

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100721\
 Data File : VW022669.D
 Acq On : 07 Oct 2021 17:53
 Operator : SY/MD
 Sample : M4051-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 08 04:03:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	106987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	108971	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36922	5.016	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery	= 100.400%		
7) Chloroethane-d5	1.564	69	34866	5.271	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery	= 105.400%		
11) 1,1-Dichloroethene-d2	2.105	63	62139	4.303	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery	= 86.000%		
20) 2-Butanone-d5	3.905	46	69328	35.920	ug/L	-0.05
Spiked Amount 50.000	Range 40 - 130		Recovery	= 71.840%		
24) Chloroform-d	4.349	84	70044	4.618	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery	= 92.400%		
26) 1,2-Dichloroethane-d4	5.034	65	35542	4.828	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	= 96.600%		
32) Benzene-d6	5.053	84	142545	4.394	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery	= 87.800%		
36) 1,2-Dichloropropane-d6	6.072	67	45344	4.720	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery	= 94.400%		
41) Toluene-d8	7.317	98	121311	4.326	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	= 86.600%		
43) trans-1,3-Dichloroprop...	7.625	79	13113	4.115	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery	= 82.200%		
46) 2-Hexanone-d5	8.092	63	55469	43.190	ug/L	-0.02
Spiked Amount 50.000	Range 45 - 130		Recovery	= 86.380%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29168	4.482	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery	= 89.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	47585	5.175	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery	= 103.400%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	699	0.101	ug/L #	19
12) 1,1-Dichloroethene	2.117	96	11070	1.713	ug/L #	54
19) 1,1-Dichloroethane	3.195	63	1196	0.094	ug/L #	91
22) cis-1,2-Dichloroethene	3.918	96	2453	0.332	ug/L	80
25) Chloroform	4.378	83	7719	0.526	ug/L	92
29) 1,1,1-Trichloroethane	4.609	97	1080	0.087	ug/L #	53
31) Carbon tetrachloride	4.831	117	2617	0.242	ug/L	97
34) Trichloroethene	5.918	95	20086	2.517	ug/L	97
35) Methylcyclohexane	6.072	83	11146	0.997	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	4650	0.659	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1176	0.126	ug/L	94
42) Toluene	7.400	91	2151	0.072	ug/L	99
47) Tetrachloroethene	7.979	164	16401	2.541	ug/L	96
48) 2-Hexanone	8.146	43	8427	3.039	ug/L #	79
49) Dibromochloromethane	7.979	129	13605	2.219	ug/L #	7
61) 1,2,3-Trichloropropane	11.249	75	5416	1.572	ug/L #	64

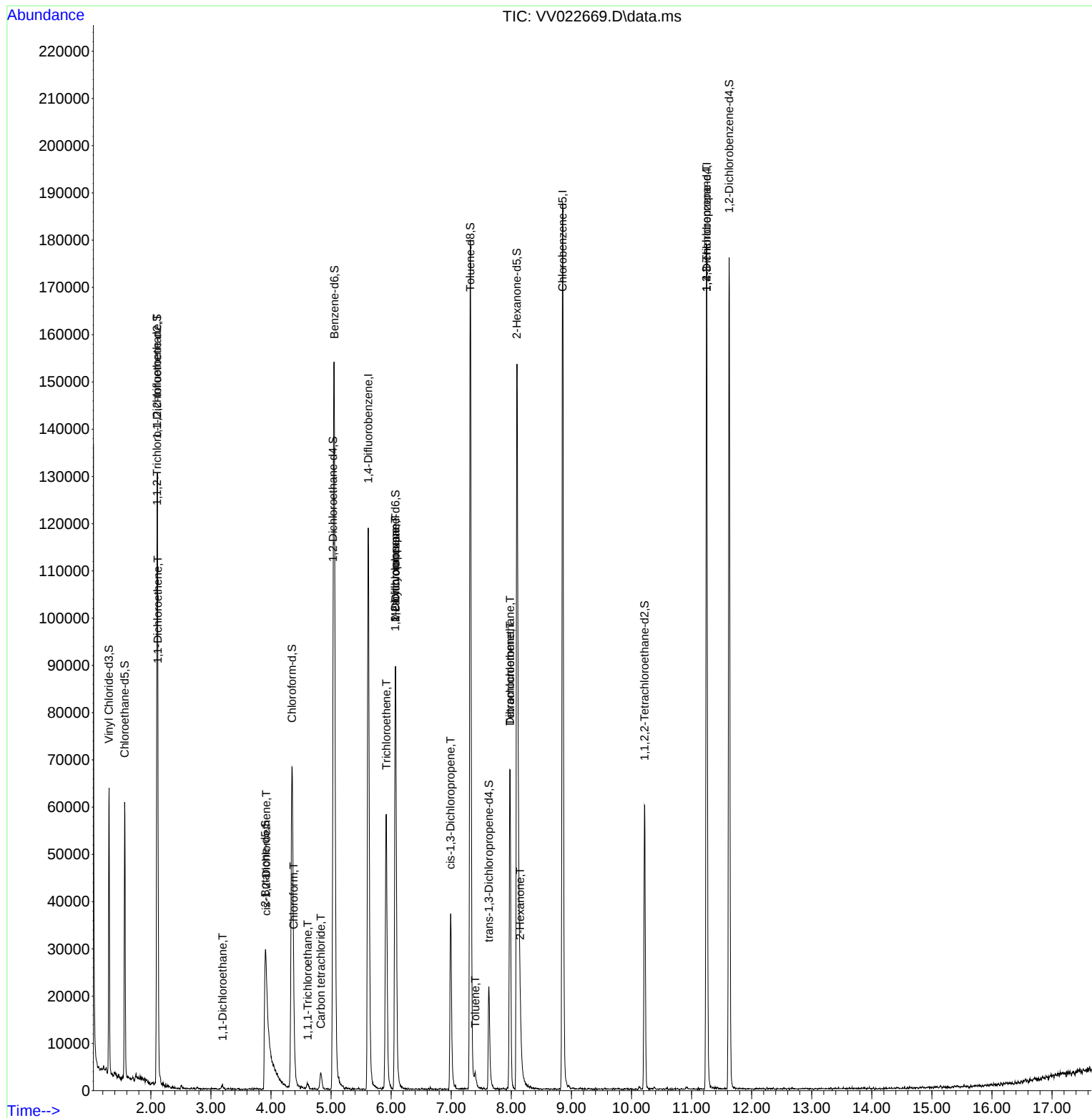
(#) = qualifier out of range (m) = manual integration (+) = signals summed

