

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021305.D
 Acq On : 11 Dec 2021 01:13
 Operator : SY/VA
 Sample : M5023-19
 Misc : 7.62g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKZ7

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/12/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 11 03:28:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	69538	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	73825	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	38357	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	25214	19.909	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.640%		
7) Chloroethane-d5	2.885	69	19947	23.825	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.280%		
11) 1,1-Dichloroethene-d2	4.019	63	30311	17.952	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	71.800%		
21) 2-Butanone-d5	7.074	46	11764	65.897	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	131.800%		
24) Chloroform-d	7.647	84	50387	26.001	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	104.000%		
26) 1,2-Dichloroethane-d4	8.305	65	27308	26.492	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.960%		
32) Benzene-d6	8.275	84	92828	22.940	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.760%		
36) 1,2-Dichloropropane-d6	9.274	67	26892	24.780	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.120%		
41) Toluene-d8	10.323	98	89331	21.606	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	86.440%		
43) trans-1,3-Dichloroprop...	10.579	79	12216	24.447	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.800%		
47) 2-Hexanone-d5	10.920	63	9463	58.967	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	117.940%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	24394	26.148	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	104.600%		
66) 1,2-Dichlorobenzene-d4	13.853	152	33698	22.669	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.680%		
Target Compounds						
12) 1,1-Dichloroethene	4.044	96	3215	3.730	ug/L	# 15
13) Acetone	4.123	43	1449m	9.054	ug/L	
19) 1,1-Dichloroethane	6.214	63	1670m	1.140	ug/L	
30) 1,1,1-Trichloroethane	7.878	97	44406	26.808	ug/L	95
34) Trichloroethene	9.092	95	9937	8.802	ug/L	93
46) Tetrachloroethene	10.866	164	103439	96.452	ug/L	89

