

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022584.D
 Acq On : 05 Oct 2021 18:39
 Operator : SY/MD
 Sample : M4052-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:30:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	106447	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	102197	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	46919	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	37683	11.049	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	221.000%#	
7) Chloroethane-d5	1.564	69	34818	7.574	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	151.400%#	
11) 1,1-Dichloroethene-d2	2.105	63	58770	5.939	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	118.800%	
20) 2-Butanone-d5	3.899	46	79929	39.647	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.300%	
24) Chloroform-d	4.352	84	66492	5.063	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.200%	
26) 1,2-Dichloroethane-d4	5.034	65	34500	5.577	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.600%	
32) Benzene-d6	5.050	84	142490	6.187	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	123.800%	
36) 1,2-Dichloropropane-d6	6.072	67	42450	5.224	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.400%	
41) Toluene-d8	7.317	98	122610	6.351	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	127.000%	
43) trans-1,3-Dichloroprop...	7.628	79	12236	5.691	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	113.800%	
46) 2-Hexanone-d5	8.091	63	57952	43.528	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27777	4.499	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47203	6.504	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	130.000%#	
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.751	101	1906	0.155	ug/L	84
12) 1,1-Dichloroethene	2.114	96	2077	0.319	ug/L #	1
17) Methyl tert-butyl Ether	2.777	73	1262	0.076	ug/L #	88
19) 1,1-Dichloroethane	3.191	63	1967	0.154	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	1279	0.166	ug/L	97
25) Chloroform	4.375	83	6415	0.461	ug/L	98
31) Carbon tetrachloride	4.831	117	1999	0.193	ug/L	97
34) Trichloroethene	5.918	95	9652	1.206	ug/L	97
35) Methylcyclohexane	6.069	83	10820	0.965	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	5025	0.747	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1019	0.112	ug/L #	58
42) Toluene	7.397	91	5844	0.202	ug/L	99
47) Tetrachloroethene	7.979	164	28309	4.548	ug/L	97
48) 2-Hexanone	8.143	43	5810	2.182	ug/L #	80
49) Dibromochloromethane	7.979	129	24547	4.149	ug/L #	12
61) 1,2,3-Trichloropropane	11.252	75	4554	1.309	ug/L #	64

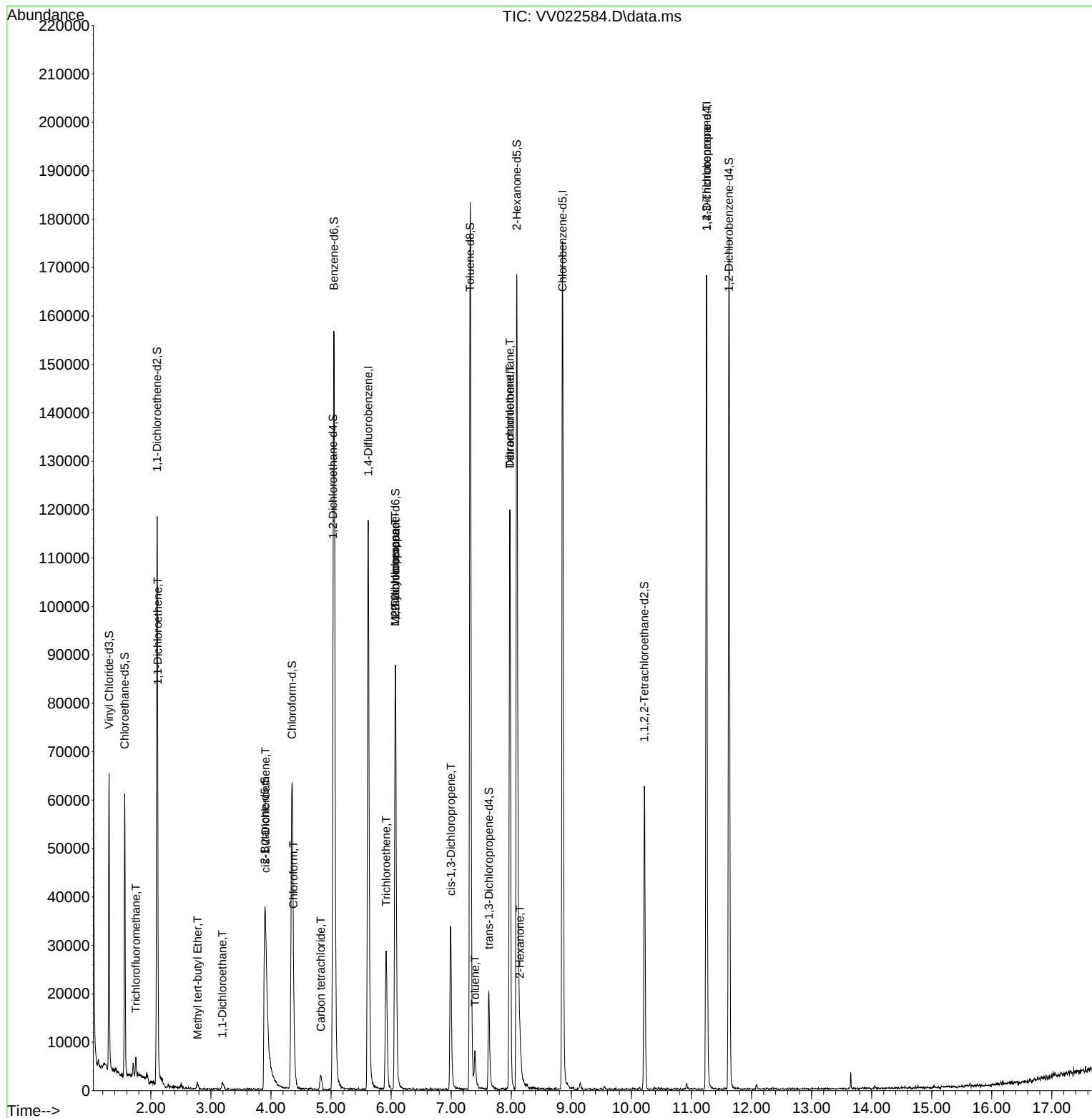
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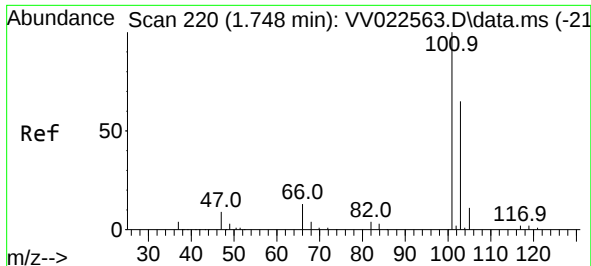
Instrument :
MSVOA_V
ClientSampleId :

