

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061022\
 Data File : VW026100.D
 Acq On : 10 Jun 2022 18:06
 Operator : SY/MD
 Sample : N3247-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 11 01:27:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 11 01:25:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	182609	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	176982	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72682	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	38570	3.598	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.000%	
7) Chloroethane-d5	1.577	69	50260	4.485	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.600%	
11) 1,1-Dichloroethene-d2	2.118	63	65737	2.655	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	53.000%#	
20) 2-Butanone-d5	3.909	46	118319	74.629	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	149.260%#	
24) Chloroform-d	4.359	84	121370	5.342	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.800%	
26) 1,2-Dichloroethane-d4	5.040	65	54793	5.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	118.200%	
32) Benzene-d6	5.056	84	199634	4.668	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
36) 1,2-Dichloropropane-d6	6.076	67	74199	5.608	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.200%	
41) Toluene-d8	7.320	98	146914	3.887	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.800%	
43) trans-1,3-Dichloroprop...	7.629	79	17615	4.522	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.092	63	99513	58.052	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.100%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52378	5.871	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	117.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	63583	5.718	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	114.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.320	62	852	0.041	ug/L #	8
17) Methyl tert-butyl Ether	2.783	73	987	0.041	ug/L #	75
18) trans-1,2-Dichloroethene	2.774	96	715	0.052	ug/L	93
19) 1,1-Dichloroethane	3.201	63	11654	0.463	ug/L	99
22) cis-1,2-Dichloroethene	3.925	96	11313	0.829	ug/L	91
25) Chloroform	4.388	83	6237	0.241	ug/L	90
27) 1,2-Dichloroethane	5.150	62	1709	0.134	ug/L #	72
29) 1,1,1-Trichloroethane	4.619	97	2950	0.127	ug/L	95
34) Trichloroethene	5.921	95	9337	0.643	ug/L	97
35) Methylcyclohexane	6.072	83	17650	0.788	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8127	0.603	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1388	0.084	ug/L #	43
47) Tetrachloroethene	7.982	164	3184	0.283	ug/L	95
49) Dibromochloromethane	7.979	129	3529	0.369	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	9070	1.599	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	12.252	75	333	0.330	ug/L #	1

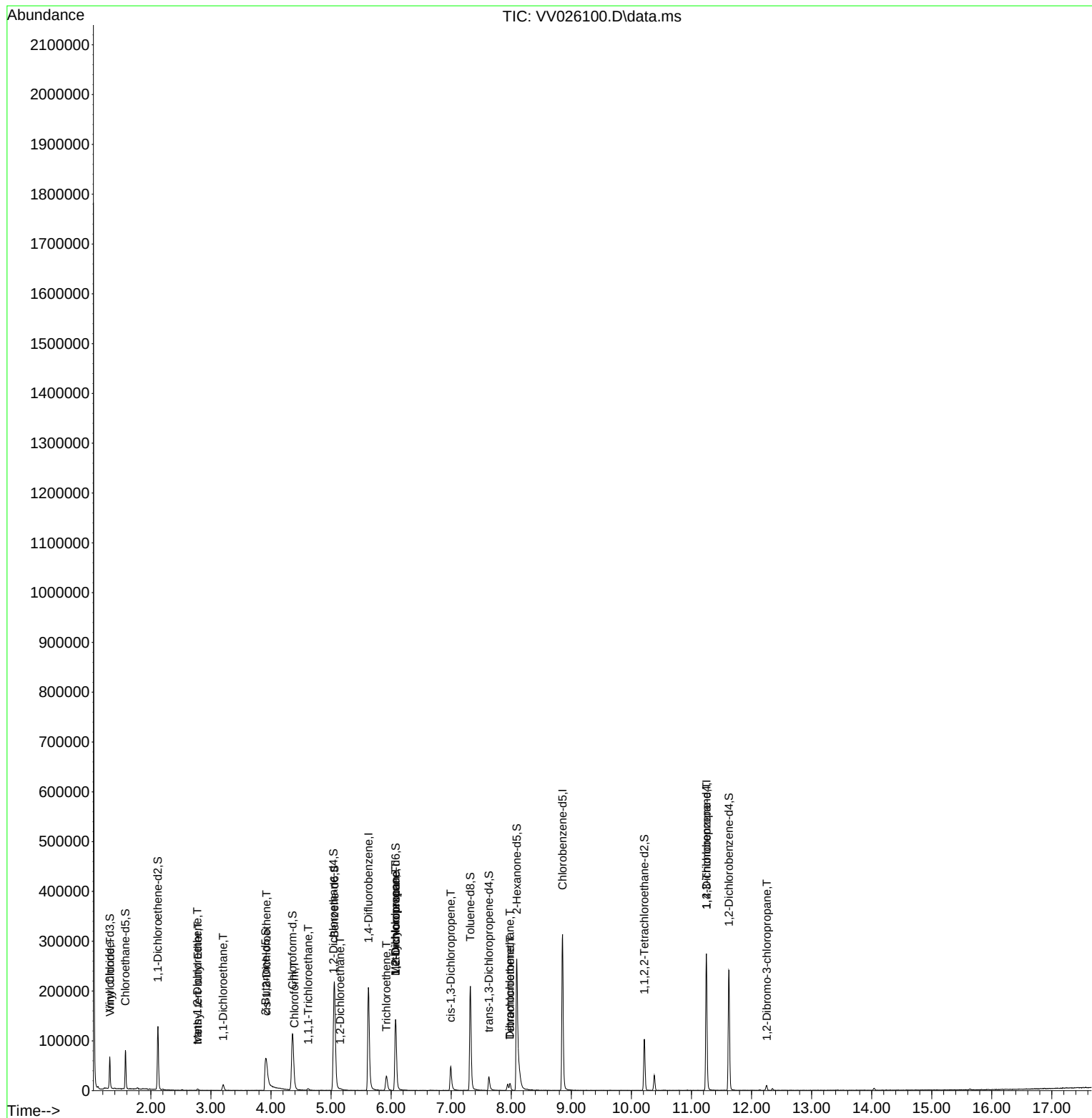
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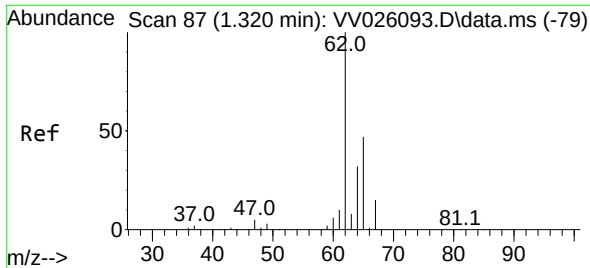
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061022\
Data File : VV026100.D
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ClientSampleId :

