

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028894.D
 Acq On : 11 Nov 2022 22:52
 Operator : SY/MD
 Sample : N5592-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC1

Quant Time: Nov 12 02:58:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:27:09 2022
 Response via : Initial Calibration

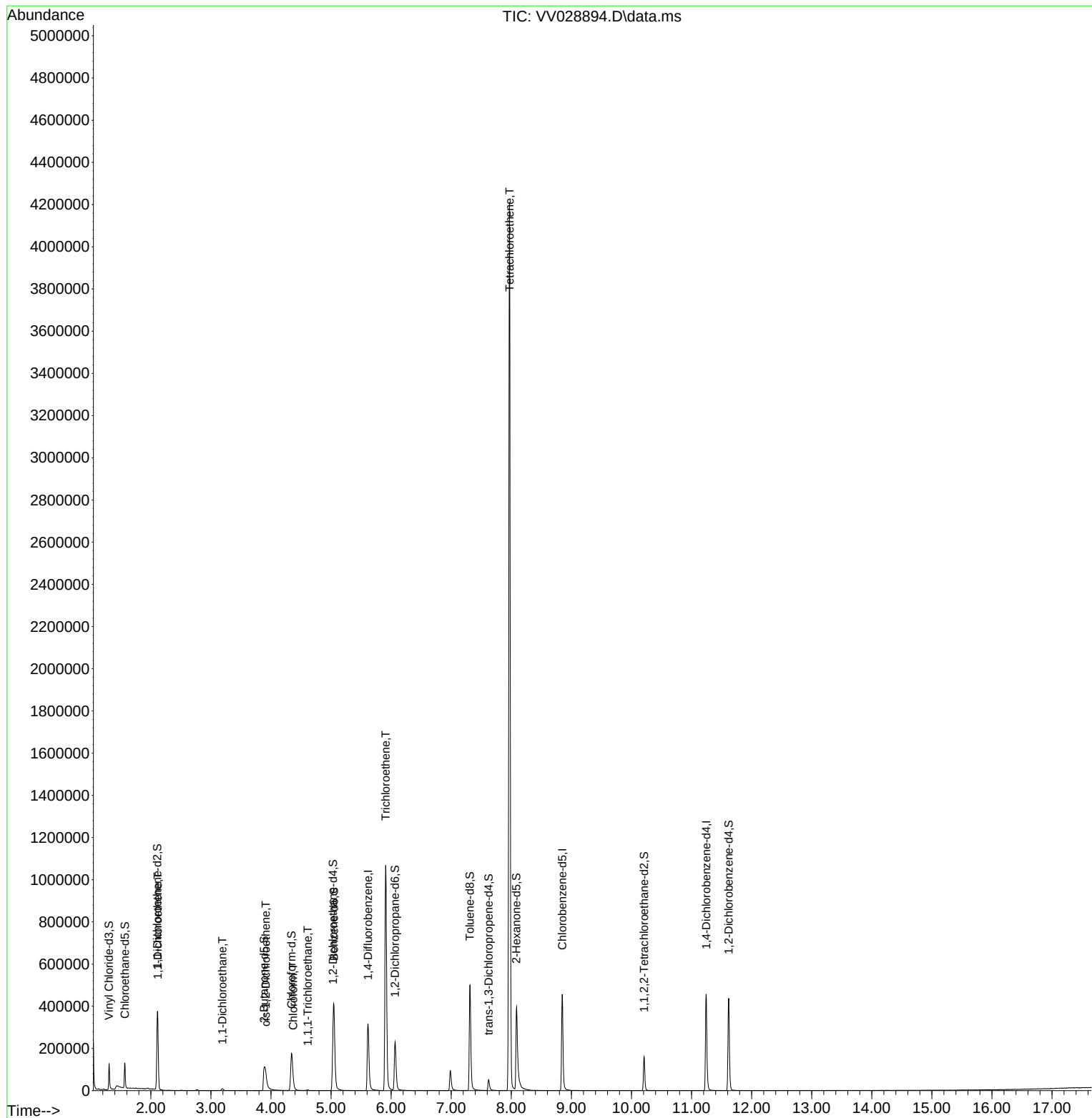
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	299261	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	277417	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	132523	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	86590	4.746	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.000%	
7) Chloroethane-d5	1.568	69	79593	4.963	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.200%	
11) 1,1-Dichloroethene-d2	2.108	63	152083	4.574	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.400%	
20) 2-Butanone-d5	3.886	46	188430	61.699	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.400%	
24) Chloroform-d	4.343	84	191098	5.102	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.031	65	88581	5.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	5.047	84	406923	4.914	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
36) 1,2-Dichloropropane-d6	6.066	67	119846	5.183	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.600%	
41) Toluene-d8	7.310	98	360738	4.840	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.800%	
43) trans-1,3-Dichloroprop...	7.622	79	35273	4.677	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.085	63	171810	53.374	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.740%	
56) 1,1,2,2-Tetrachloroeth...	10.211	84	80174	5.001	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	11.619	152	125302	5.285	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	105.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	66529	3.672	ug/L	91
19) 1,1-Dichloroethane	3.188	63	9900	0.288	ug/L	95
22) cis-1,2-Dichloroethene	3.912	96	26520	1.242	ug/L	95
25) Chloroform	4.368	83	13499	0.375	ug/L	93
29) 1,1,1-Trichloroethane	4.613	97	2910	0.089	ug/L	98
34) Trichloroethene	5.908	95	379155	17.470	ug/L	98
47) Tetrachloroethene	7.969	164	962616	55.393	ug/L	99