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Quant Time: Oct 06 05:30:49 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 05:22:36 2021
Response via : Initial Calibration

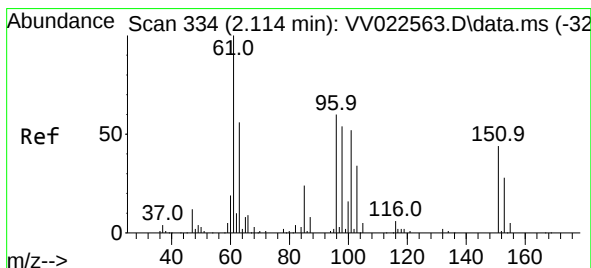
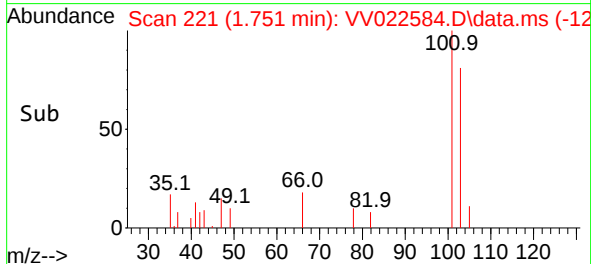
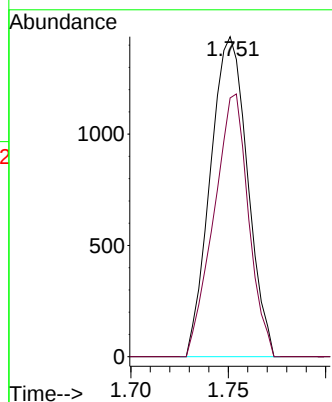
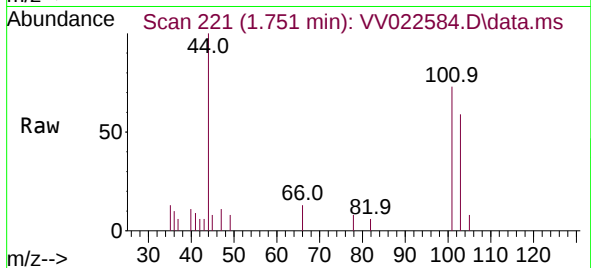




#9
Trichlorofluoromethane
Concen: 0.155 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV022584.D
Acq: 05 Oct 2021 18:39

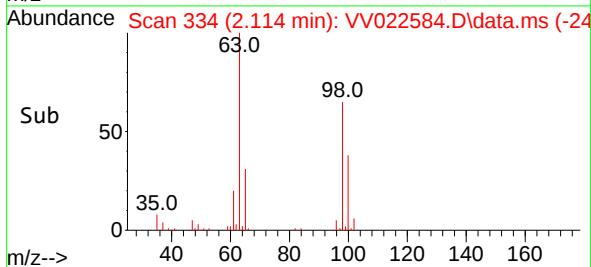
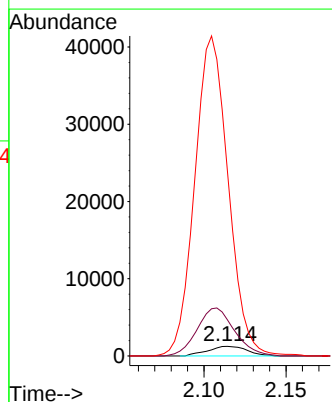
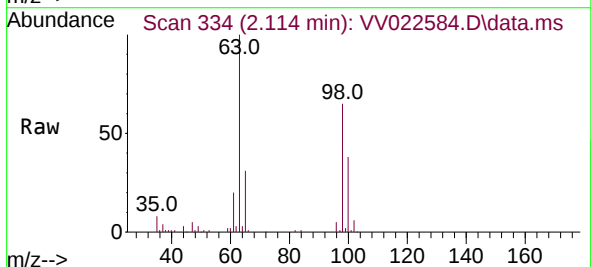
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MSVOA_V
ClientSampled :

