

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029052.D
 Acq On : 17 Nov 2022 05:54
 Operator : SY/MD
 Sample : N5592-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB5

Quant Time: Nov 17 06:30:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

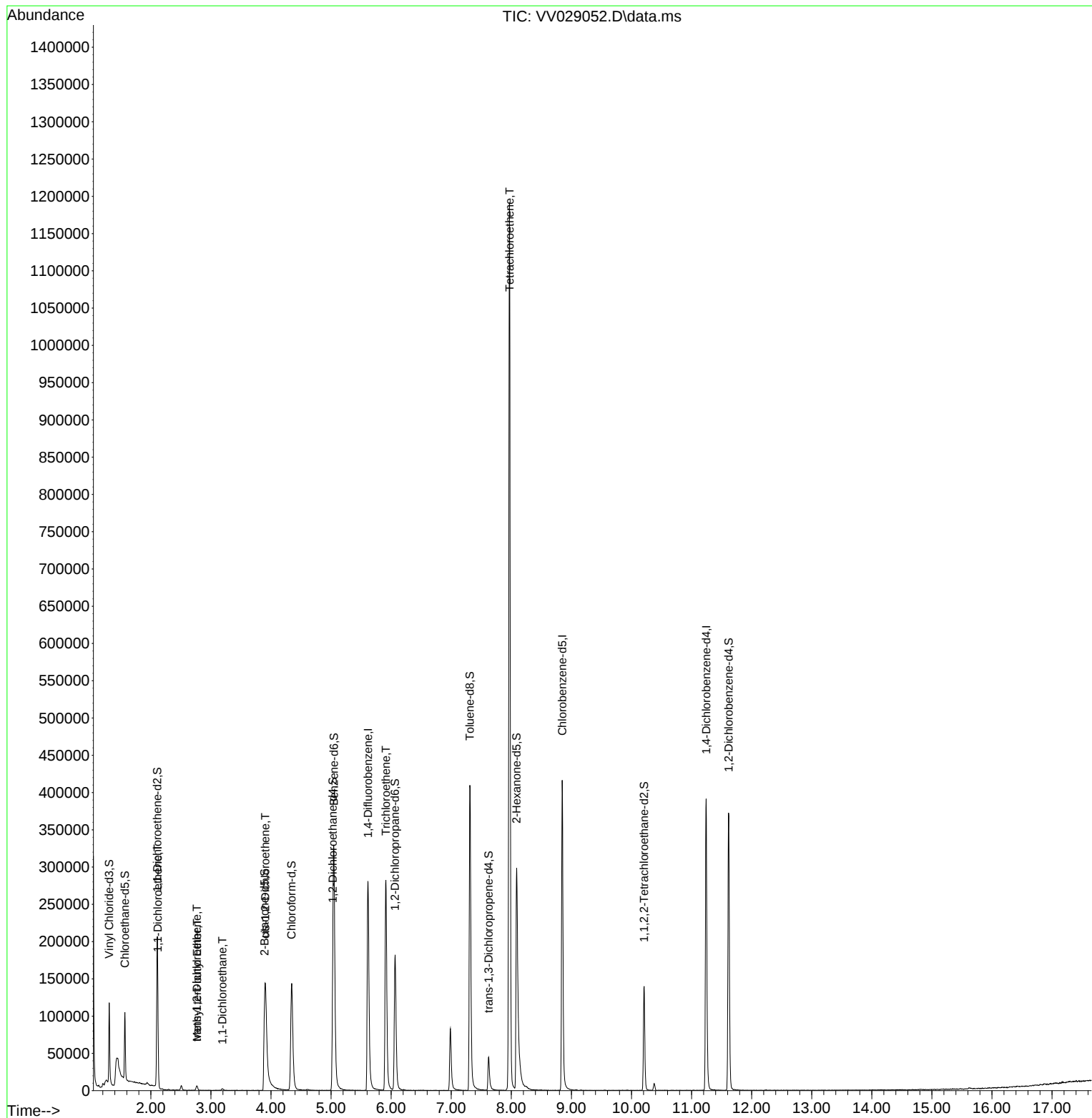
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	275502	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	251372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	116897	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69855	4.159	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.568	69	56840	3.850	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.000%	
11) 1,1-Dichloroethene-d2	2.108	63	99489	3.250	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.000%	
20) 2-Butanone-d5	3.892	46	156178	55.548	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.100%	
24) Chloroform-d	4.342	84	155454	4.508	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
26) 1,2-Dichloroethane-d4	5.027	65	73234	4.720	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.047	84	334108	4.453	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
36) 1,2-Dichloropropane-d6	6.066	67	94755	4.523	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.400%	
41) Toluene-d8	7.310	98	304135	4.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
43) trans-1,3-Dichloroprop...	7.622	79	30615	4.480	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.600%	
46) 2-Hexanone-d5	8.088	63	131521	45.091	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.180%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70598	4.860	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	11.619	152	109144	5.219	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.117	96	10616	0.637	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	2921	0.082	ug/L #	89
18) trans-1,2-Dichloroethene	2.764	96	1713	0.089	ug/L	77
19) 1,1-Dichloroethane	3.191	63	2723	0.086	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	54721	2.783	ug/L	92
34) Trichloroethene	5.911	95	103183	5.247	ug/L	97
47) Tetrachloroethene	7.969	164	281415	17.872	ug/L	99

