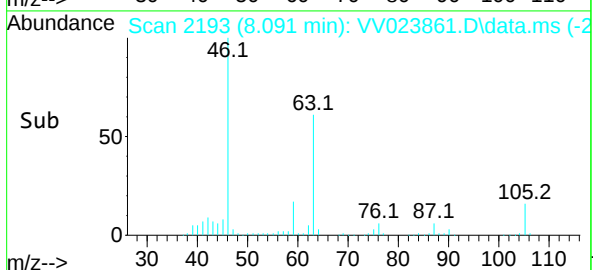
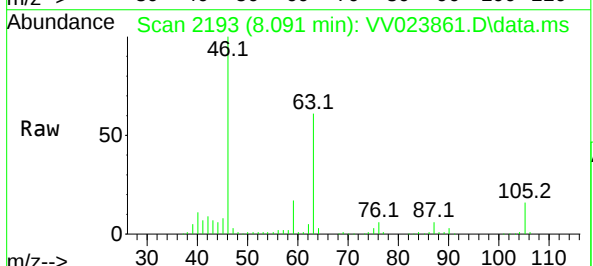
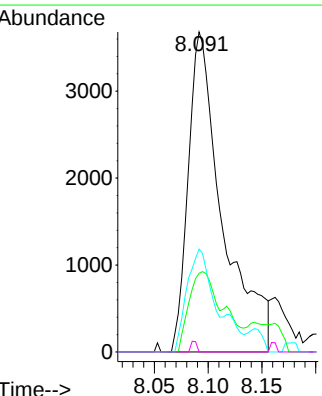
Ion Ratio Lower Upper

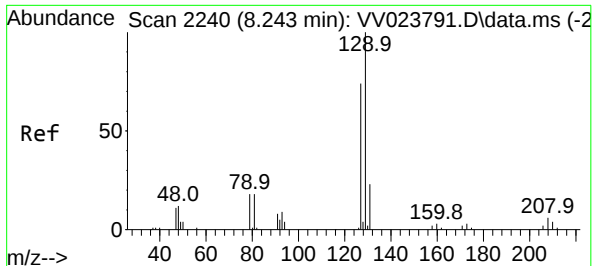
43 100

58 25.3 44.5 66.7#

57 23.7 15.1 22.7#

100 0.6 10.7 16.1#





#49

Dibromochloromethane

Concen: 1.007 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV023861.D

Acq: 09 Dec 2021 15:08

Instrument :

MSVOA_V

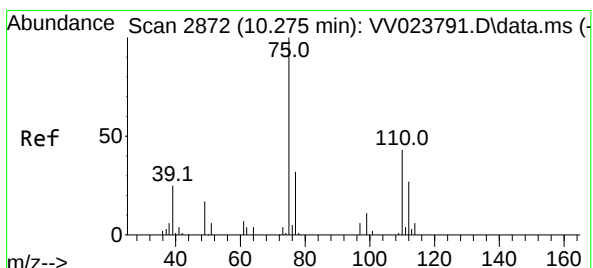
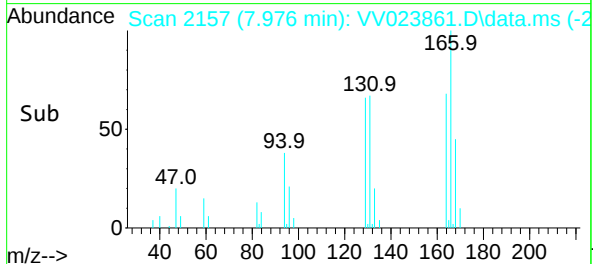
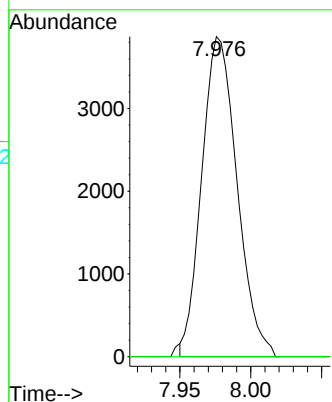
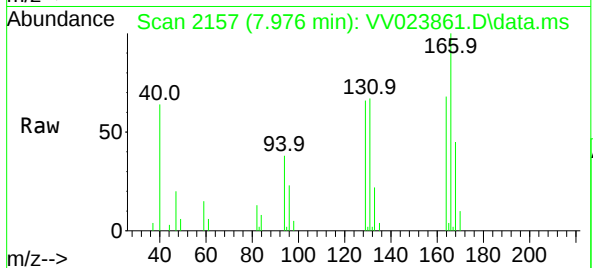
ClientSampleId :

Tgt Ion:129 Resp: 6685

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.523 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV023861.D

Acq: 09 Dec 2021 15:08

Tgt Ion: 75 Resp: 5396

Ion Ratio Lower Upper

75 100

77 32.1 26.4 39.6

110 0.0 34.2 51.2#