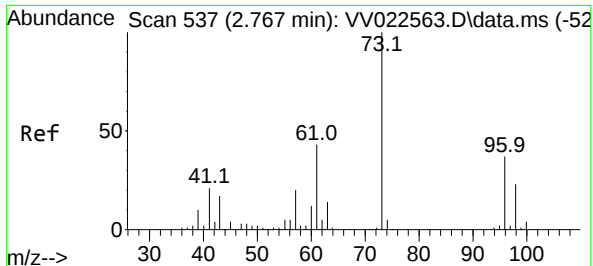
Tgt Ion:101 Resp: 1906
Ion Ratio Lower Upper
101 100
103 76.7 51.4 77.2



#12
1,1-Dichloroethene
Concen: 0.319 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV022584.D
Acq: 05 Oct 2021 18:39

Tgt Ion: 96 Resp: 2077
Ion Ratio Lower Upper
96 100
61 377.2 113.2 210.2#
63 1928.9 66.6 123.8#



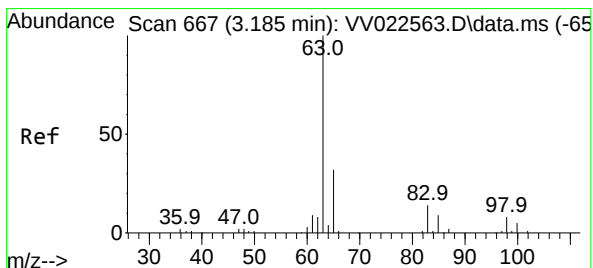
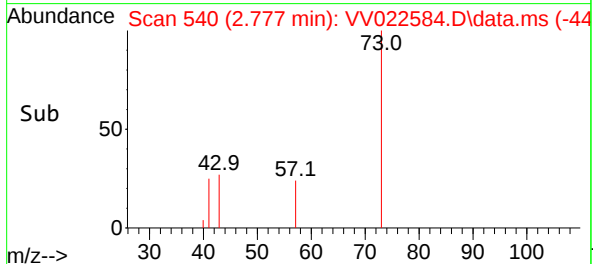
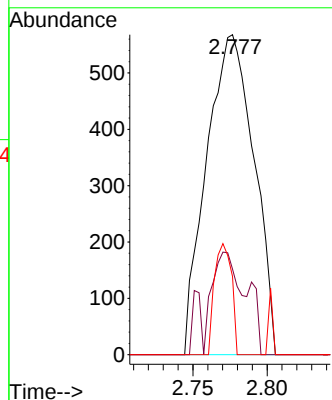
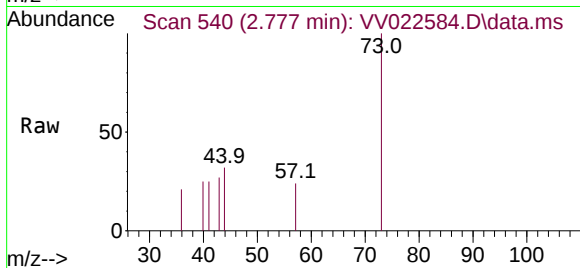


#17

Methyl tert-butyl Ether
 Concen: 0.076 ug/L
 RT: 2.777 min Scan# 540
 Delta R.T. 0.010 min
 Lab File: VV022584.D
 Acq: 05 Oct 2021 18:39

Instrument :
 MSVOA_V
 ClientSampled :

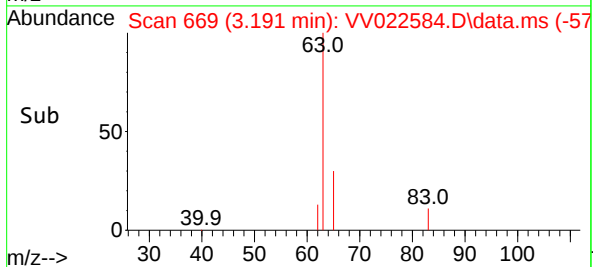
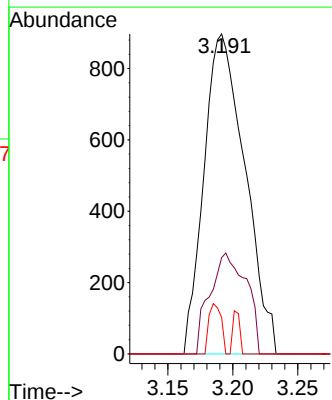
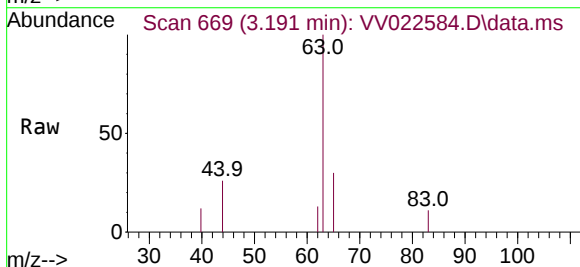
Tgt Ion: 73	Resp:	1262
Ion	Ratio	Lower Upper
73	100	
43	18.9	16.3 24.5
57	12.4	17.5 26.3#

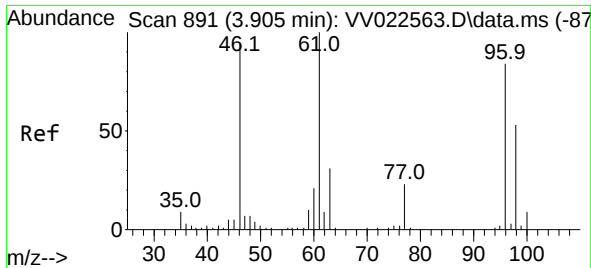


#19

1,1-Dichloroethane
 Concen: 0.154 ug/L
 RT: 3.191 min Scan# 669
 Delta R.T. 0.006 min
 Lab File: VV022584.D
 Acq: 05 Oct 2021 18:39