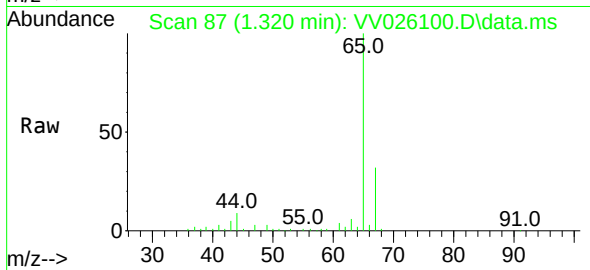
Quant Time: Jun 11 01:27:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 11 01:25:15 2022
Response via : Initial Calibration



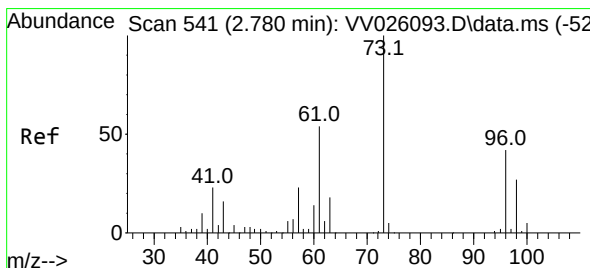
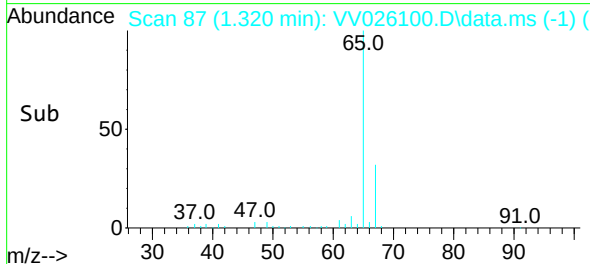
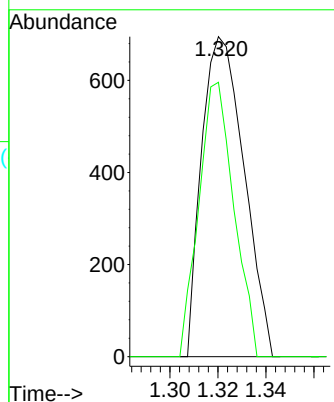


#5
 Vinyl chloride
 Concen: 0.041 ug/L
 RT: 1.320 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV026100.D
 Acq: 10 Jun 2022 18:06

Instrument :
 MSVOA_V
 ClientSampleId :

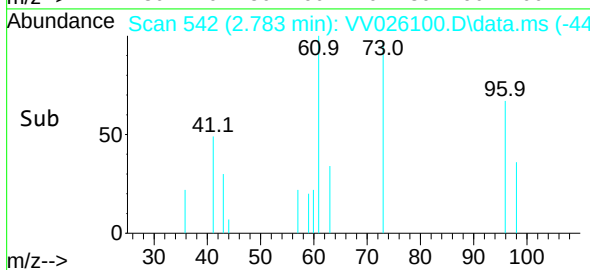
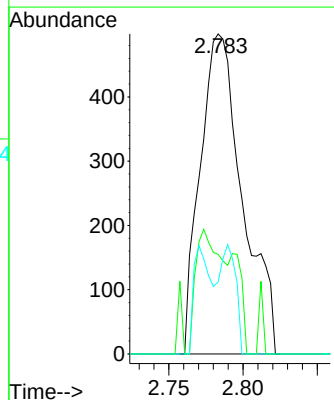
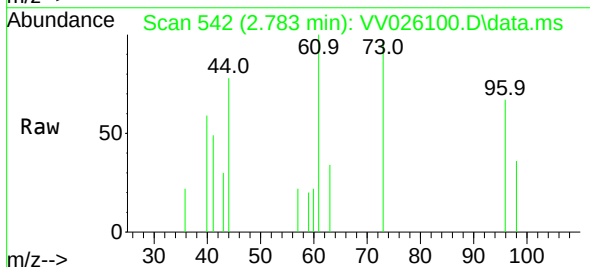