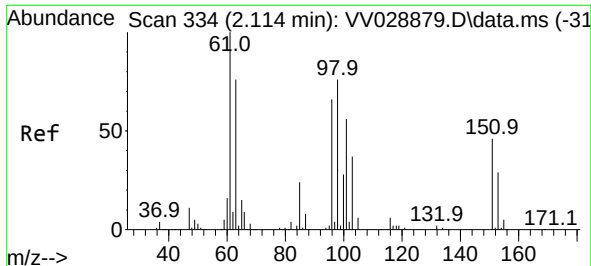
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 11 22:27:09 2022
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#12

1,1-Dichloroethene

Concen: 3.672 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.003 min

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Instrument :

MSVOA_V

ClientSampleId :

H0AC1

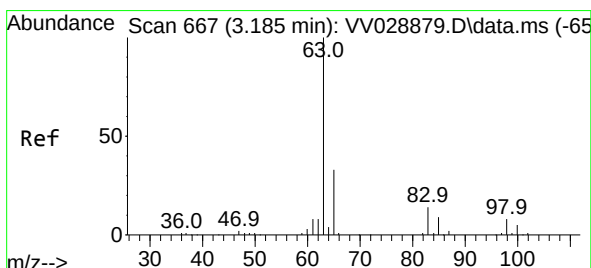
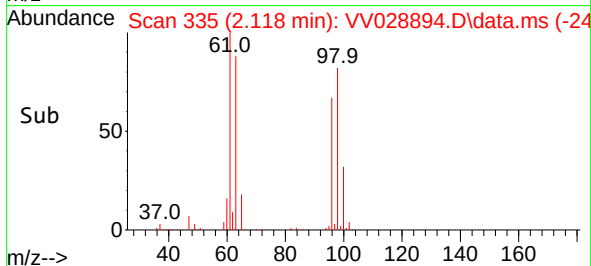
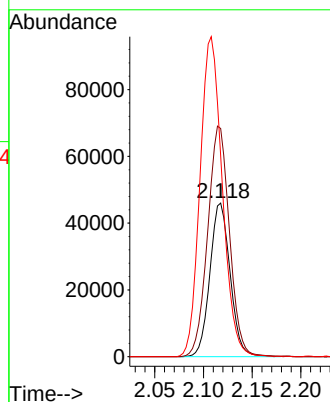
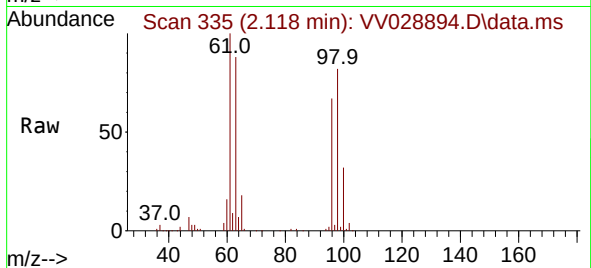
Tgt Ion: 96 Resp: 66529