Tgt Ion: 63	Resp:	1967
Ion	Ratio	Lower Upper
63	100	
65	30.1	22.8 42.4
83	11.4	10.2 19.0

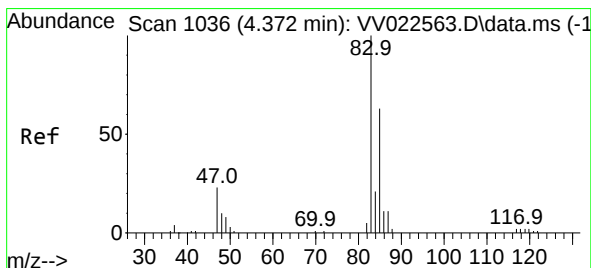
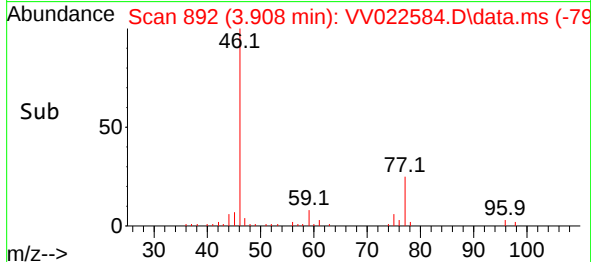
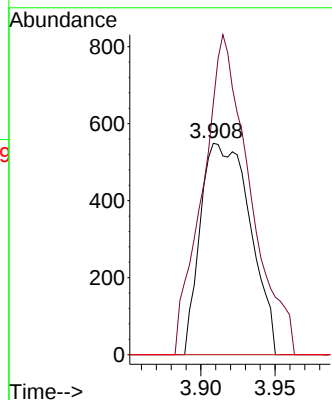
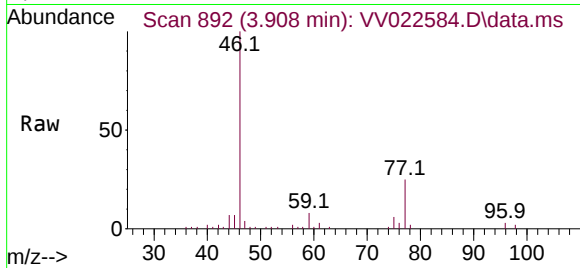




#22
cis-1,2-Dichloroethene
Concen: 0.166 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV022584.D
Acq: 05 Oct 2021 18:39

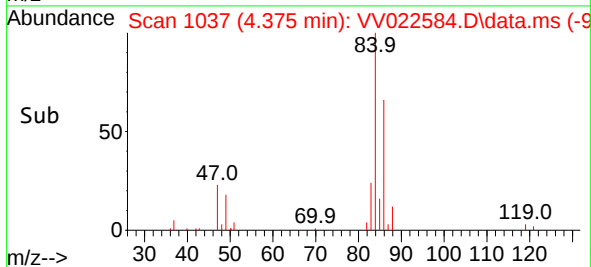
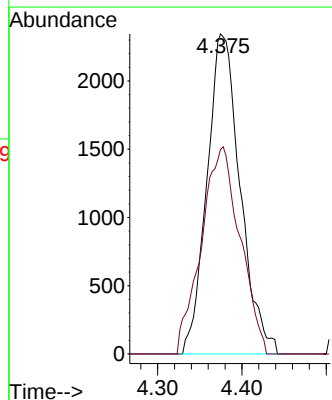
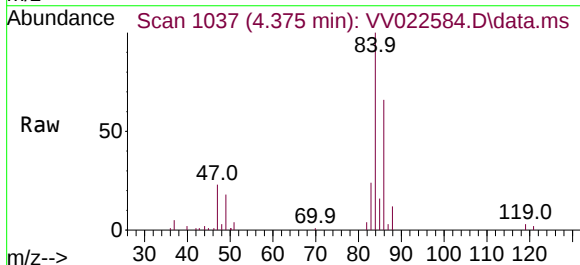
Instrument :
MSVOA_V
ClientSampled :

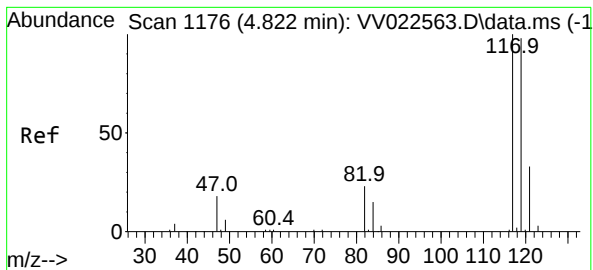
Tgt Ion: 96 Resp: 1279
Ion Ratio Lower Upper
96 100
61 118.9 85.6 159.0
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.461 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV022584.D
Acq: 05 Oct 2021 18:39

