

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041122\
 Data File : VW025452.D
 Acq On : 11 Apr 2022 15:59
 Operator : SY/MD
 Sample : N2319-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H7

Quant Time: Apr 12 07:06:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 12 07:03:45 2022
 Response via : Initial Calibration

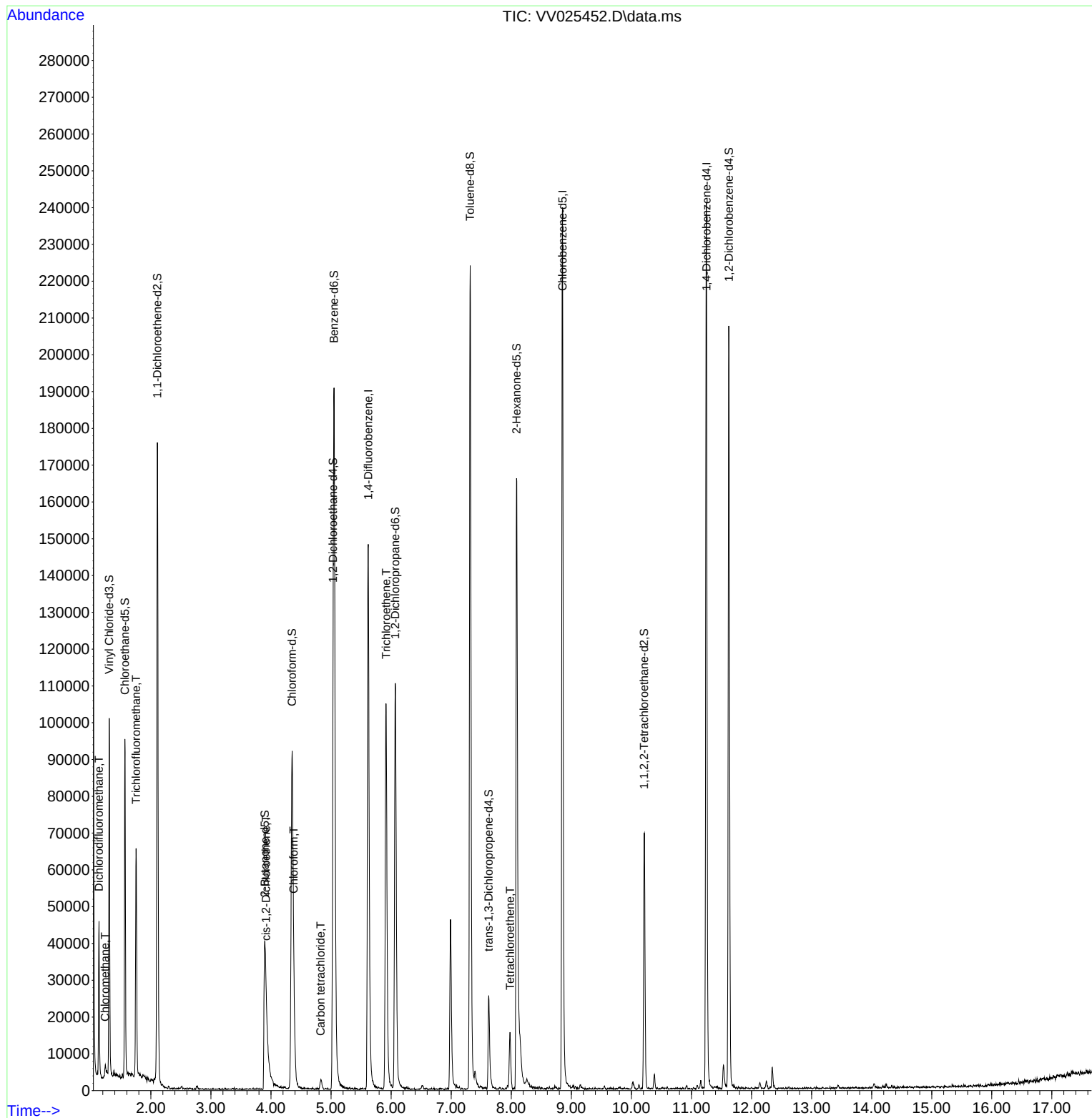
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133634	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	134825	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63482	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59295	4.773	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.400%	
7) Chloroethane-d5	1.568	69	57281	4.334	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.600%	
11) 1,1-Dichloroethene-d2	2.108	63	92658	3.723	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.400%	
20) 2-Butanone-d5	3.896	46	80704	53.402	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.800%	
24) Chloroform-d	4.352	84	90875	4.840	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.034	65	43435	5.369	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
32) Benzene-d6	5.050	84	176550	4.526	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.069	67	53618	4.928	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.317	98	152236	4.205	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	7.625	79	15533	4.248	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.088	63	58938	45.924	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.840%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33077	4.812	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	51479	4.837	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	1187	0.098	ug/L	98
3) Chloromethane	1.240	50	1158	0.088	ug/L	98
9) Trichlorofluoromethane	1.754	101	35026	1.682	ug/L	98
22) cis-1,2-Dichloroethene	3.918	96	962	0.094	ug/L #	67
25) Chloroform	4.378	83	17997	1.036	ug/L	90
31) Carbon tetrachloride	4.828	117	1811	0.135	ug/L	89
34) Trichloroethene	5.915	95	37559	3.552	ug/L	98
47) Tetrachloroethene	7.982	164	3697	0.447	ug/L	89