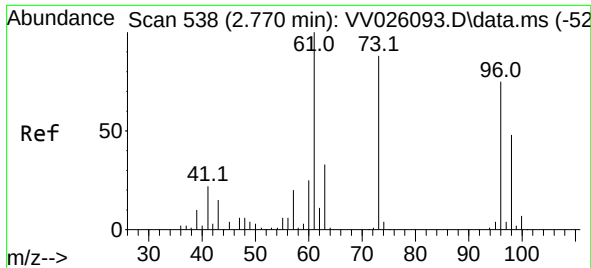
Tgt Ion: 62 Resp: 852
 Ion Ratio Lower Upper
 62 100
 64 85.8 23.4 43.4#



#17
 Methyl tert-butyl Ether
 Concen: 0.041 ug/L
 RT: 2.783 min Scan# 542
 Delta R.T. 0.003 min
 Lab File: VV026100.D
 Acq: 10 Jun 2022 18:06

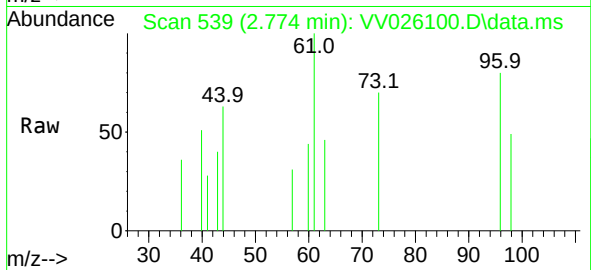
Tgt Ion: 73 Resp: 987
 Ion Ratio Lower Upper
 73 100
 43 2.2 13.7 20.5#
 57 13.5 17.8 26.6#



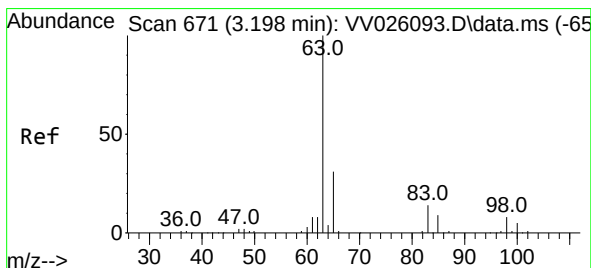
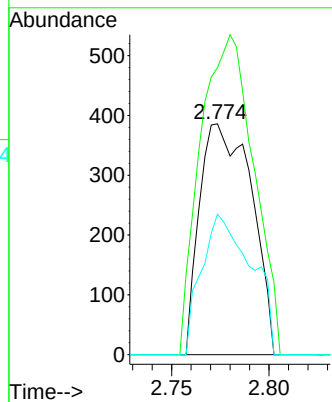
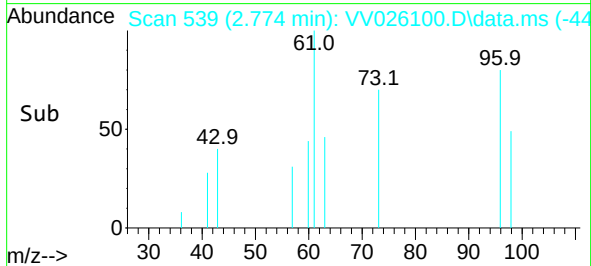


#18
 trans-1,2-Dichloroethene
 Concen: 0.052 ug/L
 RT: 2.774 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VV026100.D
 Acq: 10 Jun 2022 18:06

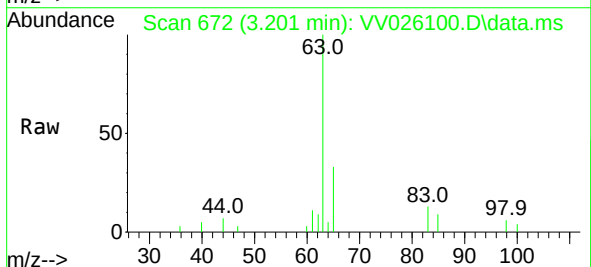
Instrument :
 MSVOA_V
 ClientSampleId :



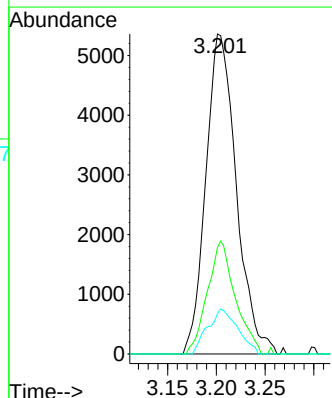
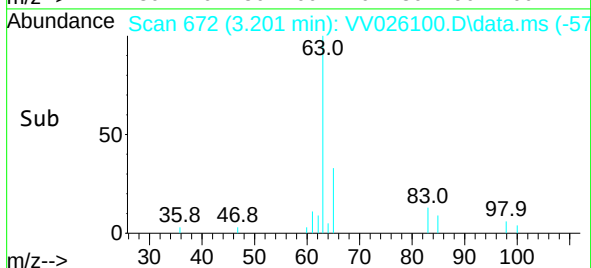
Tgt Ion: 96	Resp: 715		
Ion Ratio	Lower	Upper	
96	100		
61	124.4	94.3	175.1
98	60.9	44.4	82.5

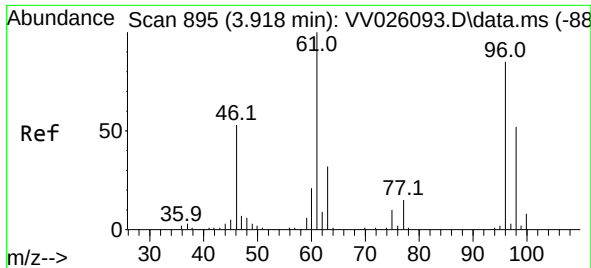


#19
 1,1-Dichloroethane
 Concen: 0.463 ug/L
 RT: 3.201 min Scan# 672
 Delta R.T. 0.003 min
 Lab File: VV026100.D
 Acq: 10 Jun 2022 18:06