Tgt Ion: 83 Resp: 6415
Ion Ratio Lower Upper
83 100
85 64.0 45.6 84.8

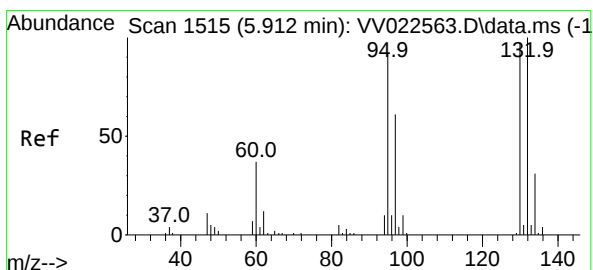
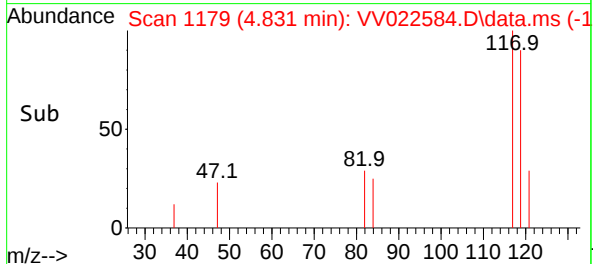
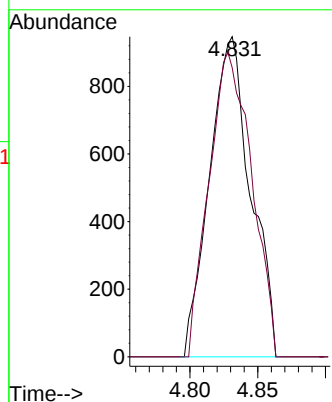
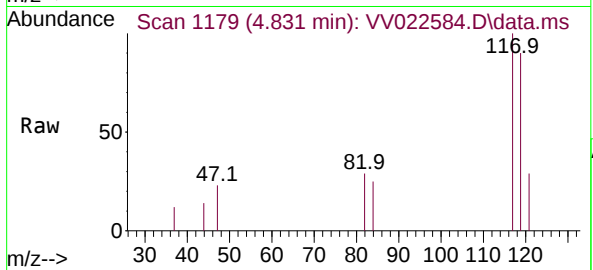




#31
Carbon tetrachloride
Concen: 0.193 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.010 min
Lab File: VV022584.D
Acq: 05 Oct 2021 18:39

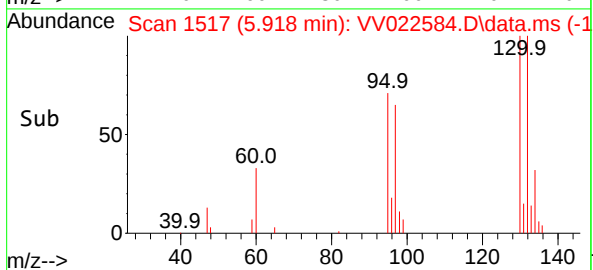
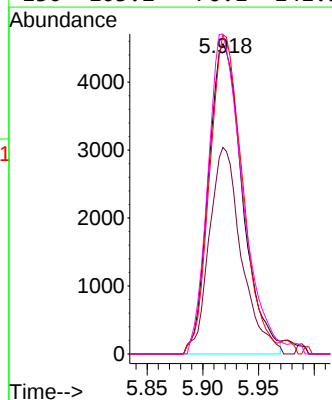
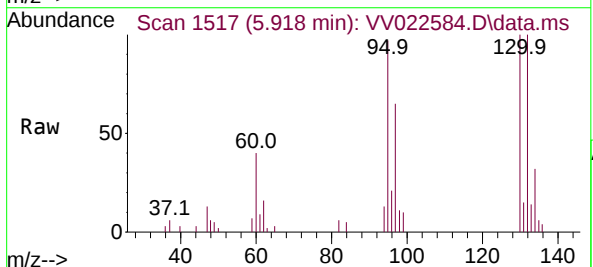
Instrument :
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ClientSampled :

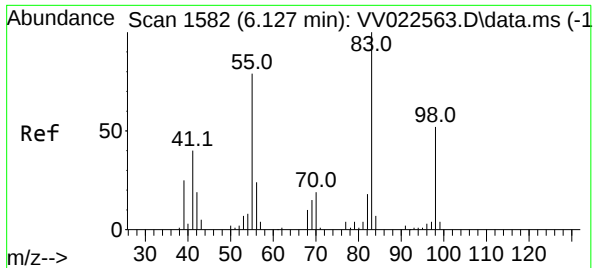
Tgt Ion:117 Resp: 1999
Ion Ratio Lower Upper
117 100
119 98.8 76.9 115.3



#34
Trichloroethene
Concen: 1.206 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV022584.D
Acq: 05 Oct 2021 18:39

Tgt Ion: 95 Resp: 9652
Ion Ratio Lower Upper
95 100
97 66.6 46.5 86.5
132 102.9 73.0 135.6
130 103.2 76.1 141.3