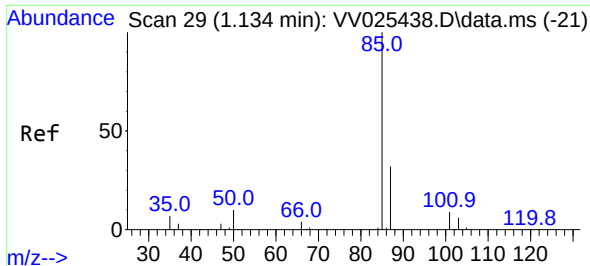
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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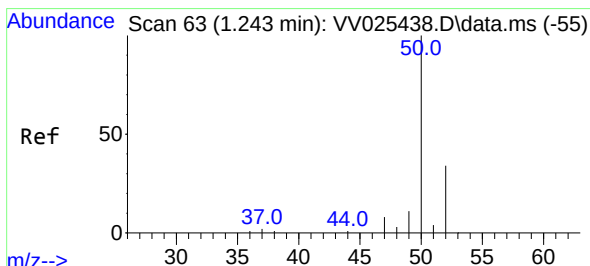
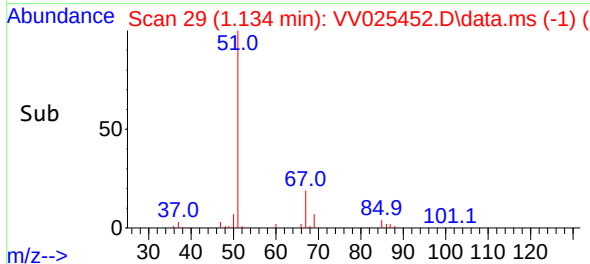
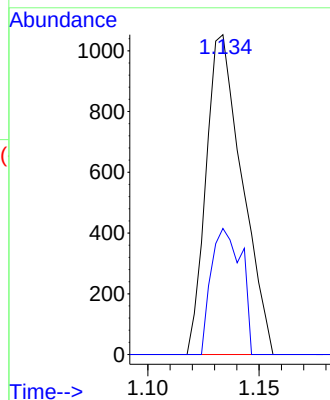
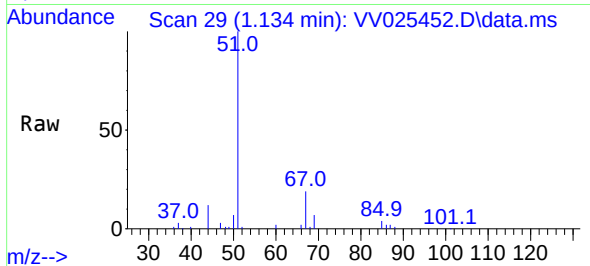