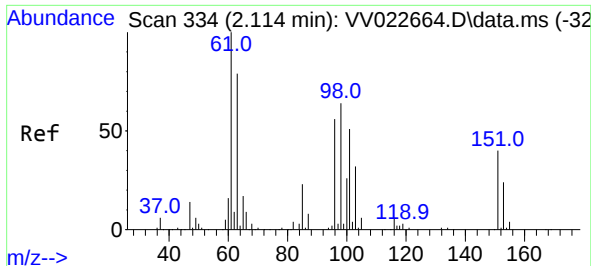
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
Data File : VV022669.D
Acq On : 07 Oct 2021 17:53
Operator : SY/MD
Sample : M4051-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 08 04:03:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 08 04:01:59 2021
Response via : Initial Calibration

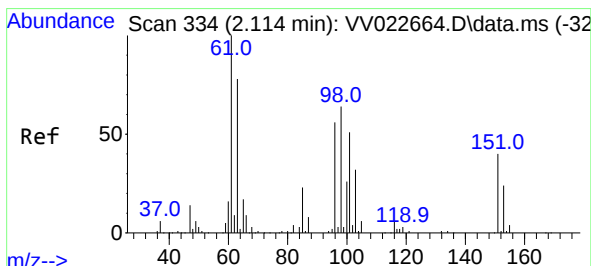
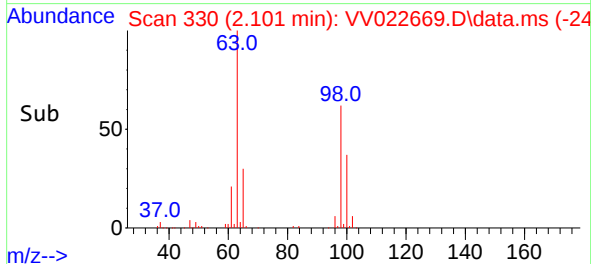
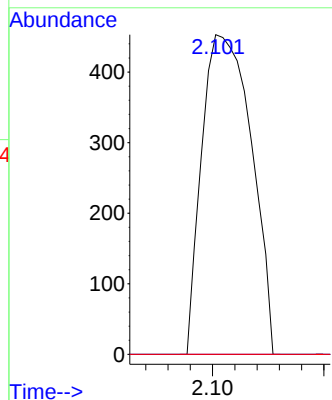
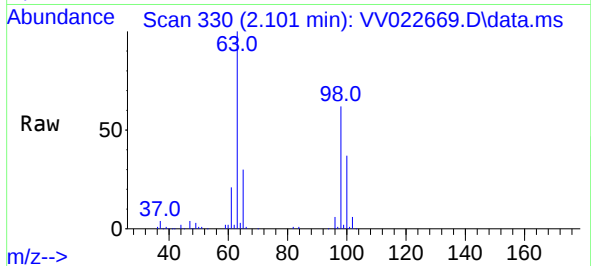




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.101 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.013 min
Lab File: VV022669.D
Acq: 07 Oct 2021 17:53

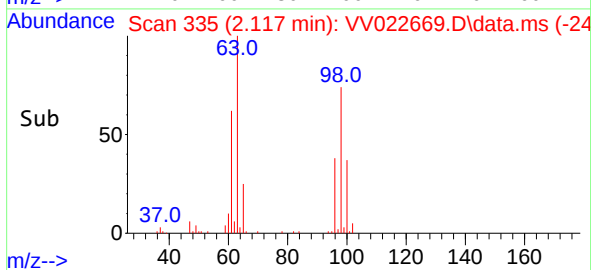
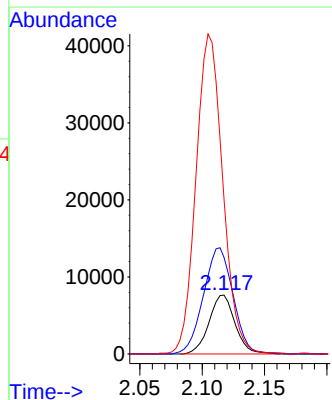
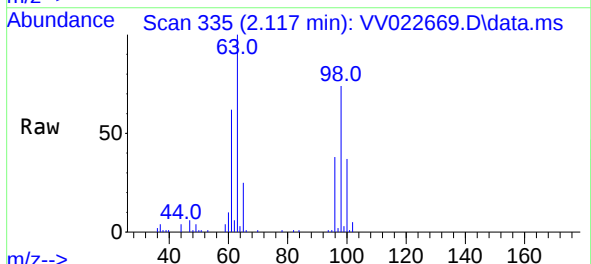
Instrument :
MSVOA_V
ClientSampled :

