

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027400.D
 Acq On : 23 Oct 2023 17:14
 Operator : SY/MD
 Sample : 04961-07
 Misc : 6.02g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LJ3

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 10/31/2023
 Supervised By :Semsettin Yesilyurt 10/31/2023

Quant Time: Oct 31 06:38:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Oct 27 01:27:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	337864	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	166415	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	29639	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	104192	20.207	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.840%		
7) Chloroethane-d5	2.893	69	85377	23.060	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	92.240%		
11) 1,1-Dichloroethene-d2	4.021	65	45665	17.674	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.680%		
21) 2-Butanone-d5	7.081	46	116179	67.788	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	135.580%#		
24) Chloroform-d	7.654	84	230511	22.891	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.560%		
26) 1,2-Dichloroethane-d4	8.307	65	144625m	26.736	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	106.960%		
32) Benzene-d6	8.276	84	440743	39.145	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	156.600%#		
36) 1,2-Dichloropropane-d6	9.276	67	158062	45.962	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	183.840%#		
41) Toluene-d8	10.325	98	245934	24.087	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.360%		
43) trans-1,3-Dichloroprop...	10.574	79	41150	26.244	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	104.960%		
47) 2-Hexanone-d5	10.922	63	79278	111.422	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	222.840%#		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	125250	48.815	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	195.280%#		
66) 1,2-Dichlorobenzene-d4	13.848	152	26914	25.058	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	100.240%		
Target Compounds						
13) Acetone	4.143	43	7403	5.001	ug/L	81
17) trans-1,2-Dichloroethene	5.429	96	5965	1.253	ug/L	98
19) 1,1-Dichloroethane	6.222	63	14185	1.460	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	90448	16.821	ug/L	98
34) Trichloroethene	9.093	95	223772	77.892	ug/L	97
46) Tetrachloroethene	10.861	164	1116731	562.957	ug/L	88

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

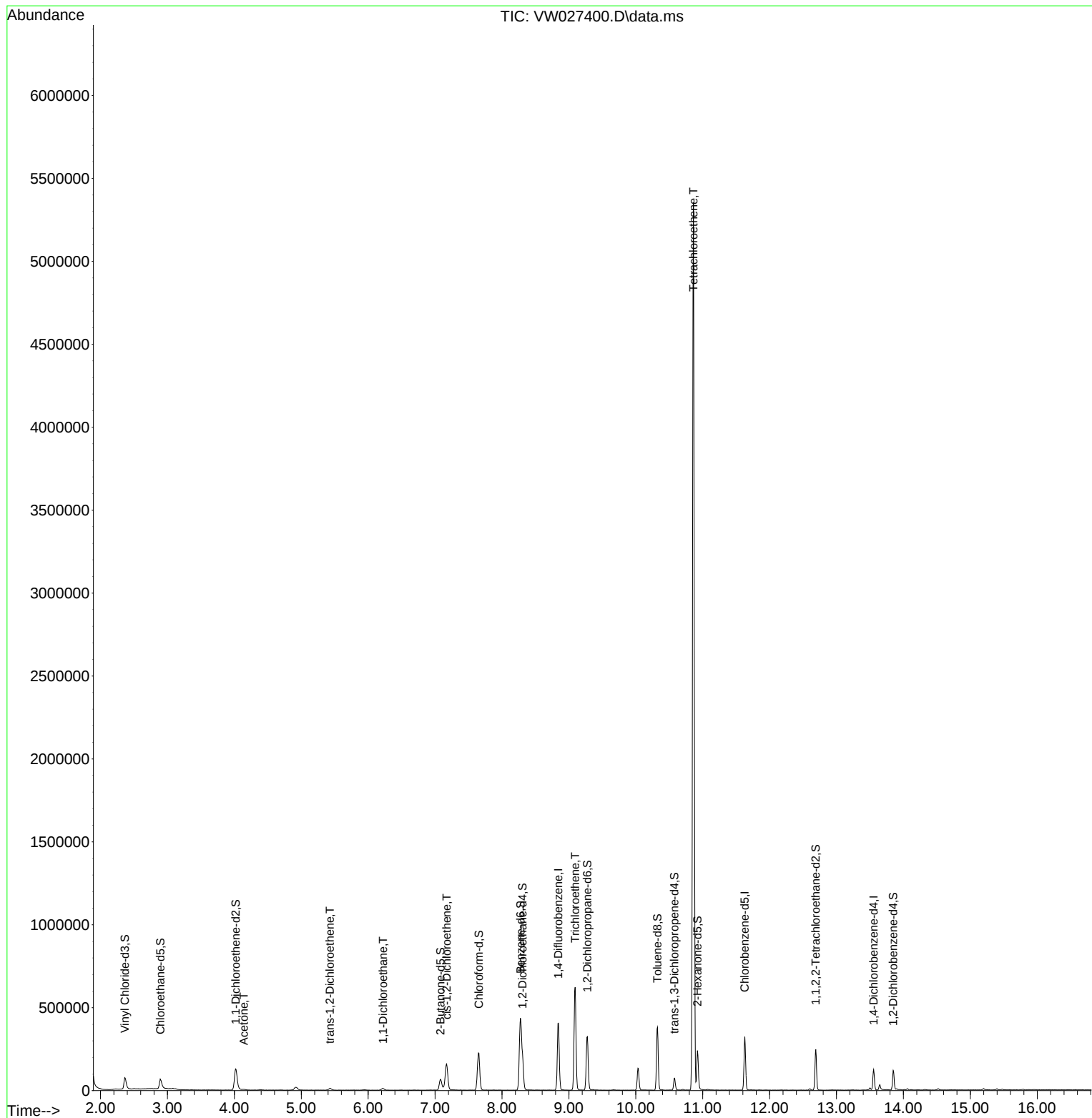
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
Data File : VW027400.D
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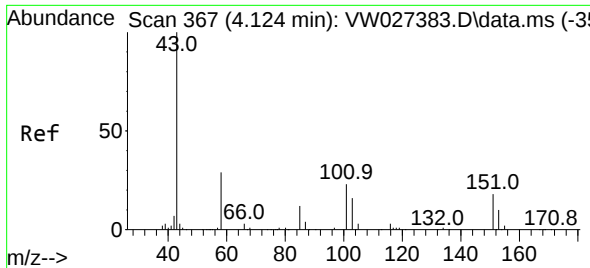
Instrument :
MSVOA_W
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Oct 27 01:27:32 2023
Response via : Initial Calibration