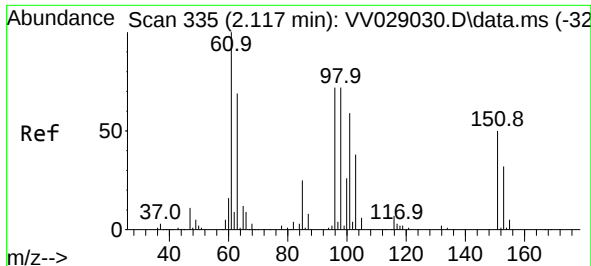
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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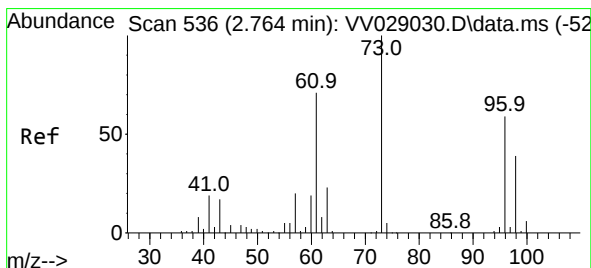
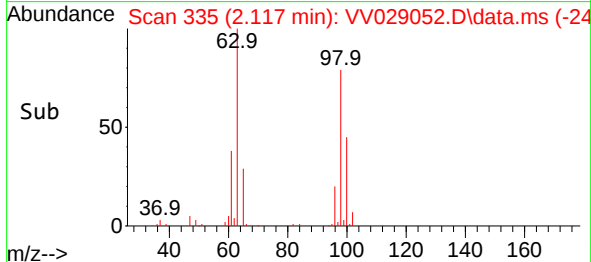
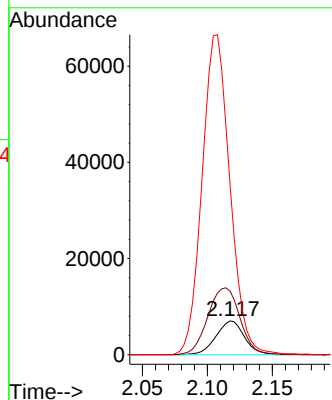
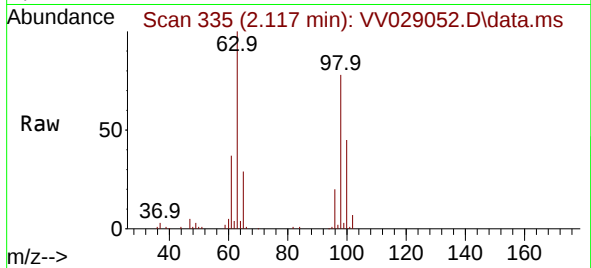




#12
 1,1-Dichloroethene
 Concen: 0.637 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VV029052.D
 Acq: 17 Nov 2022 05:54