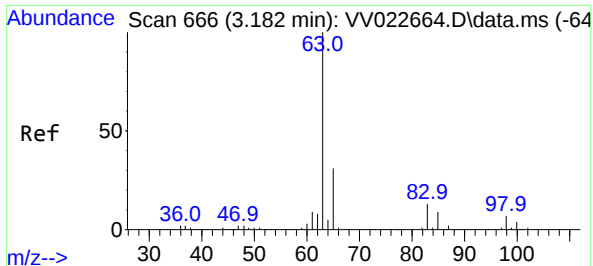
Tgt Ion:101 Resp: 699
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 60.9 91.3#



#12
1,1-Dichloroethene
Concen: 1.713 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV022669.D
Acq: 07 Oct 2021 17:53

Tgt Ion: 96 Resp: 11070
Ion Ratio Lower Upper
96 100
61 163.7 127.3 236.5
63 262.4 106.2 197.2#





#19

1,1-Dichloroethane

Concen: 0.094 ug/L

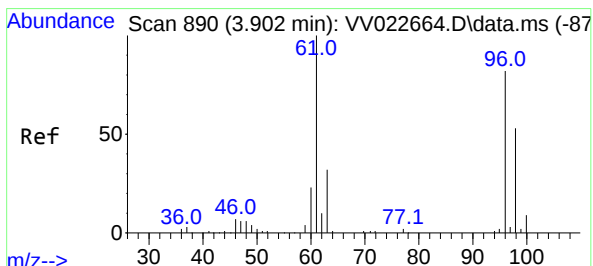
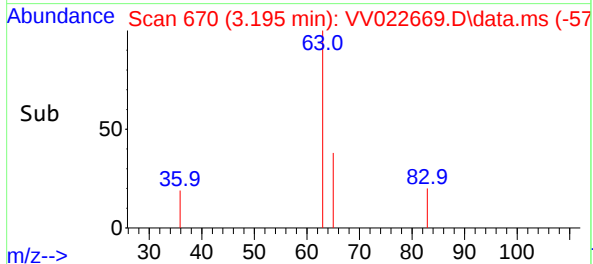
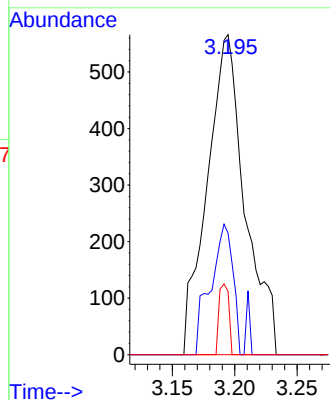
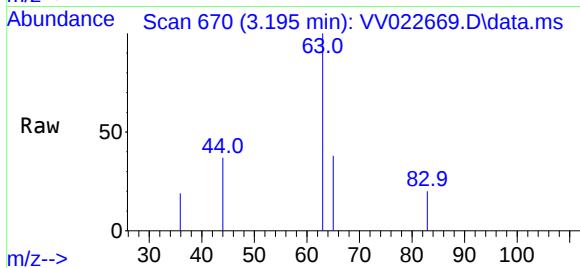
RT: 3.195 min Scan# 670

Delta R.T. 0.013 min

Lab File: VV022669.D

Acq: 07 Oct 2021 17:53

Tgt Ion: 63	Resp: 1196
Ion Ratio	Lower Upper
63 100	
65 38.0	23.5 43.7
83 19.8	10.1 18.7#



#22

cis-1,2-Dichloroethene

Concen: 0.332 ug/L

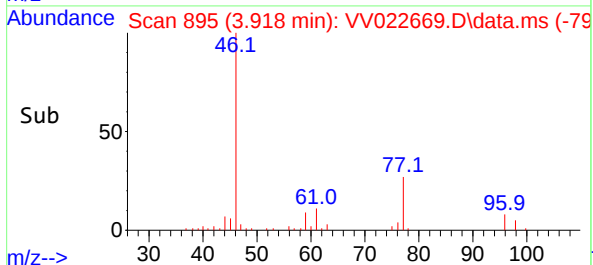
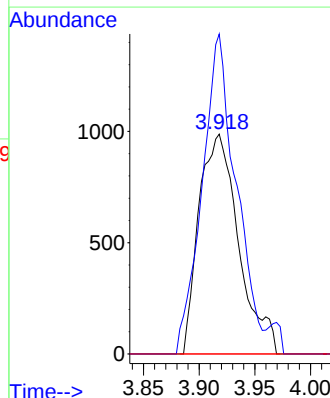
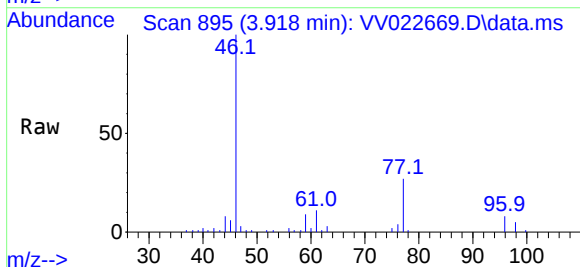
RT: 3.918 min Scan# 895