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

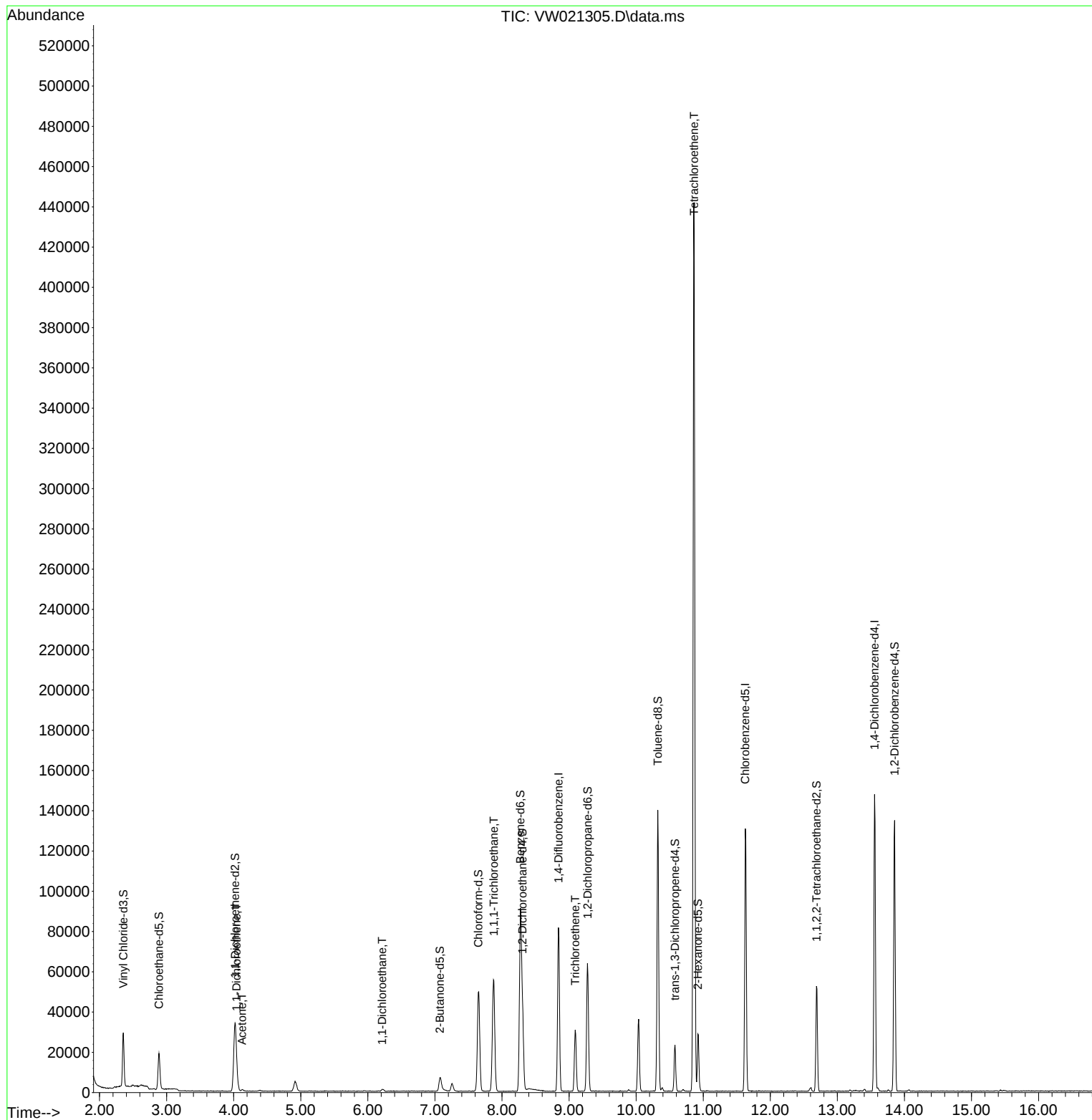
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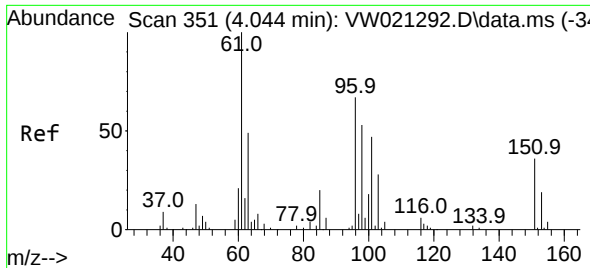
Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: Dec 11 03:28:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration

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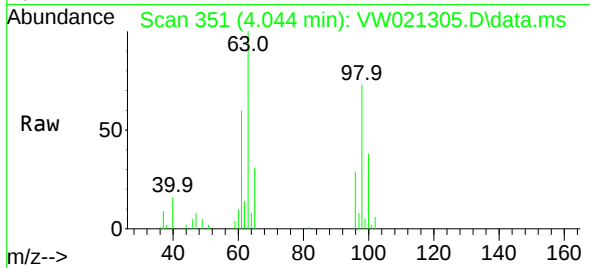
Reviewed By : Semsettin Yesilyurt 12/12/2021
Supervised By : Mahesh Dadoda 12/15/2021





#12
1,1-Dichloroethene
Concen: 3.730 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW021305.D
Acq: 11 Dec 2021 01:13