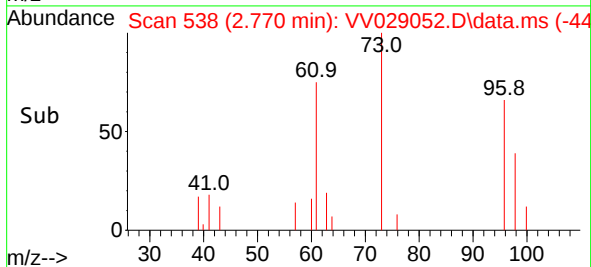
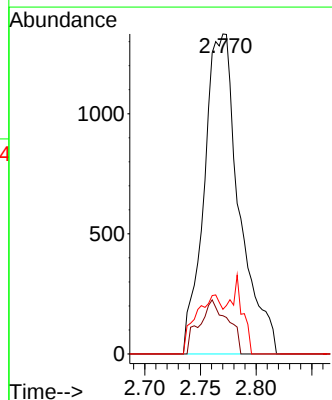
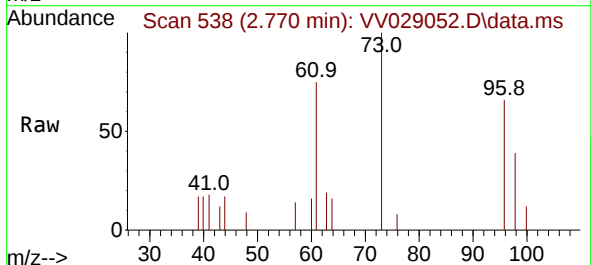
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB5

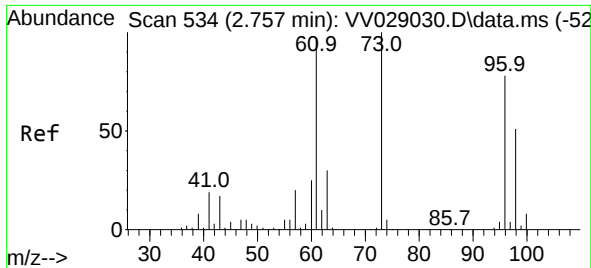
Tgt Ion: 96 Resp: 10616
 Ion Ratio Lower Upper
 96 100
 61 188.1 104.2 193.4
 63 502.6 75.9 140.9#



#17
 Methyl tert-butyl Ether
 Concen: 0.082 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.006 min
 Lab File: VV029052.D
 Acq: 17 Nov 2022 05:54

Tgt Ion: 73 Resp: 2921
 Ion Ratio Lower Upper
 73 100
 43 13.7 13.0 19.4
 57 13.7 16.6 24.8#

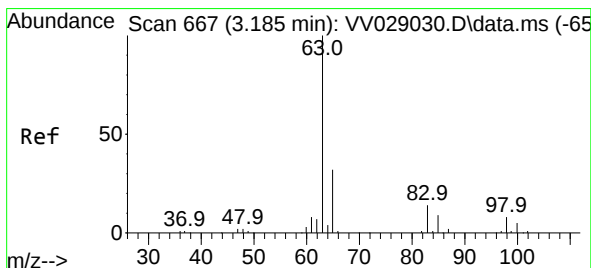
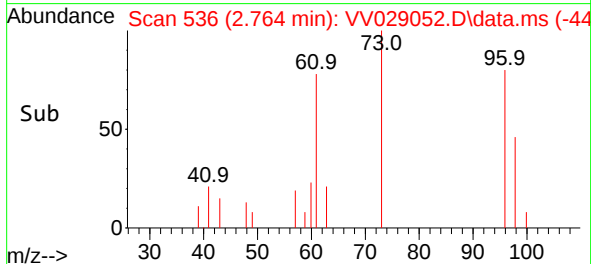
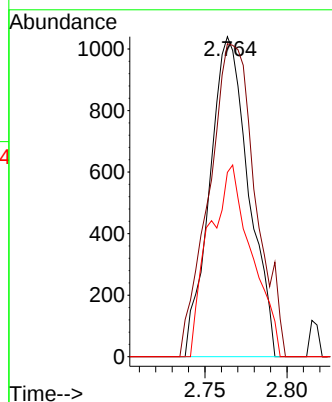
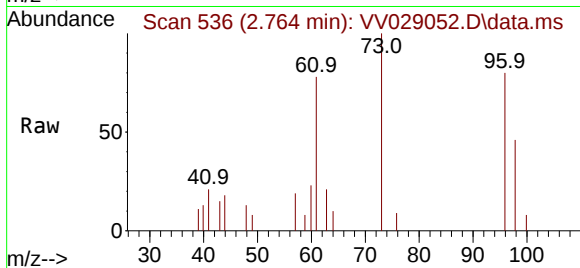