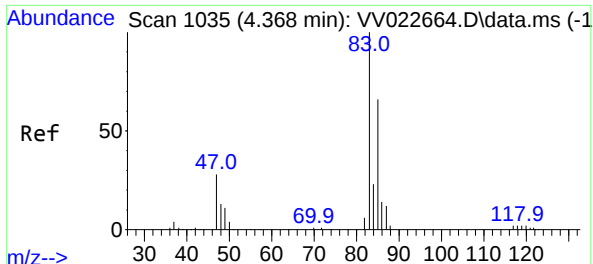
Delta R.T. 0.016 min

Lab File: VV022669.D

Acq: 07 Oct 2021 17:53

Tgt Ion: 96	Resp: 2453		
Ion Ratio	Lower	Upper	
96	100		
61	145.5	86.0	159.6
68	0.0	0.0	0.0





#25

Chloroform

Concen: 0.526 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.010 min

Lab File: VV022669.D

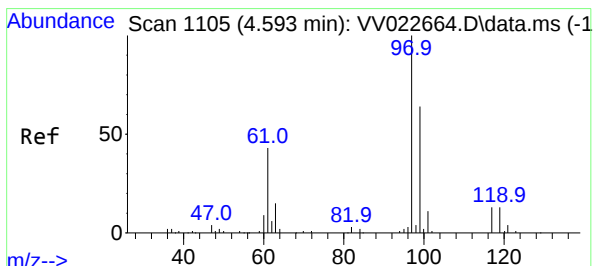
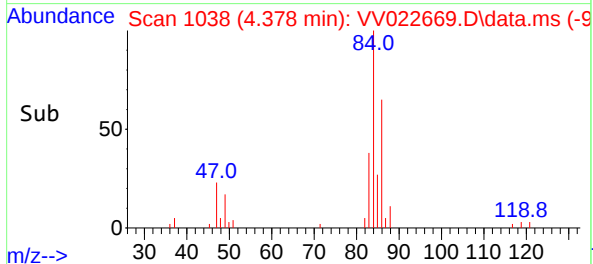
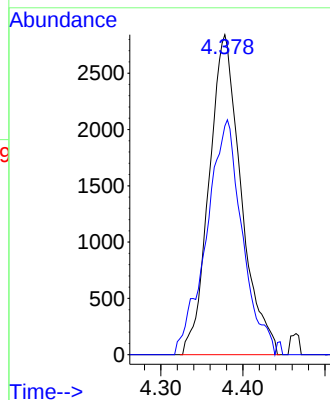
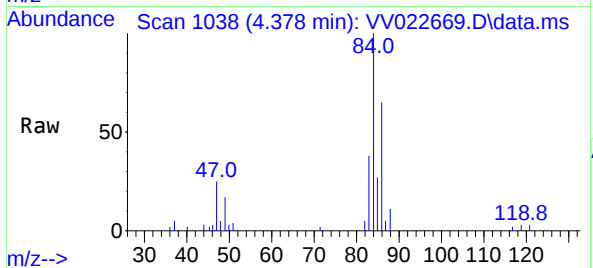
Acq: 07 Oct 2021 17:53

Tgt Ion: 83 Resp: 7719

Ion Ratio Lower Upper

83 100

85 71.5 45.7 84.9



#29

1,1,1-Trichloroethane

Concen: 0.087 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.016 min

Lab File: VV022669.D

Acq: 07 Oct 2021 17:53

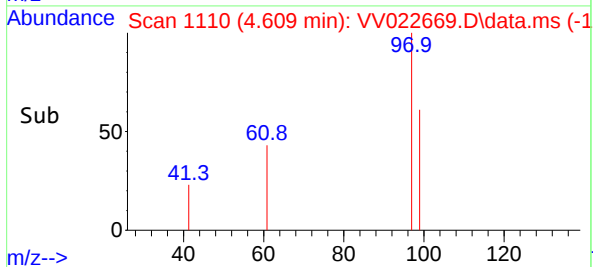
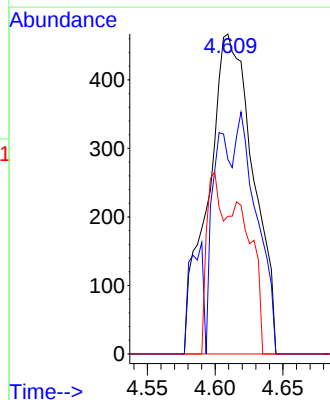
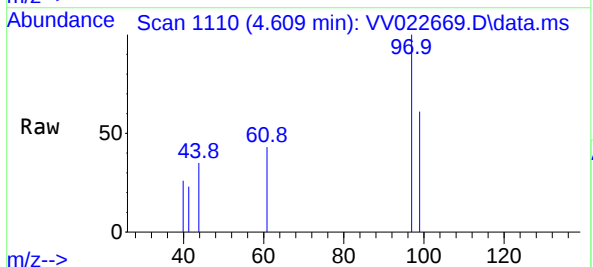
Tgt Ion: 97 Resp: 1080