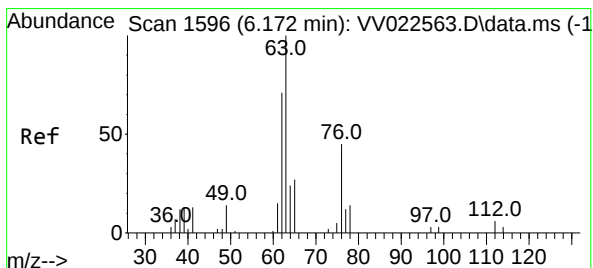
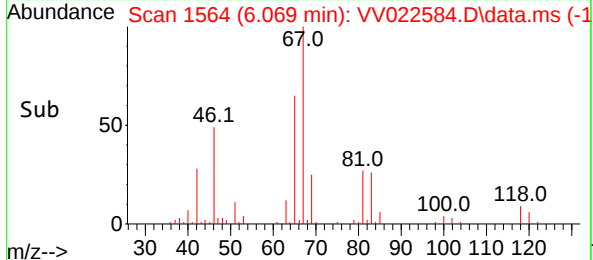
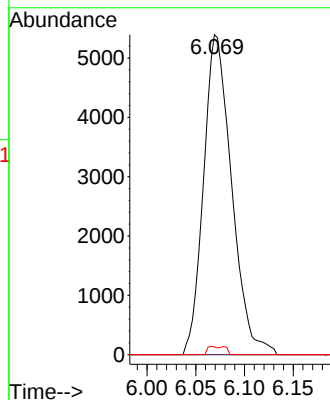
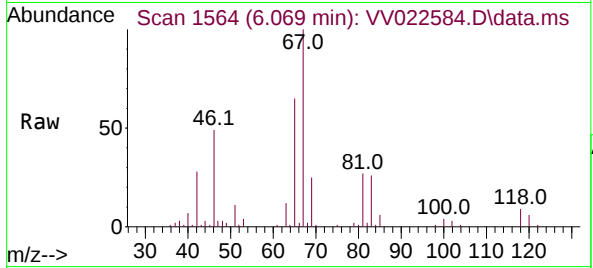




#35
Methylcyclohexane
Concen: 0.965 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV022584.D
Acq: 05 Oct 2021 18:39

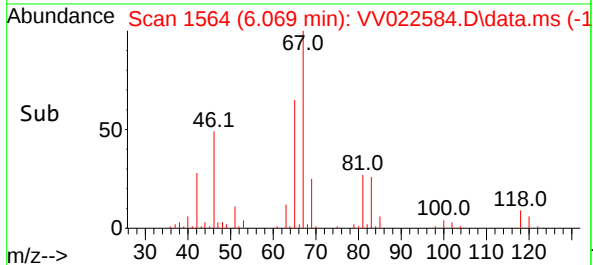
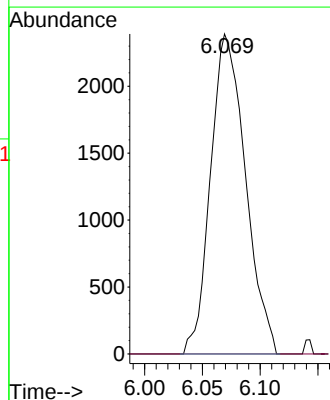
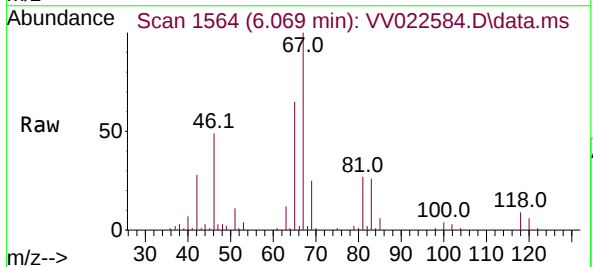
Instrument :
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ClientSampled :

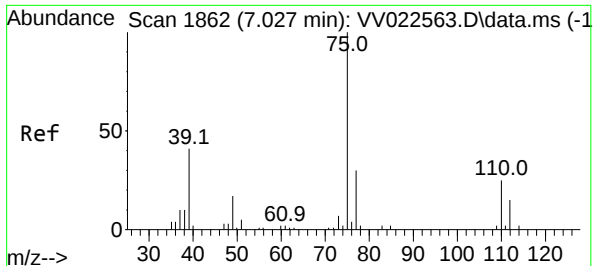
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	0.9	39.8	59.8#



#37
1,2-Dichloropropane
Concen: 0.747 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022584.D
Acq: 05 Oct 2021 18:39

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

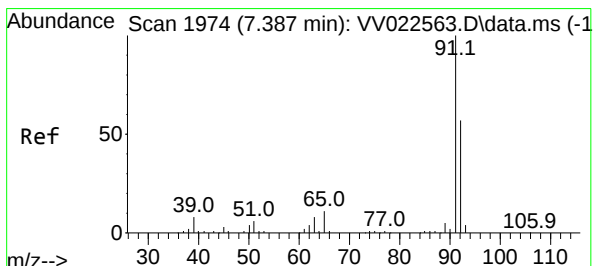
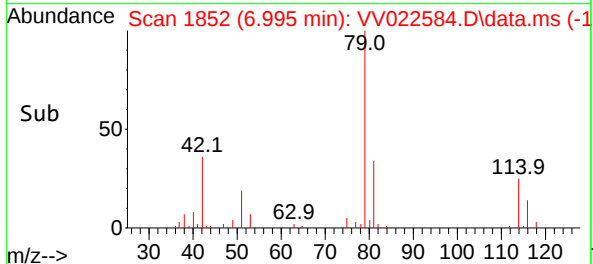
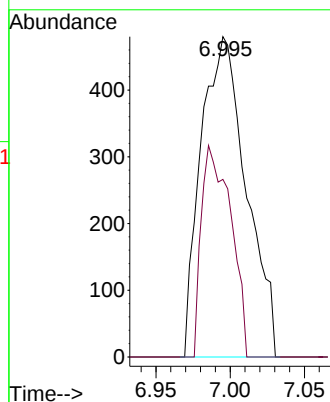
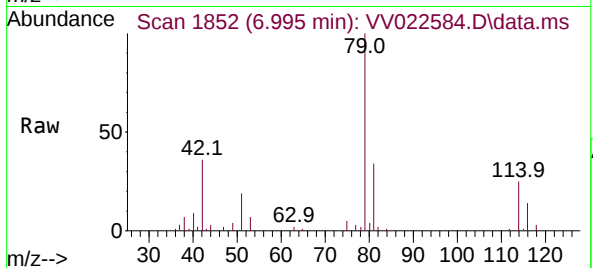