Ion Ratio Lower Upper

96 100

61 148.6 104.2 193.4

63 130.7 75.9 140.9



#19

1,1-Dichloroethane

Concen: 0.288 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.003 min

Lab File: VV028894.D

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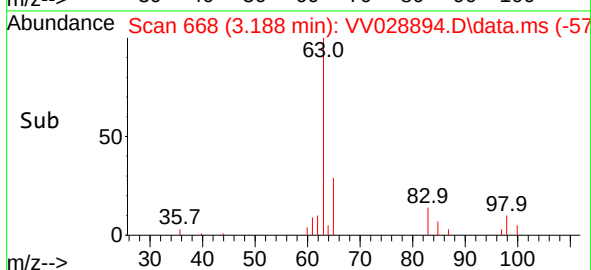
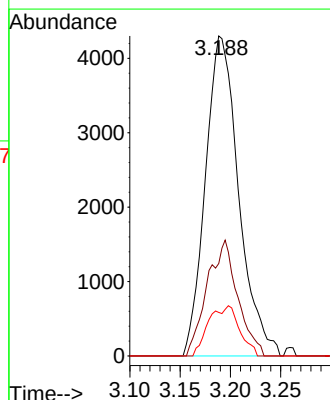
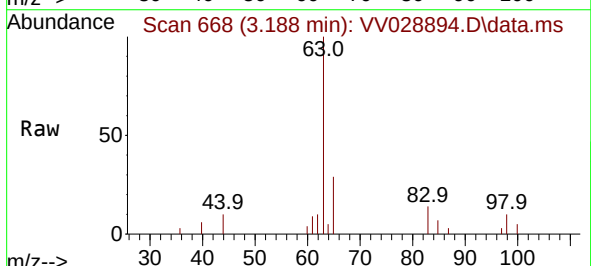
Tgt Ion: 63 Resp: 9900

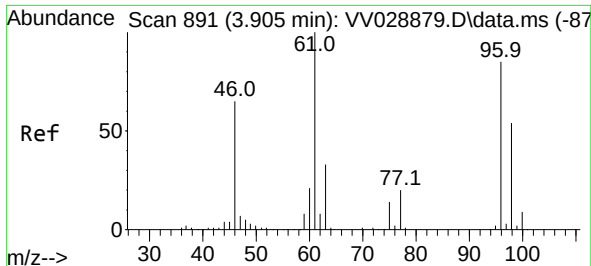
Ion Ratio Lower Upper

63 100

65 28.9 23.0 42.6

83 13.6 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 1.242 ug/L

RT: 3.912 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV028894.D

Acq: 11 Nov 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

H0AC1

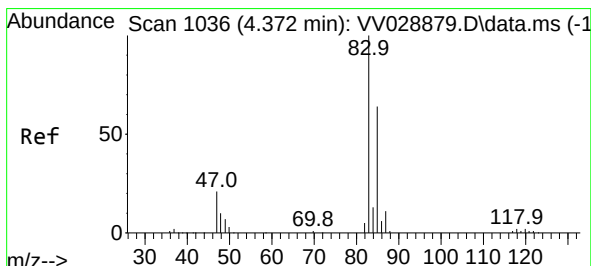
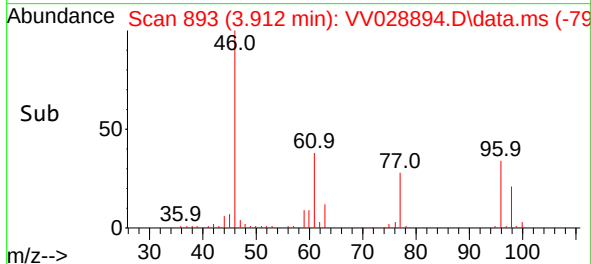
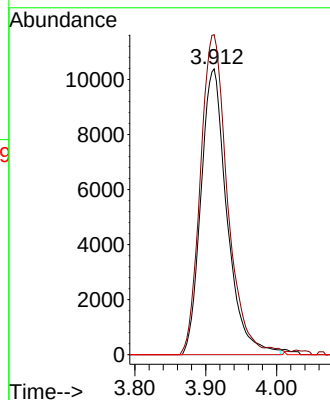
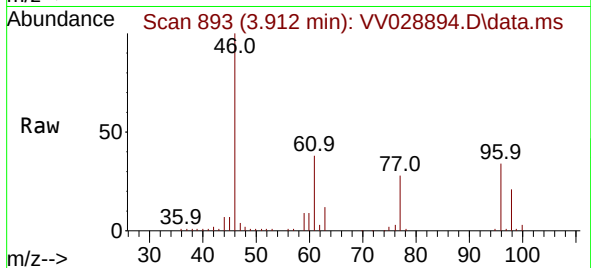
Tgt Ion: 96 Resp: 26520