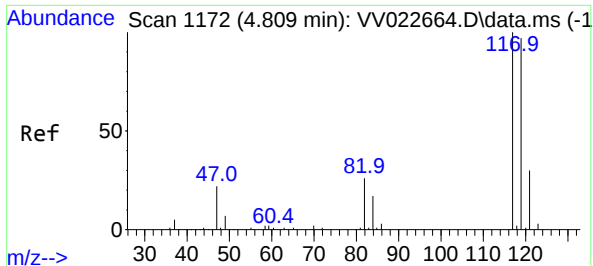
Ion Ratio Lower Upper

97 100

99 36.5 51.2 76.8#

61 0.0 33.2 49.8#

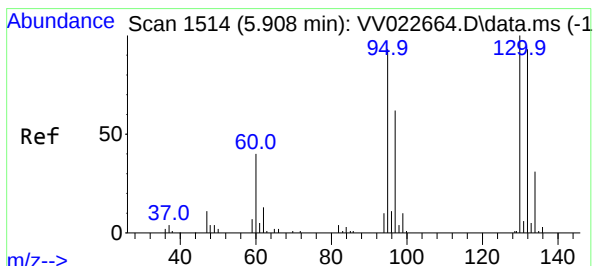
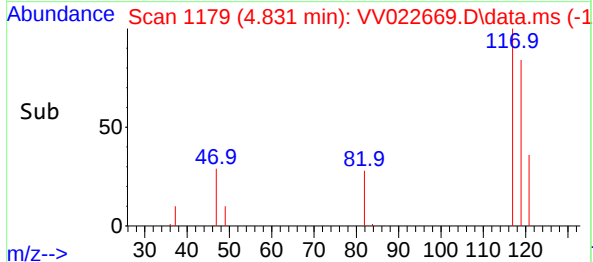
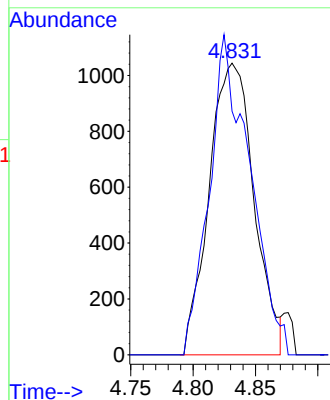
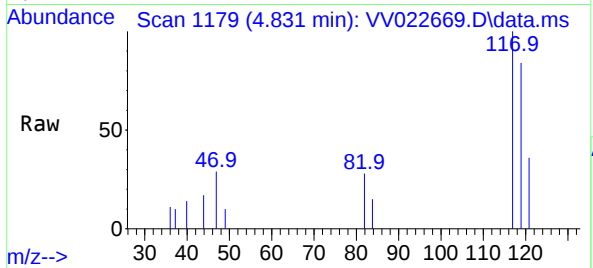




#31
Carbon tetrachloride
Concen: 0.242 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.023 min
Lab File: VV022669.D
Acq: 07 Oct 2021 17:53

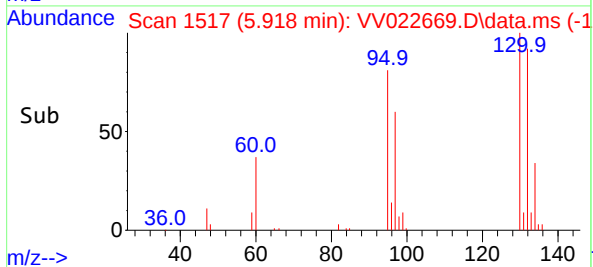
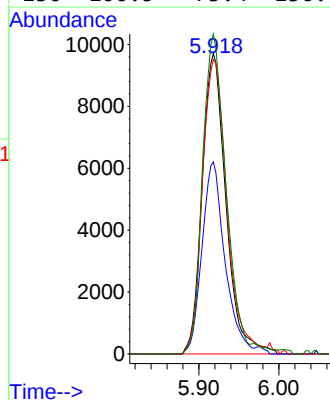
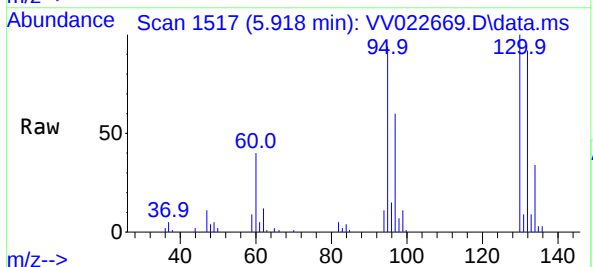
Instrument :
MSVOA_V
ClientSampled :

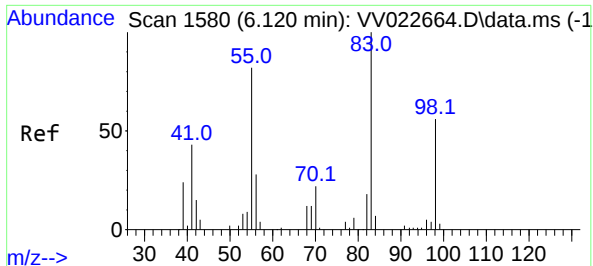
Tgt Ion:117 Resp: 2617
Ion Ratio Lower Upper
117 100
119 99.2 77.4 116.0



#34
Trichloroethene
Concen: 2.517 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV022669.D
Acq: 07 Oct 2021 17:53

Tgt Ion: 95 Resp: 20086
Ion Ratio Lower Upper
95 100
97 64.0 45.8 85.2
132 98.1 72.2 134.0
130 106.5 73.4 136.4