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 6.995 min Scan# 1852
 Delta R.T. -0.032 min
 Lab File: VV022584.D
 Acq: 05 Oct 2021 18:39

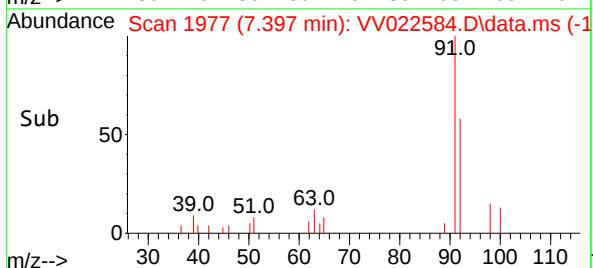
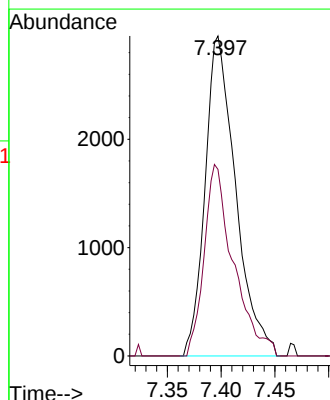
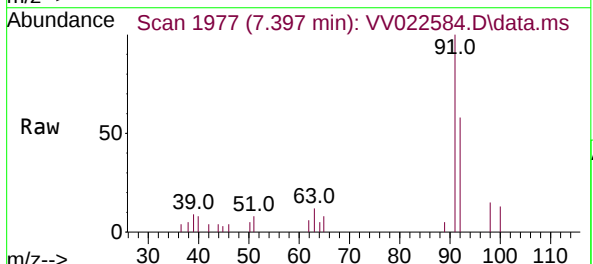
Instrument :
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 ClientSampled :

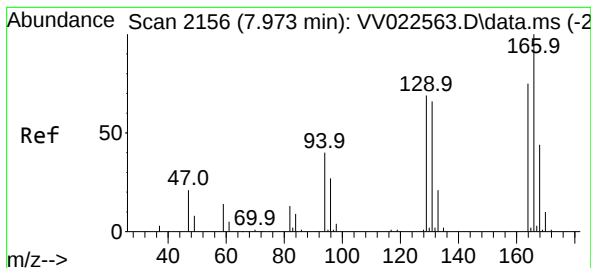
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 Ion Ratio Lower Upper
 75 100
 77 55.4 22.4 41.6#



#42
 Toluene
 Concen: 0.202 ug/L
 RT: 7.397 min Scan# 1977
 Delta R.T. 0.010 min
 Lab File: VV022584.D
 Acq: 05 Oct 2021 18:39

Tgt Ion: 91 Resp: 5844
 Ion Ratio Lower Upper
 91 100
 92 58.3 40.5 75.3





#47

Tetrachloroethene

Concen: 4.548 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV022584.D

Acq: 05 Oct 2021 18:39

Tgt Ion:164 Resp: 28309

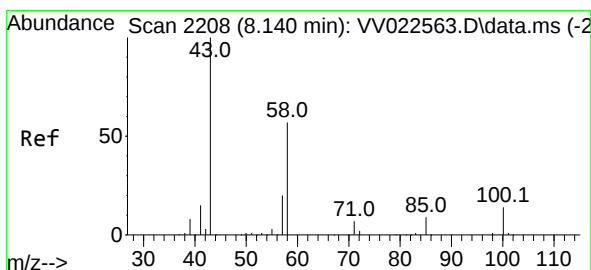
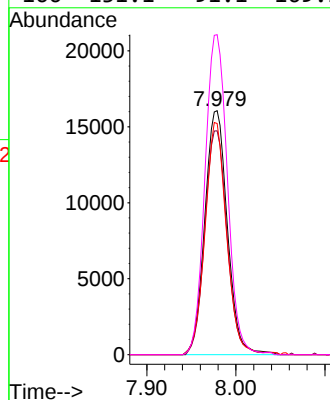
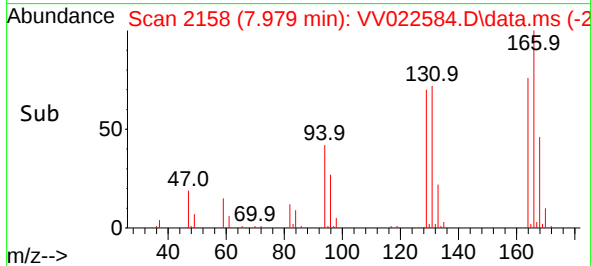
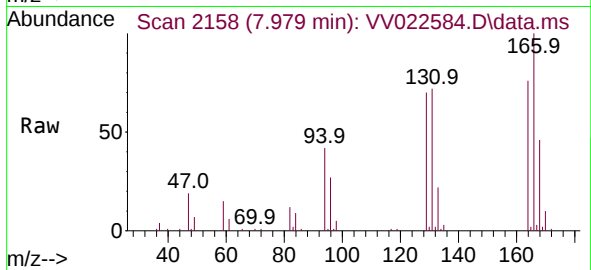
Ion Ratio Lower Upper