Tgt Ion: 63	Resp: 11654		
Ion Ratio	Lower	Upper	
63 100			
65 33.3	23.1	42.9	
83 12.6	9.7	18.1	

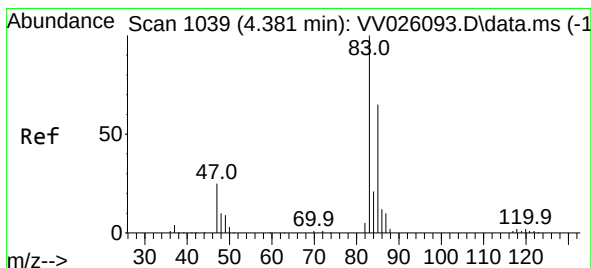
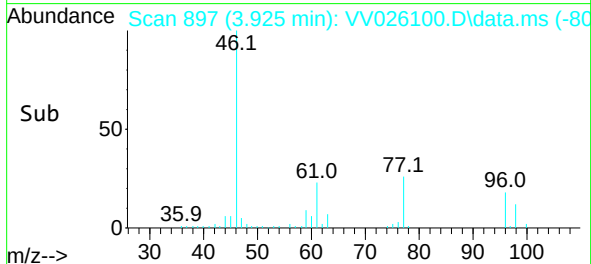
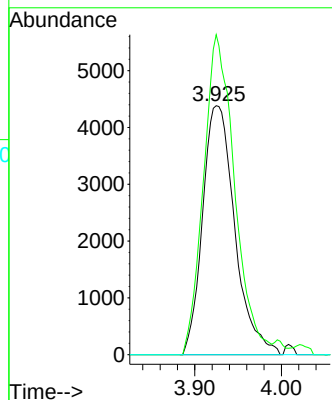
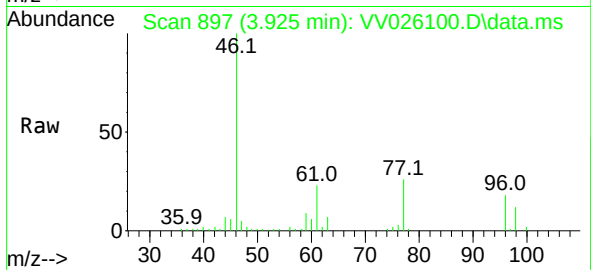




#22
 cis-1,2-Dichloroethene
 Concen: 0.829 ug/L
 RT: 3.925 min Scan# 89
 Delta R.T. 0.007 min
 Lab File: VV026100.D
 Acq: 10 Jun 2022 18:06

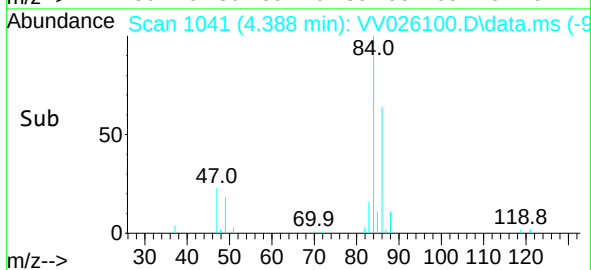
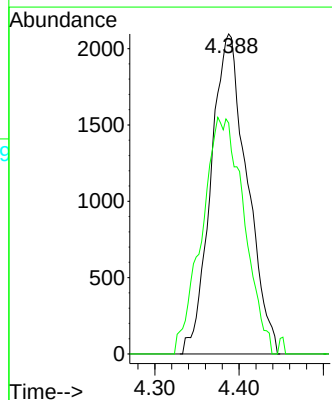
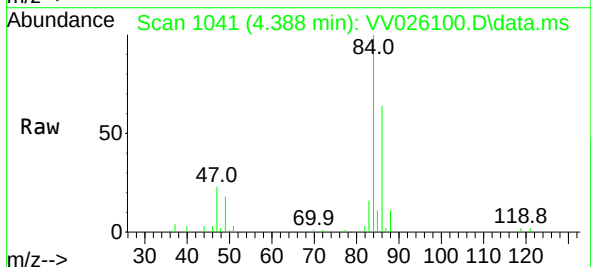
Instrument :
 MSVOA_V
 ClientSampleId :

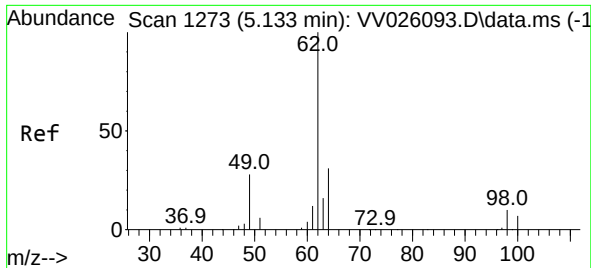
Tgt Ion: 96 Resp: 11313
 Ion Ratio Lower Upper
 96 100
 61 128.5 83.1 154.3
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.241 ug/L
 RT: 4.388 min Scan# 1041
 Delta R.T. 0.007 min
 Lab File: VV026100.D
 Acq: 10 Jun 2022 18:06