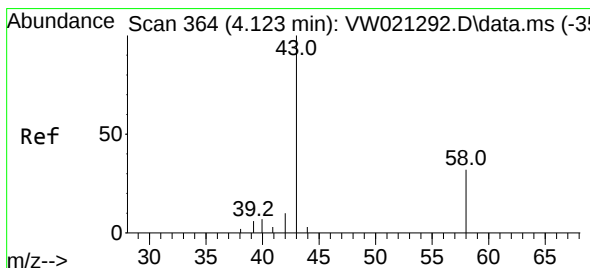
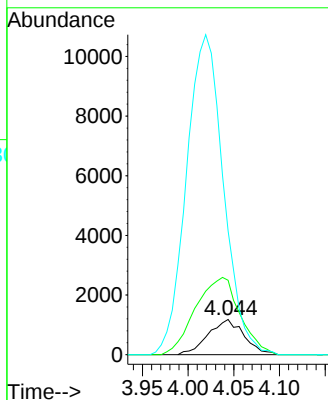
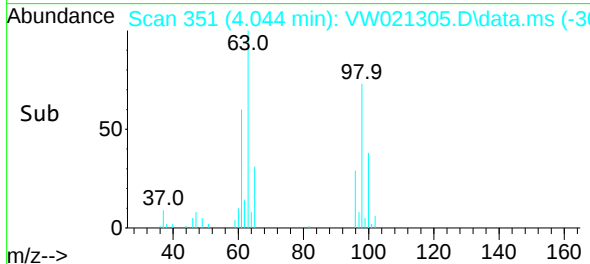
Instrument :
MSVOA_W
ClientSampleId :
BGKZ7



Tgt Ion: 96 Resp: 321
Ion Ratio Lower Upper
96 100
61 211.0 138.3 256.9
63 350.8 82.6 153.4

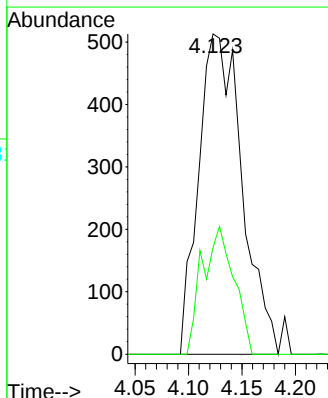
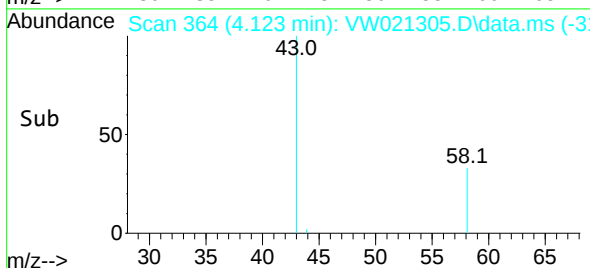
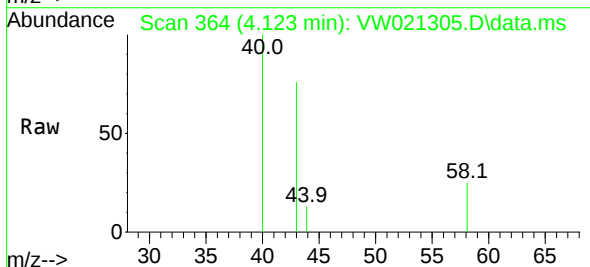
Manual Integrations
APPROVED

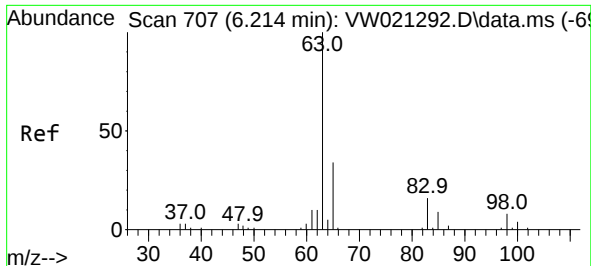
Reviewed By :Semsettin Yesilyurt 12/12/2021
Supervised By :Mahesh Dadoda 12/15/2021



#13
Acetone
Concen: 9.054 ug/L m
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW021305.D
Acq: 11 Dec 2021 01:13

Tgt Ion: 43 Resp: 1449
Ion Ratio Lower Upper
43 100
58 20.6 0.0 52.8





#19

1,1-Dichloroethane

Concen: 1.140 ug/L m

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021305.D

Acq: 11 Dec 2021 01:13

Instrument :