Ion Ratio Lower Upper

96 100

61 112.0 82.3 152.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.375 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV028894.D

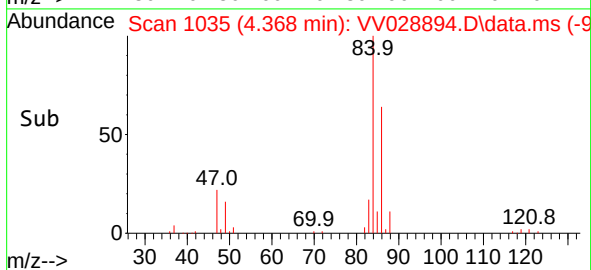
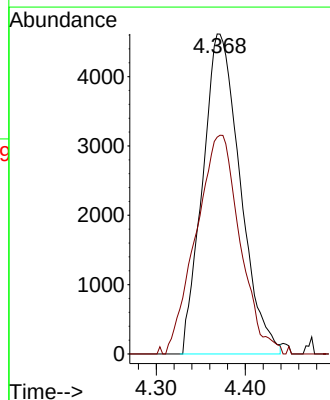
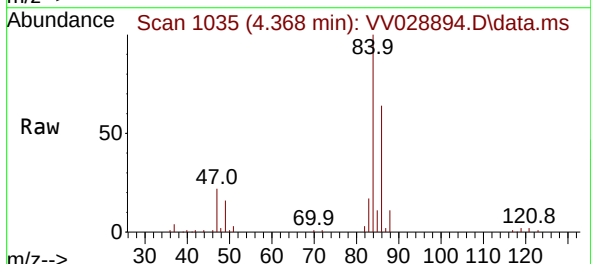
Acq: 11 Nov 2022 22:52

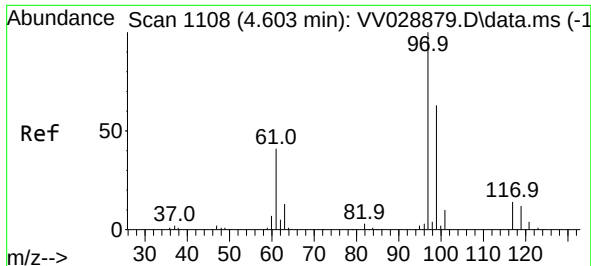
Tgt Ion: 83 Resp: 13499

Ion Ratio Lower Upper

83 100

85 67.8 43.7 81.1





#29

1,1,1-Trichloroethane

Concen: 0.089 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.010 min

Lab File: VV028894.D

Acq: 11 Nov 2022 22:52

Instrument :

MSVOA_V

ClientSampleId :