Tgt Ion: 83 Resp: 6237
 Ion Ratio Lower Upper
 83 100
 85 72.1 45.2 84.0





#27

1,2-Dichloroethane

Concen: 0.134 ug/L

RT: 5.150 min Scan# 1113

Delta R.T. 0.016 min

Lab File: VV026100.D

Acq: 10 Jun 2022 18:06

Instrument :

MSVOA_V

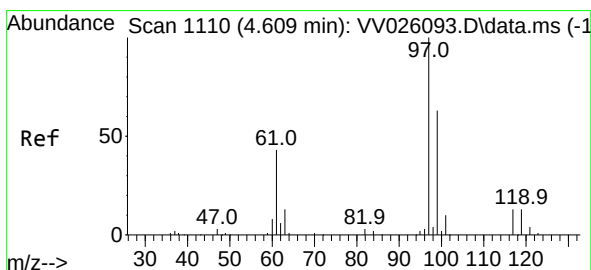
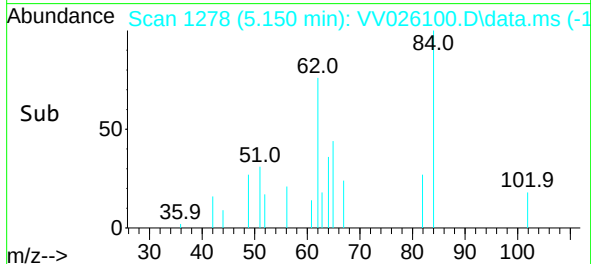
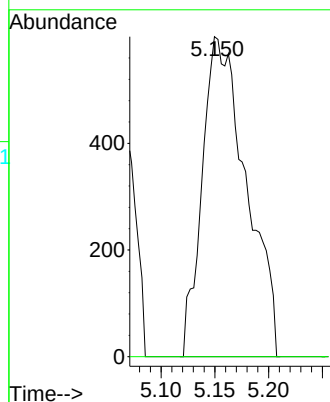
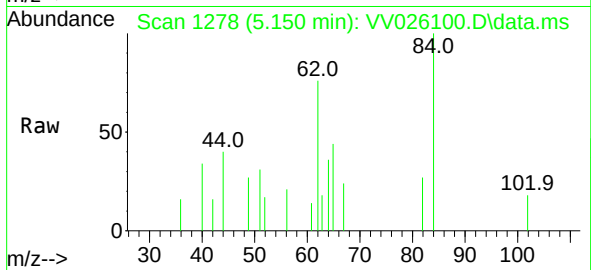
ClientSampleId :

Tgt Ion: 62 Resp: 1709

Ion Ratio Lower Upper

62 100

98 0.0 8.5 12.7#



#29

1,1,1-Trichloroethane

Concen: 0.127 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.010 min

Lab File: VV026100.D

Acq: 10 Jun 2022 18:06

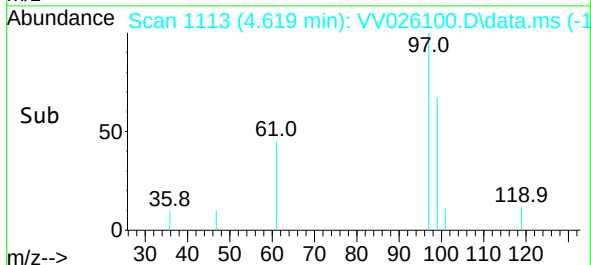
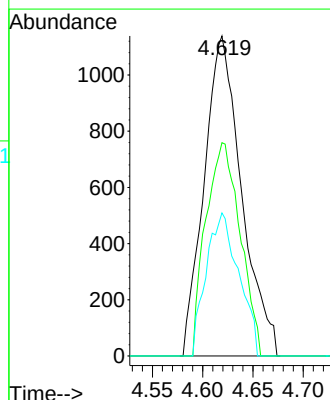
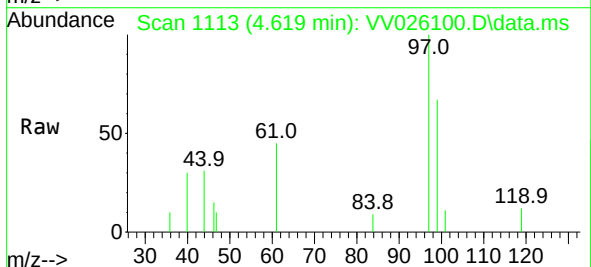
Tgt Ion: 97 Resp: 2950