MSVOA_W

ClientSampleId :

BGKZ7

Tgt Ion: 63 Resp: 1670

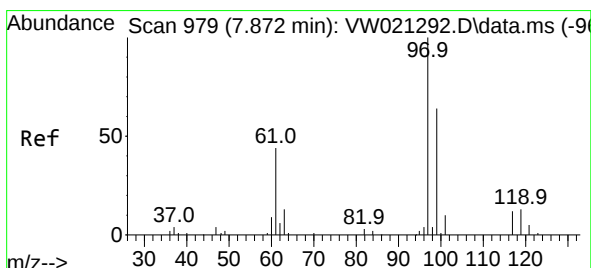
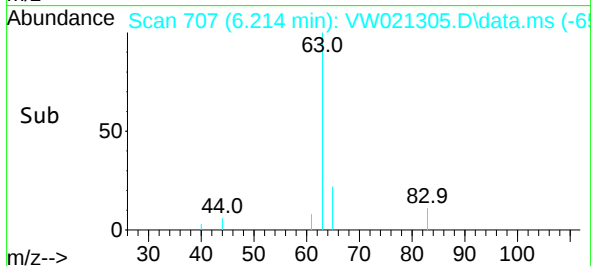
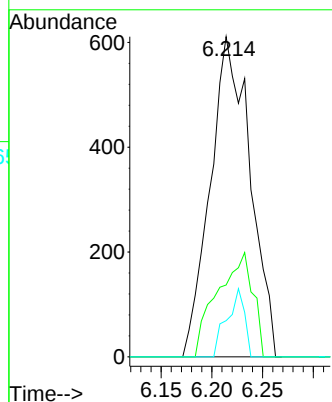
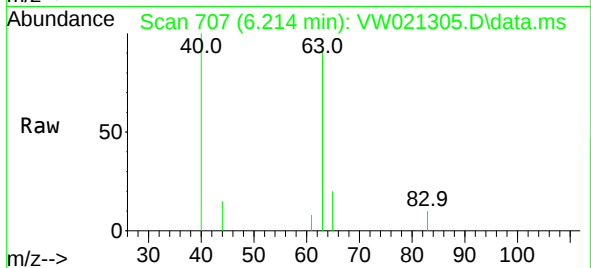
Ion	Ratio	Lower	Upper
63	100		
65	22.4	22.1	41.1
83	11.3	9.2	17.2

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#30

1,1,1-Trichloroethane

Concen: 26.808 ug/L

RT: 7.878 min Scan# 980

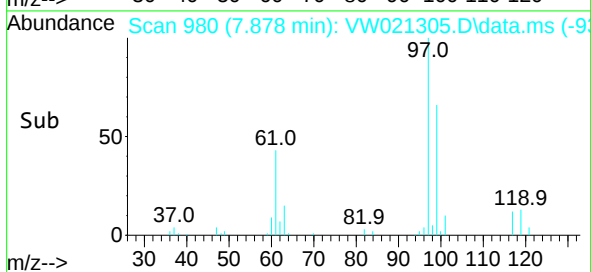
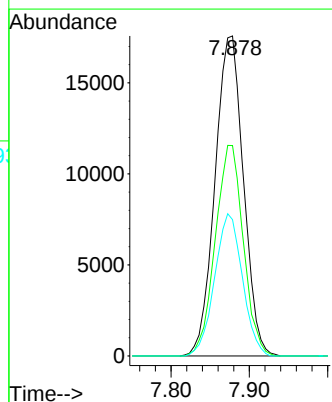
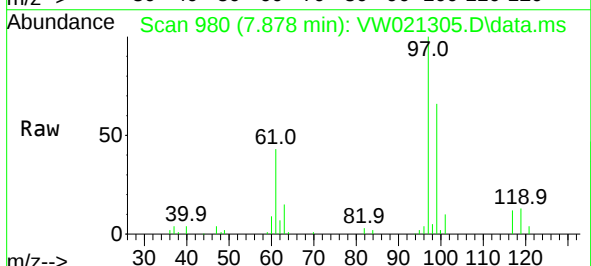
Delta R.T. 0.006 min