#18
 trans-1,2-Dichloroethene
 Concen: 0.089 ug/L
 RT: 2.764 min Scan# 511
 Delta R.T. 0.006 min
 Lab File: VV029052.D
 Acq: 17 Nov 2022 05:54

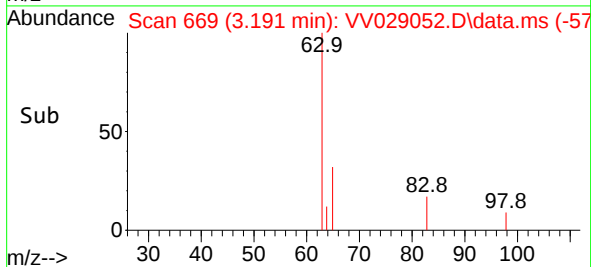
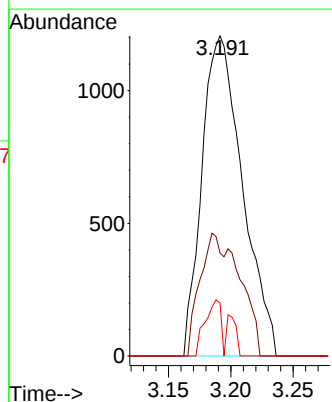
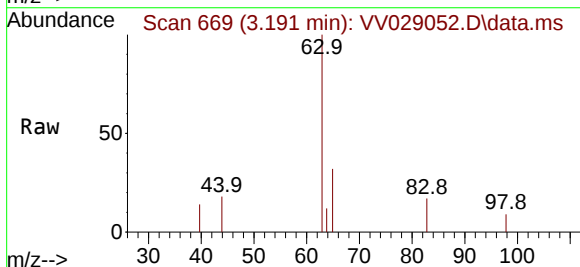
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB5

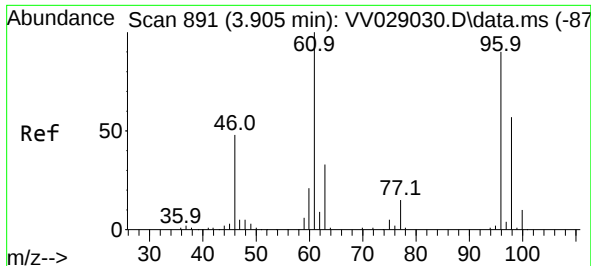
Tgt Ion:	96	Resp:	1713
Ion	Ratio	Lower	Upper
96	100		
61	97.8	91.8	170.6
98	57.6	46.4	86.2



#19
 1,1-Dichloroethane
 Concen: 0.086 ug/L
 RT: 3.191 min Scan# 669
 Delta R.T. 0.006 min
 Lab File: VV029052.D
 Acq: 17 Nov 2022 05:54

Tgt Ion:	63	Resp:	2723
Ion	Ratio	Lower	Upper
63	100		
65	28.7	23.0	42.6
83	14.8	9.4	17.6





#22

cis-1,2-Dichloroethene

Concen: 2.783 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV029052.D

Acq: 17 Nov 2022 05:54

Instrument :

MSVOA_V

ClientSampleId :

H0AB5

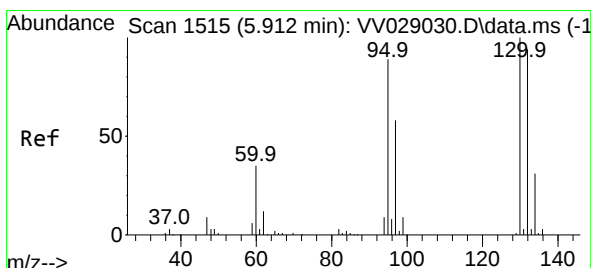
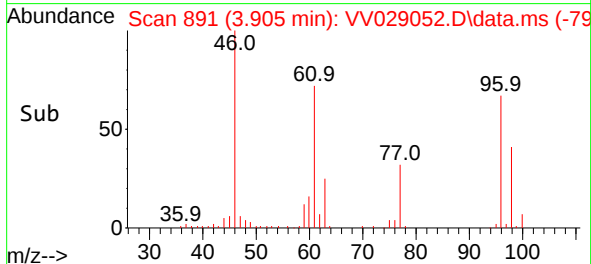
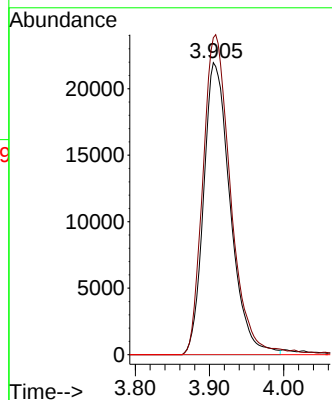
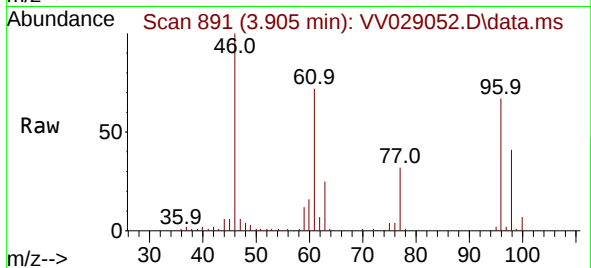
Tgt Ion: 96 Resp: 54721