#2
 Dichlorodifluoromethane
 Concen: 0.098 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VV025452.D
 Acq: 11 Apr 2022 15:59

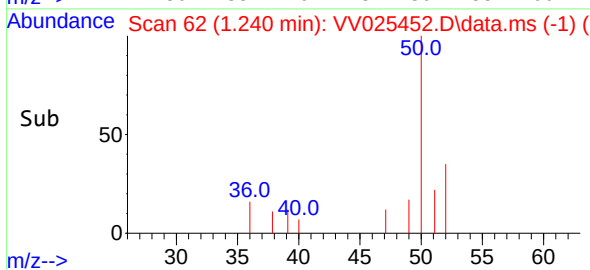
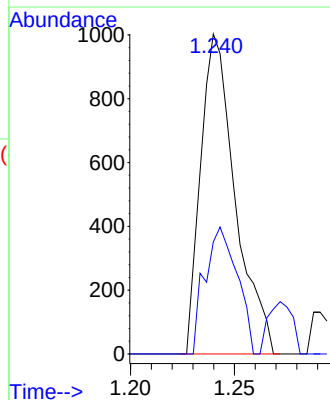
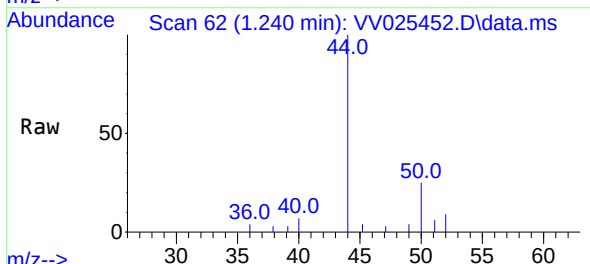
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2H7

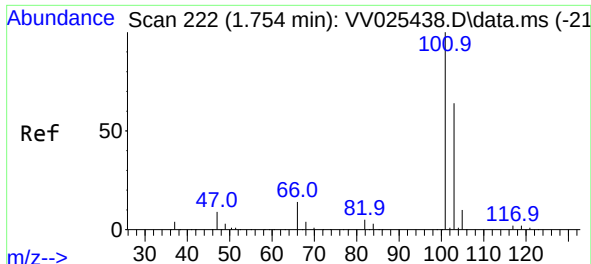
Tgt Ion: 85 Resp: 1187
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.6 38.4



#3
 Chloromethane
 Concen: 0.088 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV025452.D
 Acq: 11 Apr 2022 15:59