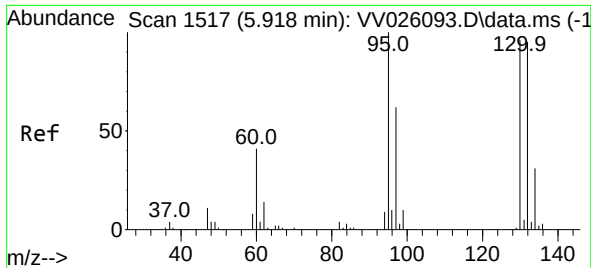
Ion Ratio Lower Upper

97 100

99 61.0 51.4 77.0

61 38.8 34.9 52.3



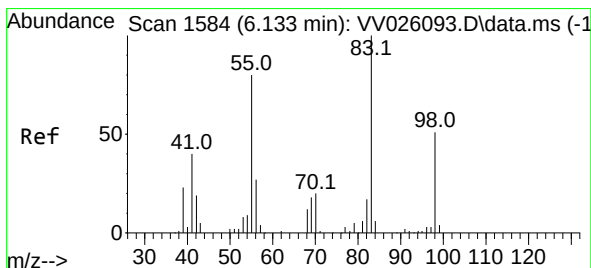
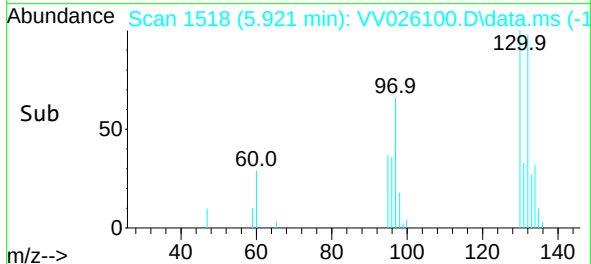
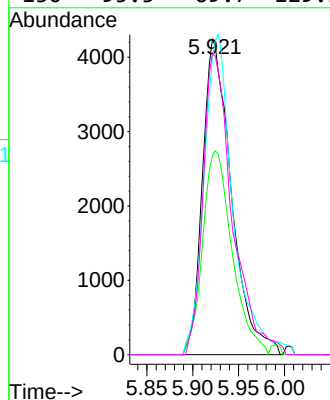
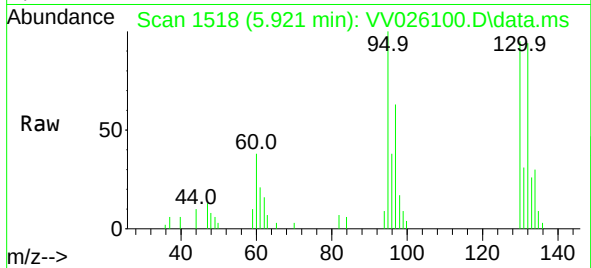


#34
Trichloroethene
Concen: 0.643 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026100.D
Acq: 10 Jun 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 9337

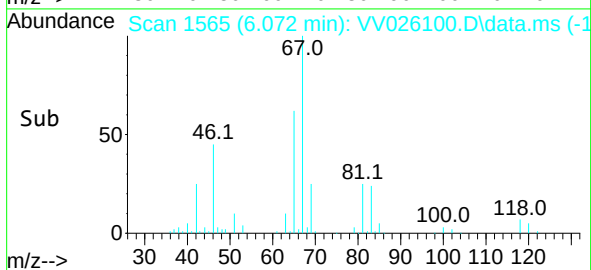
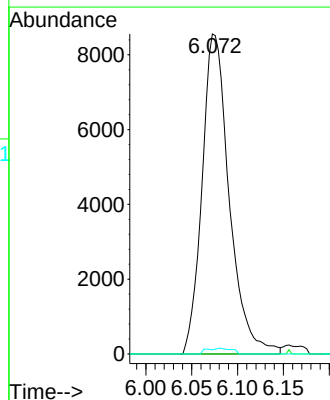
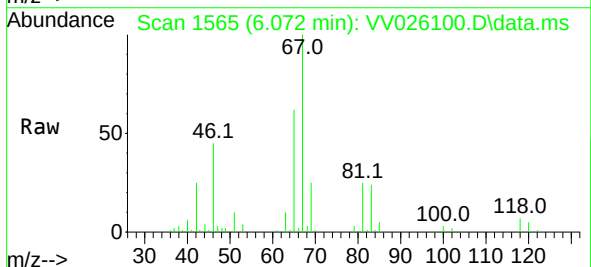
Ion	Ratio	Lower	Upper
95	100		
97	63.0	44.0	81.6
132	93.8	67.5	125.4
130	95.5	69.7	129.5

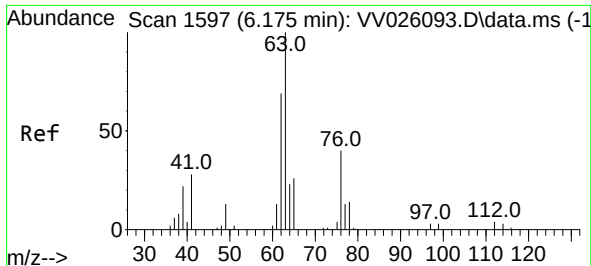


#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV026100.D
Acq: 10 Jun 2022 18:06

Tgt Ion: 83 Resp: 17650

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.4	89.0#
98	1.1	38.9	58.3#





#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV026100.D

Acq: 10 Jun 2022 18:06

Instrument :