Ion Ratio Lower Upper

96 100

61 108.5 82.3 152.9

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 5.247 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV029052.D

Acq: 17 Nov 2022 05:54

Tgt Ion: 95 Resp: 103183

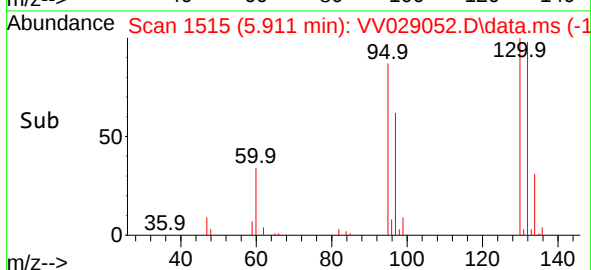
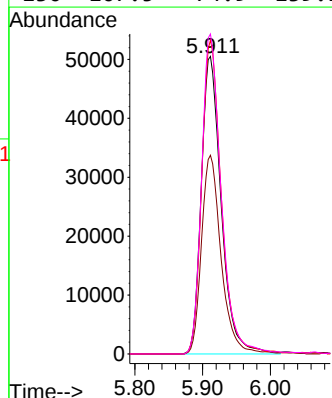
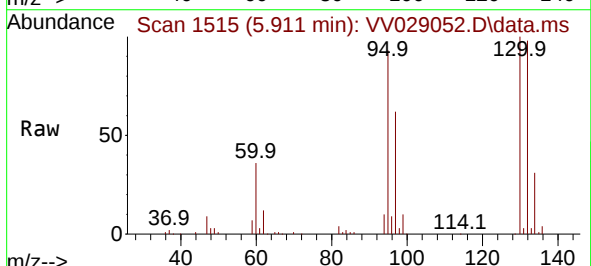
Ion Ratio Lower Upper

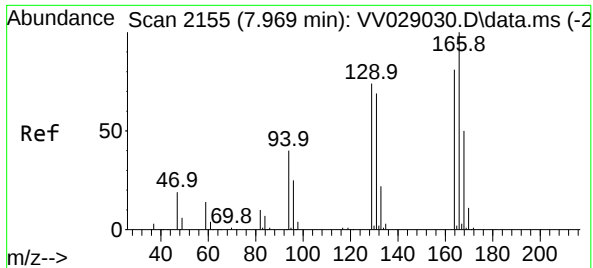
95 100

97 66.7 45.6 84.8

132 105.4 69.1 128.3

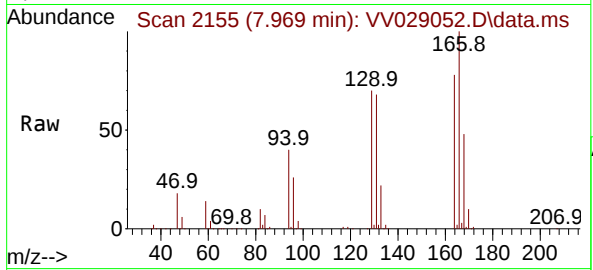
130 107.5 74.9 139.1





#47
 Tetrachloroethene
 Concen: 17.872 ug/L
 RT: 7.969 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029052.D
 Acq: 17 Nov 2022 05:54

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB5



Tgt Ion:164 Resp: 281415

Ion	Ratio	Lower	Upper
164	100		
129	90.2	63.9	118.7
131	86.9	61.8	114.8
166	128.6	90.2	167.4