Tgt Ion: 50 Resp: 1158
 Ion Ratio Lower Upper
 50 100
 52 35.0 23.7 43.9

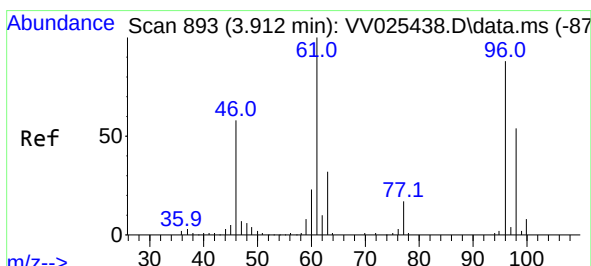
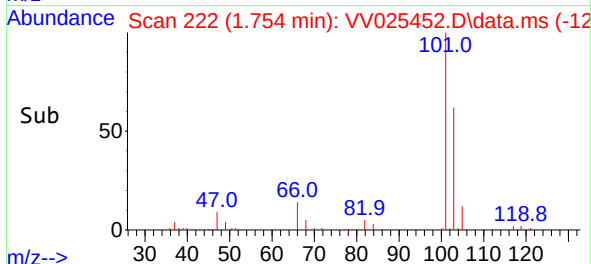
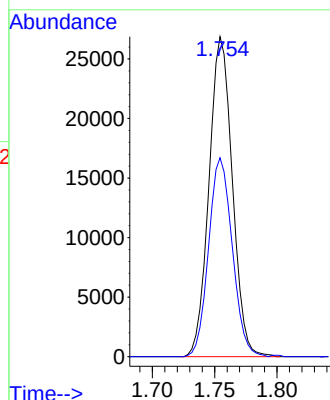
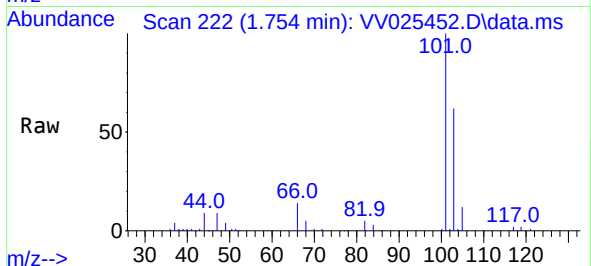




#9
Trichlorofluoromethane
Concen: 1.682 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025452.D
Acq: 11 Apr 2022 15:59

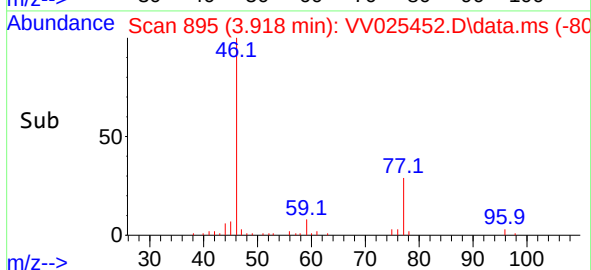
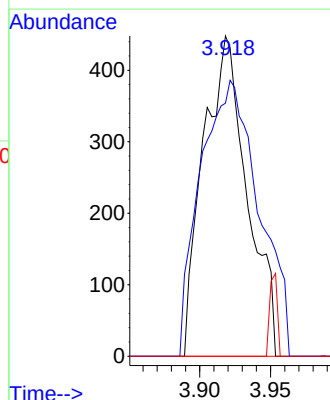
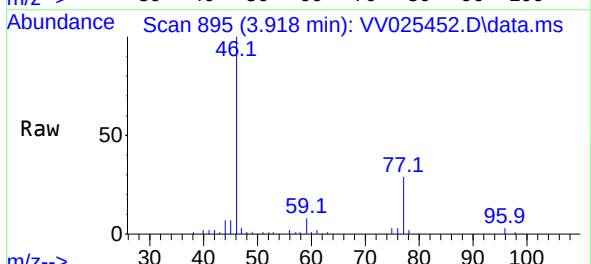
Instrument :
MSVOA_V
ClientSampleId :
YB2H7

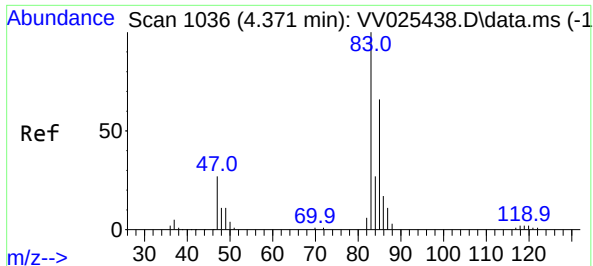
Tgt Ion:101 Resp: 35026
Ion Ratio Lower Upper
101 100
103 63.0 51.9 77.9



#22
cis-1,2-Dichloroethene
Concen: 0.094 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.007 min
Lab File: VV025452.D
Acq: 11 Apr 2022 15:59