MSVOA_V

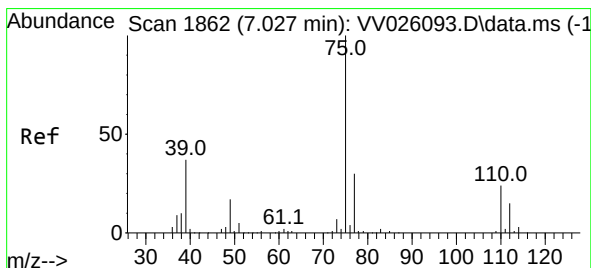
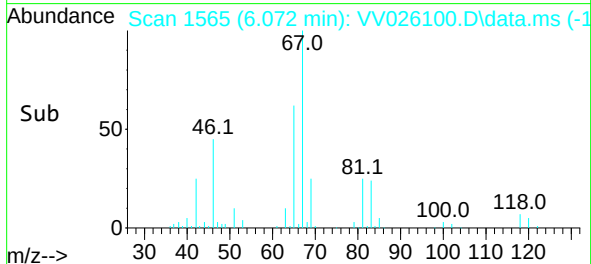
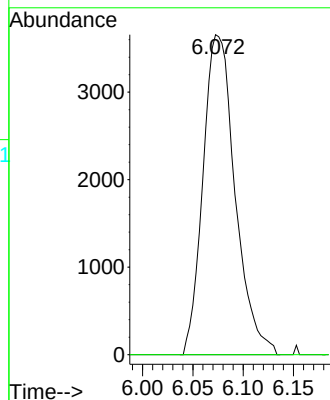
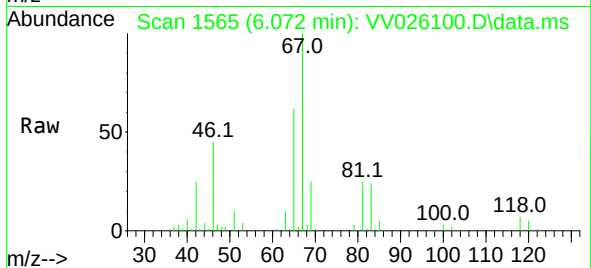
ClientSampleId :

Tgt Ion: 63 Resp: 8127

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV026100.D

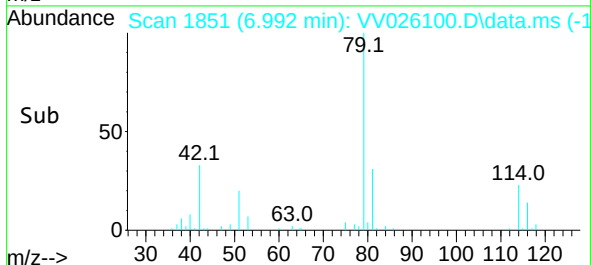
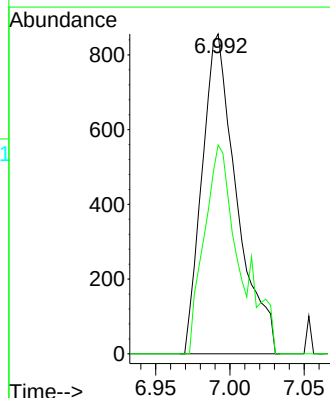
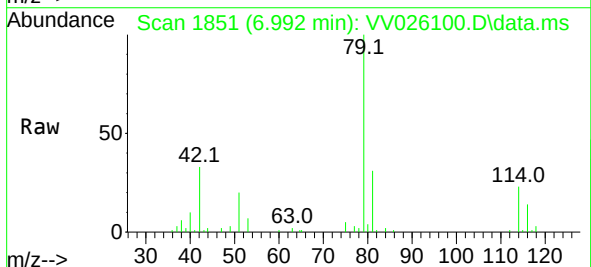
Acq: 10 Jun 2022 18:06

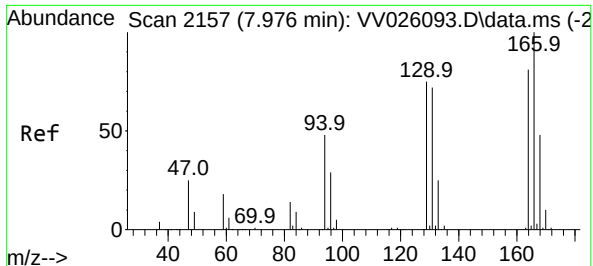
Tgt Ion: 75 Resp: 1388

Ion Ratio Lower Upper

75 100

77 65.3 23.2 43.0#





#47

Tetrachloroethene

Concen: 0.283 ug/L

RT: 7.982 min Scan# 2158

Delta R.T. 0.007 min

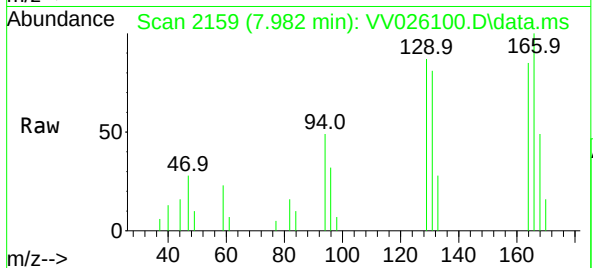
Lab File: VV026100.D

Acq: 10 Jun 2022 18:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 3184

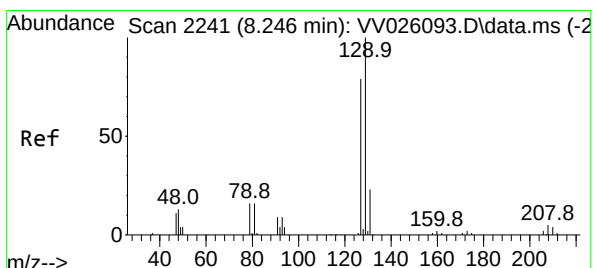
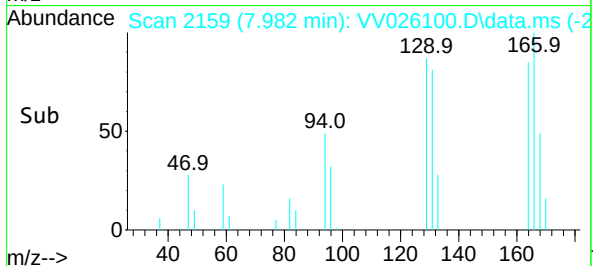
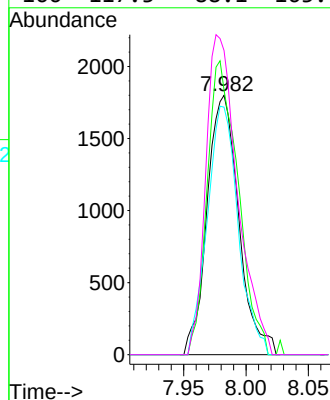
Ion Ratio Lower Upper