164 100

129 91.8 65.5 121.6

131 94.7 62.4 116.0

166 131.1 91.1 169.3



#48

2-Hexanone

Concen: 2.182 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.003 min

Lab File: VV022584.D

Acq: 05 Oct 2021 18:39

Tgt Ion: 43 Resp: 5810

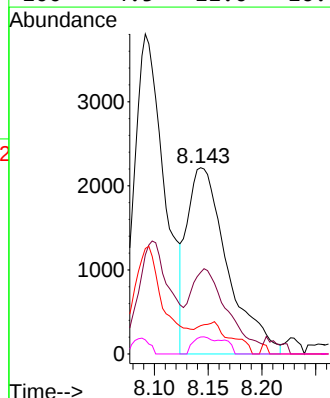
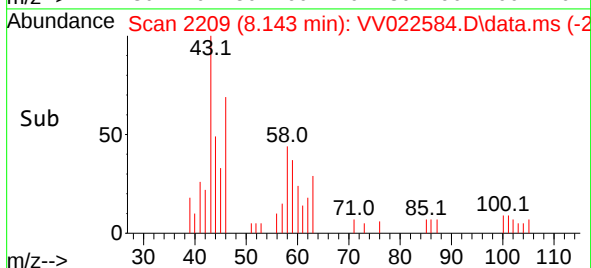
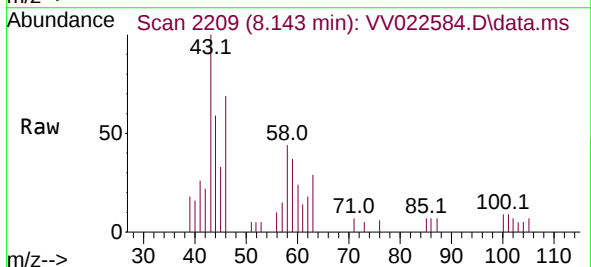
Ion Ratio Lower Upper

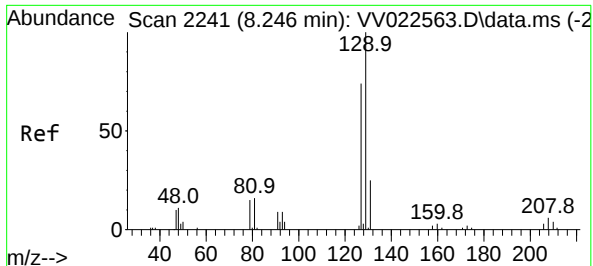
43 100

58 41.8 46.4 69.6#

57 13.4 16.3 24.5#

100 4.5 11.0 16.6#





#49

Dibromochloromethane

Concen: 4.149 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV022584.D

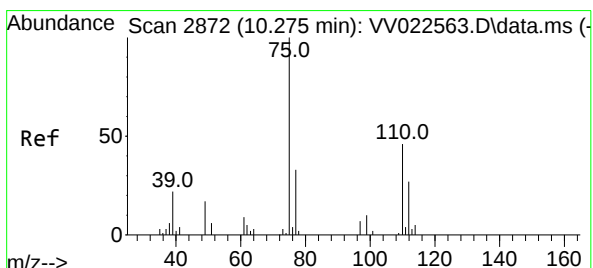
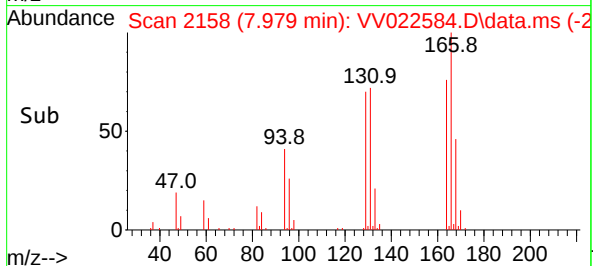
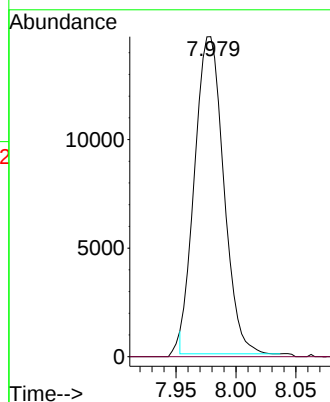
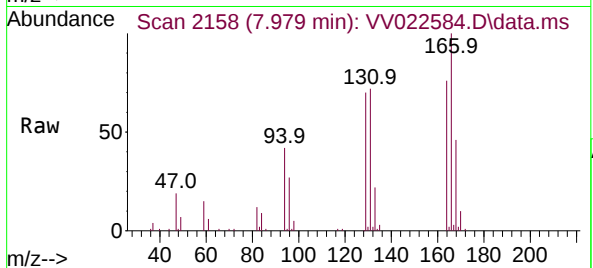
Acq: 05 Oct 2021 18:39

Tgt Ion:129 Resp: 24547

Ion Ratio Lower Upper

129 100

127 0.0 52.6 97.6#



#61

1,2,3-Trichloropropane

Concen: 1.309 ug/L

RT: 11.252 min Scan# 3176

Delta R.T. 0.977 min

Lab File: VV022584.D

Acq: 05 Oct 2021 18:39

Tgt Ion: 75 Resp: 4554

Ion Ratio Lower Upper

75 100

77 33.6 26.1 39.1

110 1.5 33.0 49.6#