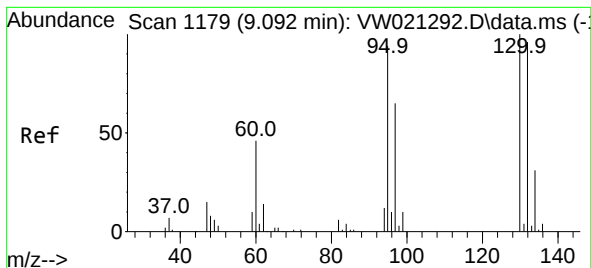
Lab File: VW021305.D

Acq: 11 Dec 2021 01:13

Tgt Ion: 97 Resp: 44406

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	43.3	40.9	61.3





#34

Trichloroethene

Concen: 8.802 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021305.D

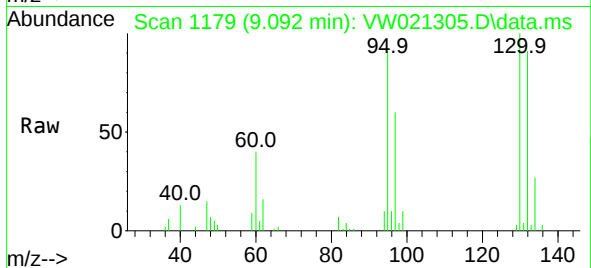
Acq: 11 Dec 2021 01:13

Instrument :

MSVOA_W

ClientSampleId :

BGKZ7



Tgt Ion: 95 Resp: 993

Ion Ratio Lower Upper

95 100

97 66.2 47.0 87.2

132 100.5 65.5 121.6

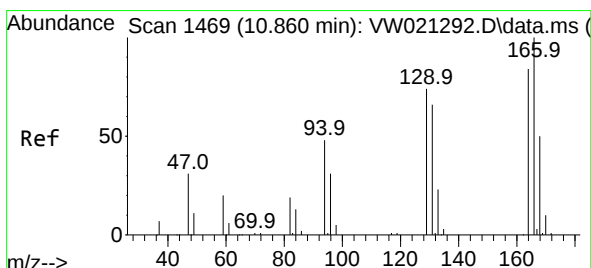
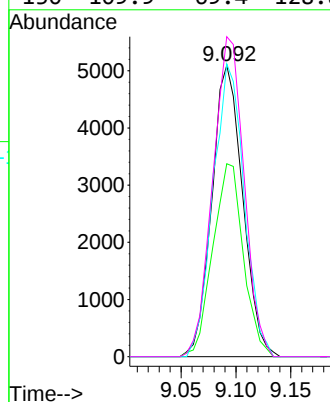
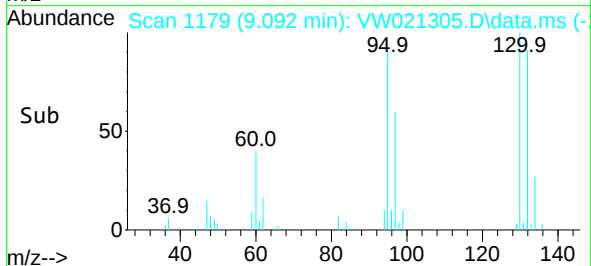
130 109.9 69.4 128.8

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#46

Tetrachloroethene

Concen: 96.452 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021305.D

Acq: 11 Dec 2021 01:13

Tgt Ion:164 Resp: 103439

Ion Ratio Lower Upper

164 100

129 82.9 65.5 121.7

131 79.1 59.7 110.9

166 110.2 88.7 164.7