H0AC1

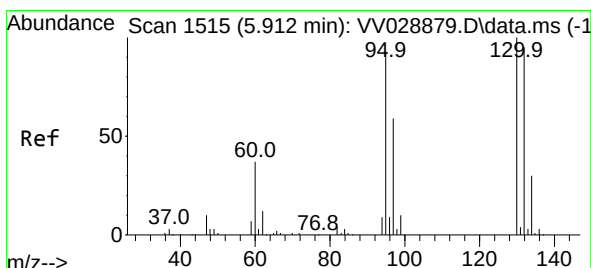
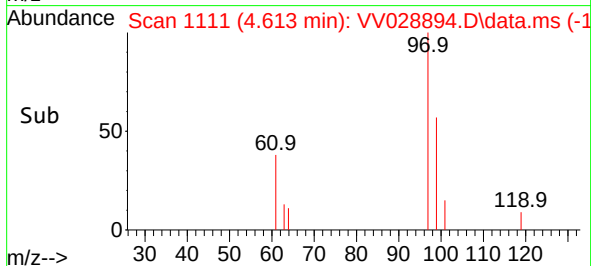
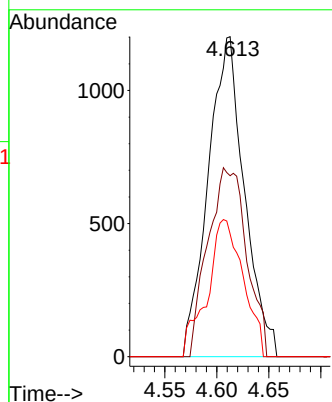
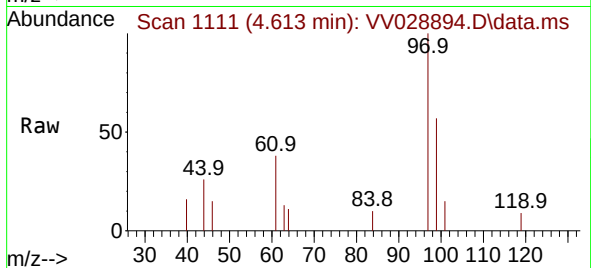
Tgt Ion: 97 Resp: 2910

Ion Ratio Lower Upper

97 100

99 63.4 52.7 79.1

61 42.6 33.8 50.6



#34

Trichloroethene

Concen: 17.470 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV028894.D

Acq: 11 Nov 2022 22:52

Tgt Ion: 95 Resp: 379155

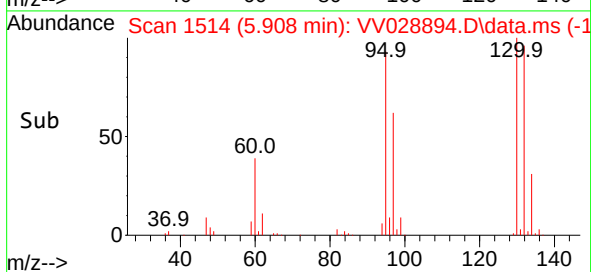
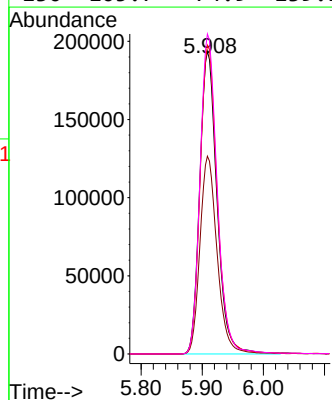
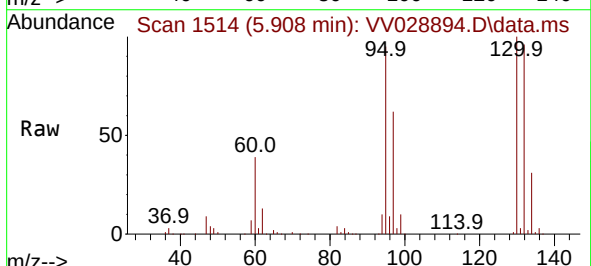
Ion Ratio Lower Upper

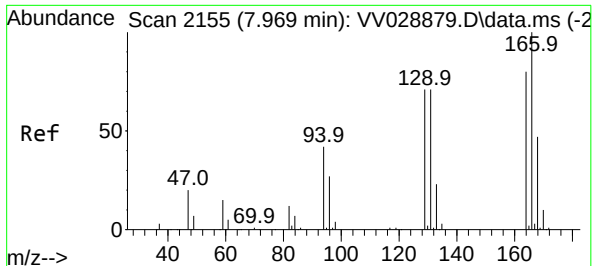
95 100

97 65.3 45.6 84.8

132 102.0 69.1 128.3

130 105.7 74.9 139.1





#47
 Tetrachloroethene
 Concen: 55.393 ug/L
 RT: 7.969 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: VV028894.D
 Acq: 11 Nov 2022 22:52

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC1

Tgt Ion:164 Resp: 962616

Ion	Ratio	Lower	Upper
164	100		
129	91.1	63.9	118.7
131	88.9	61.8	114.8
166	126.1	90.2	167.4