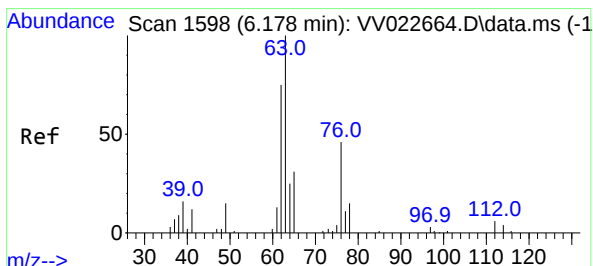
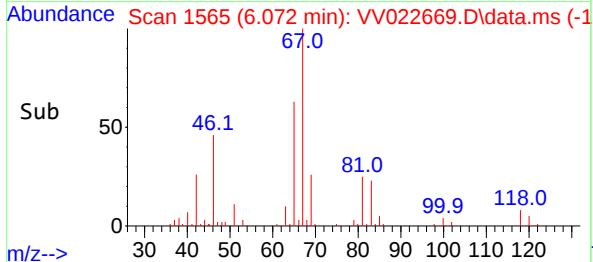
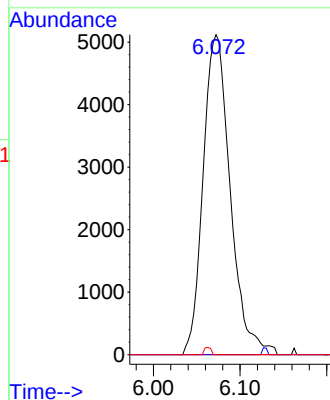
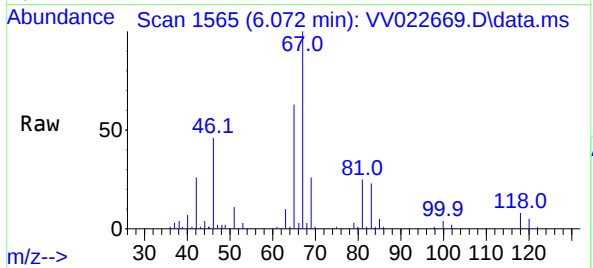




#35
Methylcyclohexane
Concen: 0.997 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.048 min
Lab File: VV022669.D
Acq: 07 Oct 2021 17:53

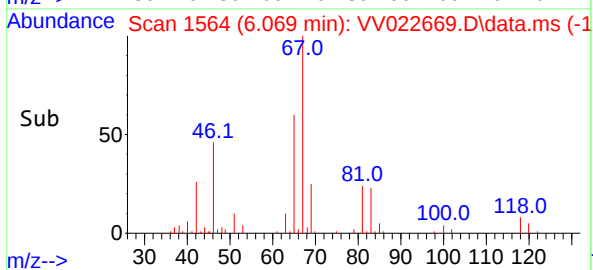
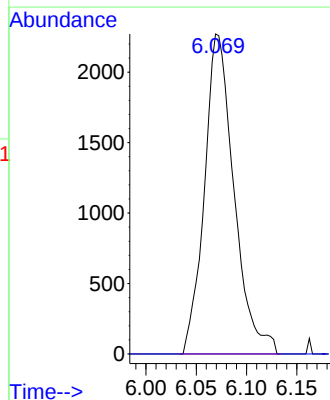
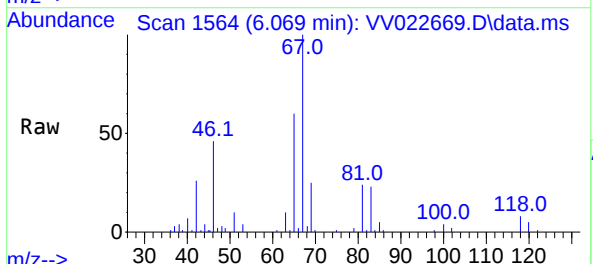
Instrument :
MSVOA_V
ClientSampled :

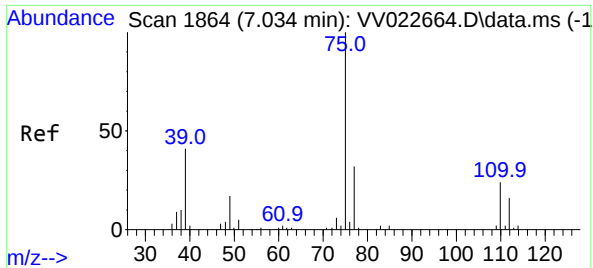
Tgt Ion: 83 Resp: 11146
Ion Ratio Lower Upper
83 100
55 0.4 63.8 95.6#
98 0.6 42.1 63.1#



#37
1,2-Dichloropropane
Concen: 0.659 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.109 min
Lab File: VV022669.D
Acq: 07 Oct 2021 17:53

Tgt Ion: 63 Resp: 4650
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

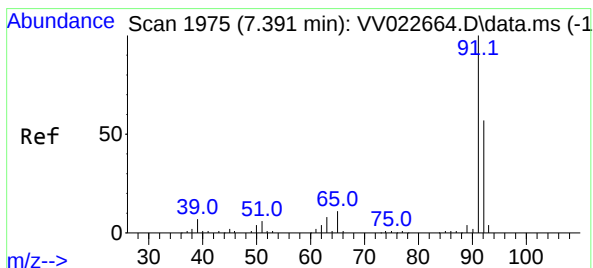
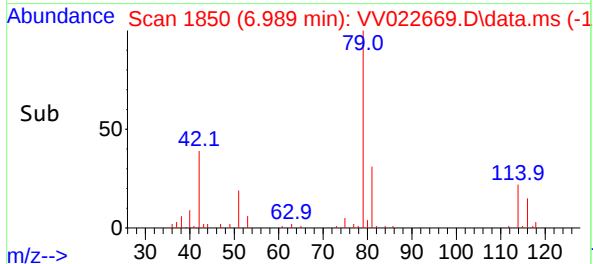
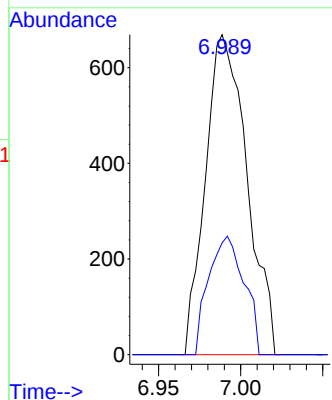
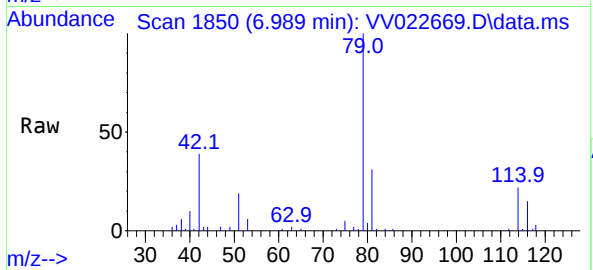