Tgt Ion: 96 Resp: 962
Ion Ratio Lower Upper
96 100
61 79.0 80.0 148.6#
68 0.0 0.0 0.0





#25

Chloroform

Concen: 1.036 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV025452.D

Acq: 11 Apr 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

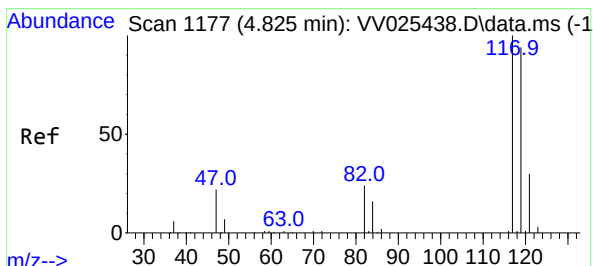
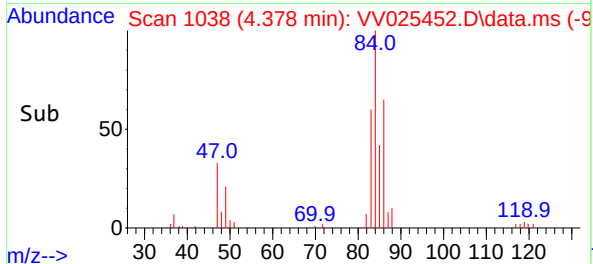
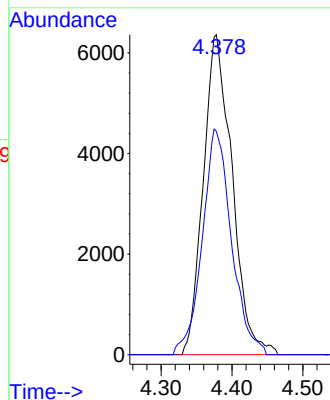
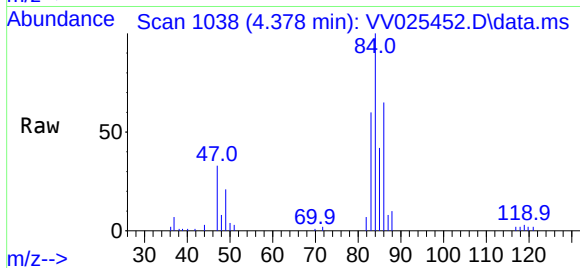
YB2H7

Tgt Ion: 83 Resp: 17997

Ion Ratio Lower Upper

83 100

85 69.8 43.5 80.7



#31

Carbon tetrachloride

Concen: 0.135 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VV025452.D

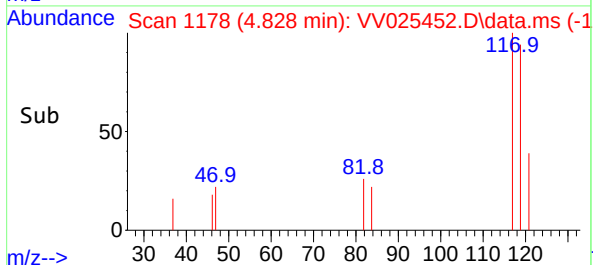
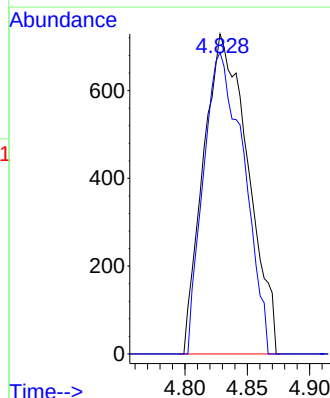
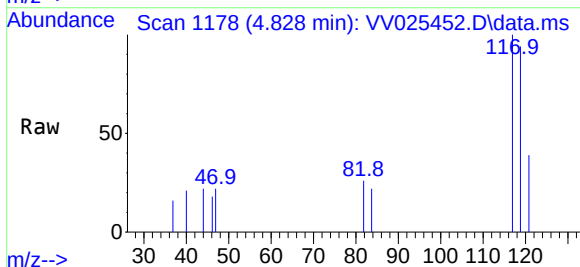
Acq: 11 Apr 2022 15:59