164 100

129 102.1 68.3 126.9

131 95.4 66.5 123.5

166 117.3 88.1 163.7



#49

Dibromochloromethane

Concen: 0.369 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026100.D

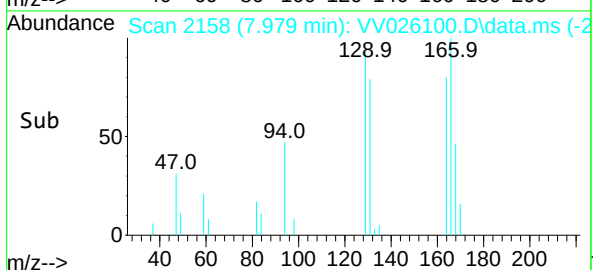
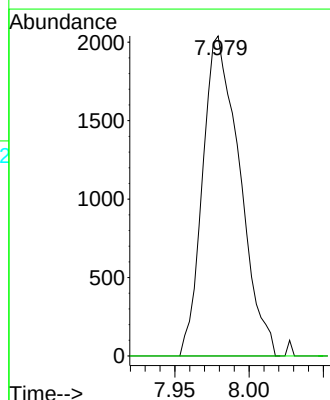
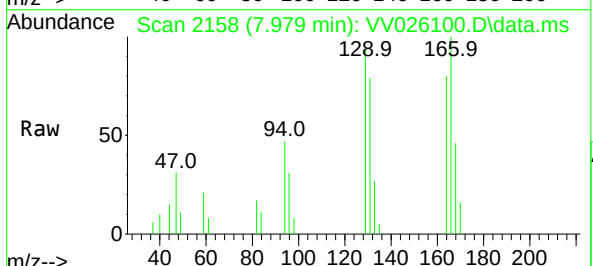
Acq: 10 Jun 2022 18:06

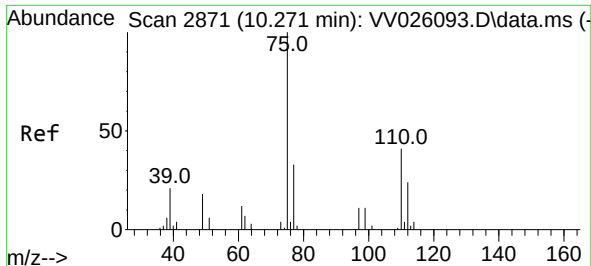
Tgt Ion:129 Resp: 3529

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#

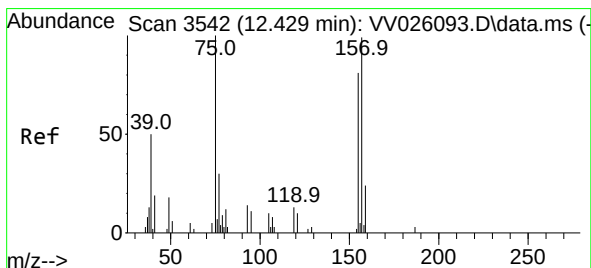
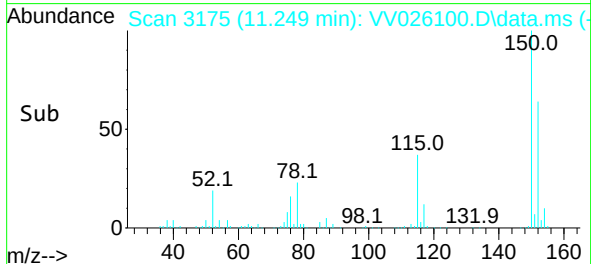
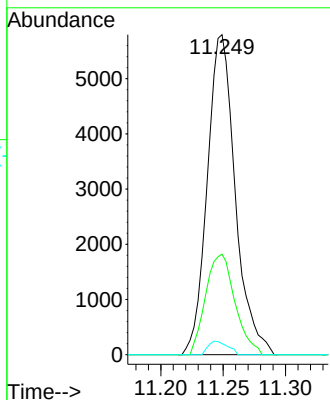
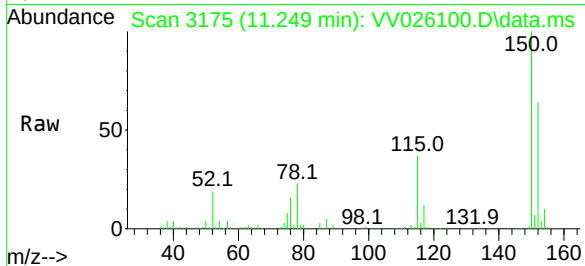




#61
1,2,3-Trichloropropane
Concen: 1.599 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV026100.D
Acq: 10 Jun 2022 18:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 9070
Ion Ratio Lower Upper
75 100
77 32.9 26.6 40.0
110 2.9 32.0 48.0#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.330 ug/L
RT: 12.252 min Scan# 3487
Delta R.T. -0.177 min
Lab File: VV026100.D
Acq: 10 Jun 2022 18:06

Tgt Ion: 75 Resp: 333
Ion Ratio Lower Upper
75 100
155 0.0 68.0 102.0#
157 0.0 89.7 134.5#