#39
 cis-1,3-Dichloropropene
 Concen: 0.126 ug/L
 RT: 6.989 min Scan# 1850
 Delta R.T. -0.045 min
 Lab File: VV022669.D
 Acq: 07 Oct 2021 17:53

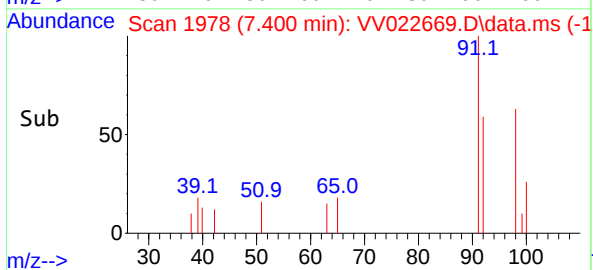
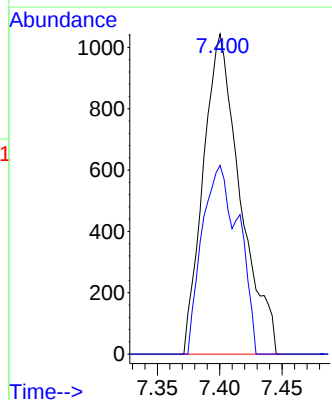
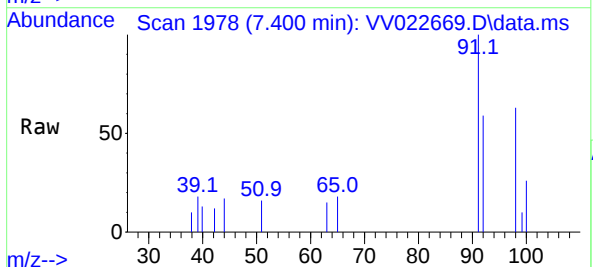
Instrument :
 MSVOA_V
 ClientSampleId :

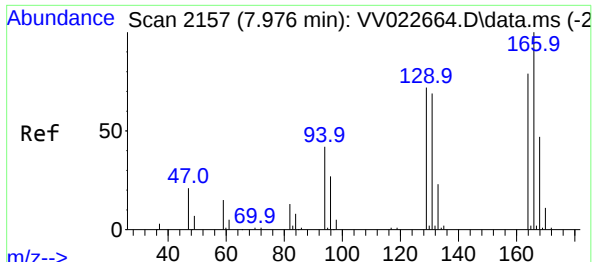
Tgt Ion: 75 Resp: 1176
 Ion Ratio Lower Upper
 75 100
 77 35.0 22.3 41.3



#42
 Toluene
 Concen: 0.072 ug/L
 RT: 7.400 min Scan# 1978
 Delta R.T. 0.010 min
 Lab File: VV022669.D
 Acq: 07 Oct 2021 17:53

Tgt Ion: 91 Resp: 2151
 Ion Ratio Lower Upper
 91 100
 92 58.9 40.7 75.7





#47

Tetrachloroethene

Concen: 2.541 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022669.D

Acq: 07 Oct 2021 17:53

Tgt Ion:164 Resp: 16401

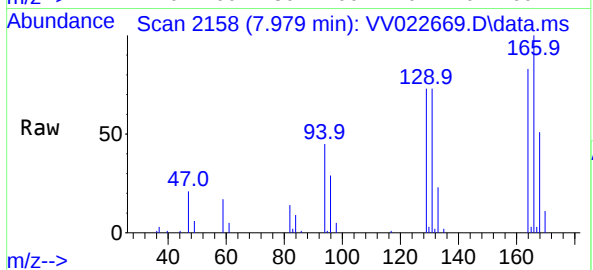
Ion Ratio Lower Upper

164 100

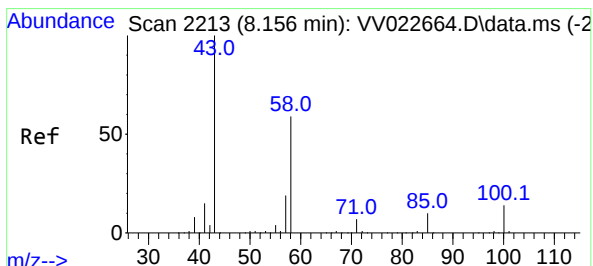
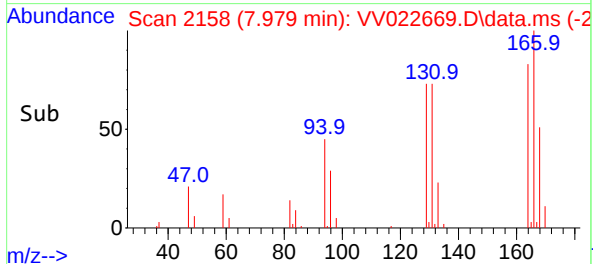
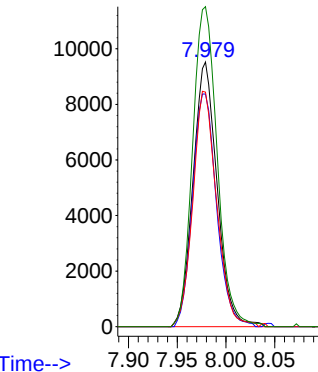
129 87.9 65.0 120.6