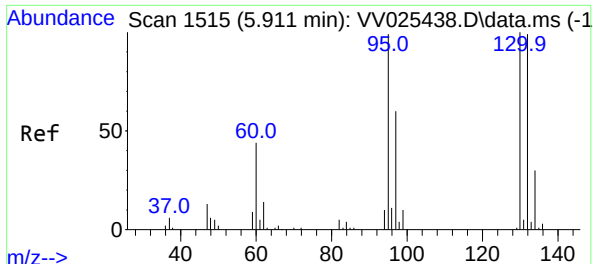
Tgt Ion: 117 Resp: 1811

Ion Ratio Lower Upper

117 100

119 85.3 76.6 114.8





#34

Trichloroethene

Concen: 3.552 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025452.D

Acq: 11 Apr 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

YB2H7

Tgt Ion: 95 Resp: 37559

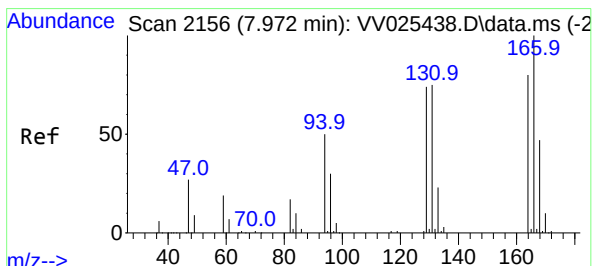
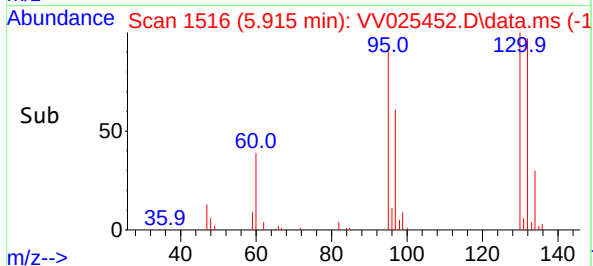
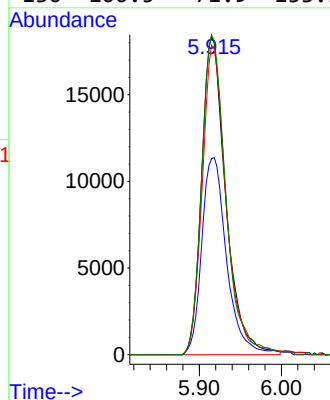
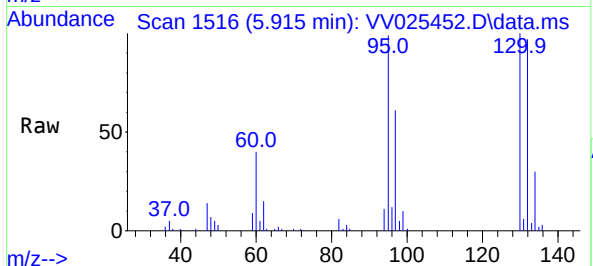
Ion Ratio Lower Upper

95 100

97 61.5 45.8 85.2

132 97.3 68.0 126.4

130 100.5 71.9 133.5



#47

Tetrachloroethene

Concen: 0.447 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.010 min

Lab File: VV025452.D

Acq: 11 Apr 2022 15:59

Tgt Ion:164 Resp: 3697

Ion Ratio Lower Upper

164 100

129 89.5 66.8 124.2

131 88.2 66.4 123.4

166 110.2 91.7 170.3