131 88.6 62.2 115.4

166 120.9 89.2 165.8



Abundance



#48

2-Hexanone

Concen: 3.039 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. -0.010 min

Lab File: VV022669.D

Acq: 07 Oct 2021 17:53

Tgt Ion: 43 Resp: 8427

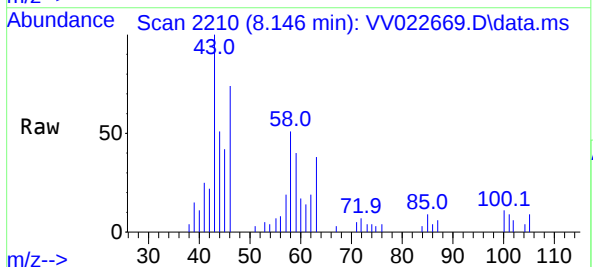
Ion Ratio Lower Upper

43 100

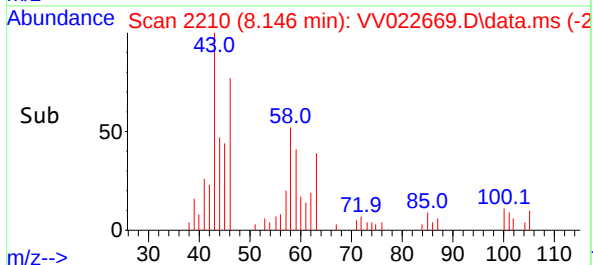
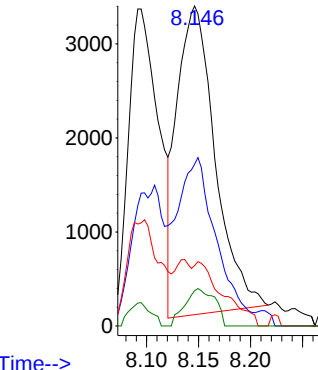
58 45.1 47.4 71.0#

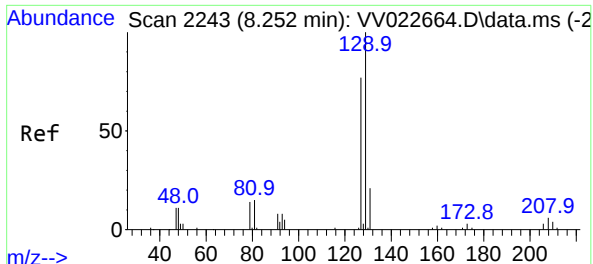
57 2.0 15.3 22.9#

100 9.4 10.4 15.6#



Abundance





#49

Dibromochloromethane

Concen: 2.219 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.273 min

Lab File: VV022669.D

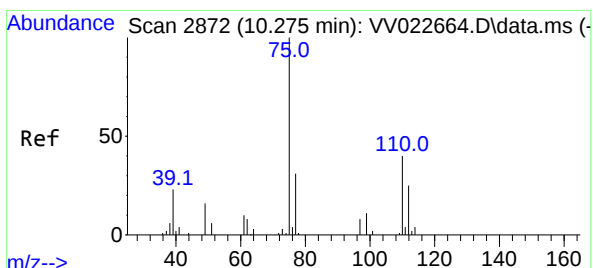
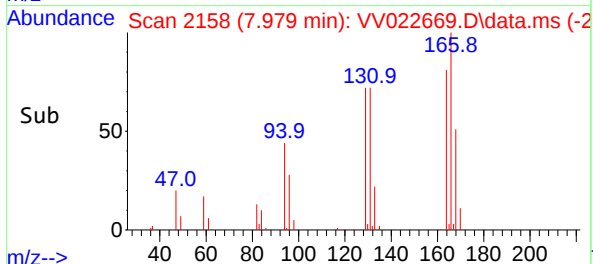
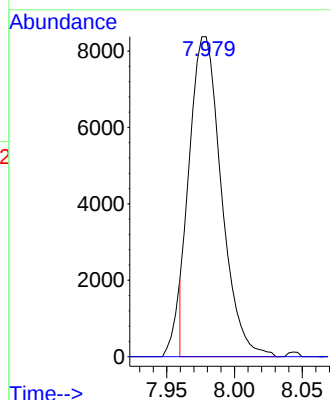
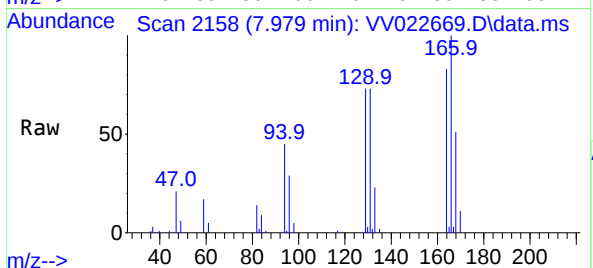
Acq: 07 Oct 2021 17:53

Tgt Ion:129 Resp: 13605

Ion Ratio Lower Upper

129 100

127 0.0 59.1 109.9#



#61

1,2,3-Trichloropropane

Concen: 1.572 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV022669.D

Acq: 07 Oct 2021 17:53

Tgt Ion: 75 Resp: 5416

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2

110 2.9 34.2 51.4#