#13

Acetone

Concen: 5.001 ug/L

RT: 4.143 min Scan# 367

Delta R.T. 0.024 min

Lab File: VW027400.D

Acq: 23 Oct 2023 17:14

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3

Tgt Ion: 43 Resp: 740

Ion Ratio Lower Upper

43 100

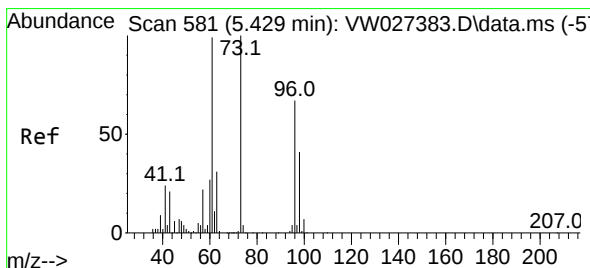
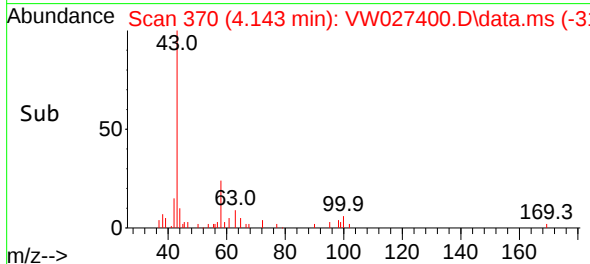
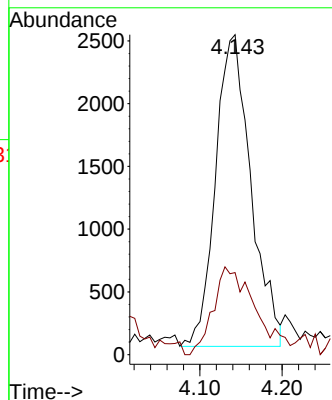
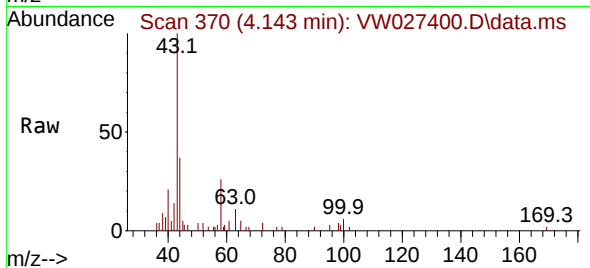
58 20.3 0.0 60.8

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#17

trans-1,2-Dichloroethene

Concen: 1.253 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW027400.D

Acq: 23 Oct 2023 17:14

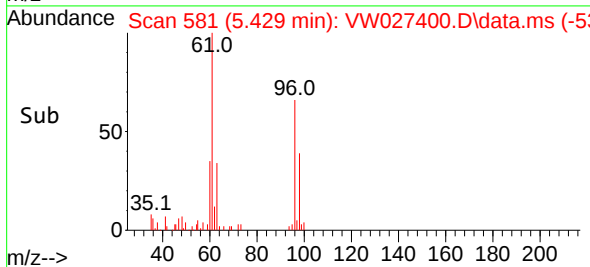
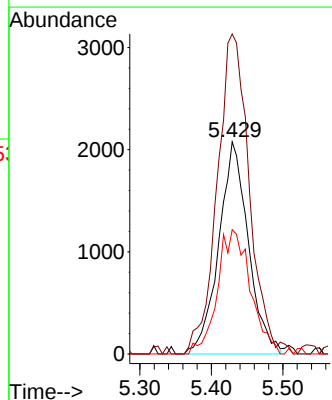
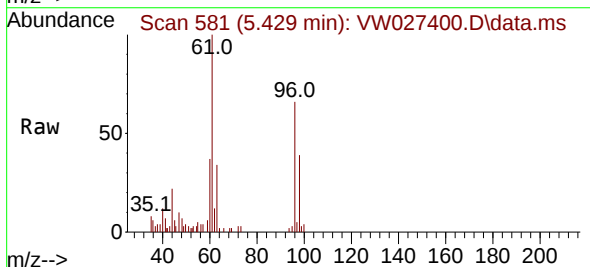
Tgt Ion: 96 Resp: 5965

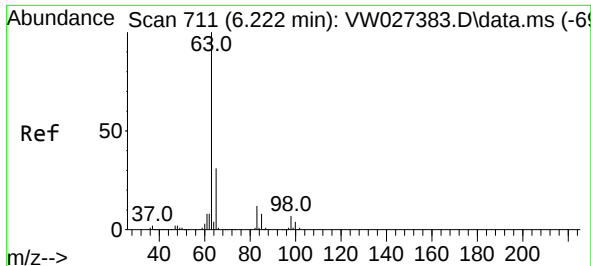
Ion Ratio Lower Upper

96 100

61 150.8 105.6 196.0

98 58.6 45.0 83.6





#19

1,1-Dichloroethane

Concen: 1.460 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW027400.D

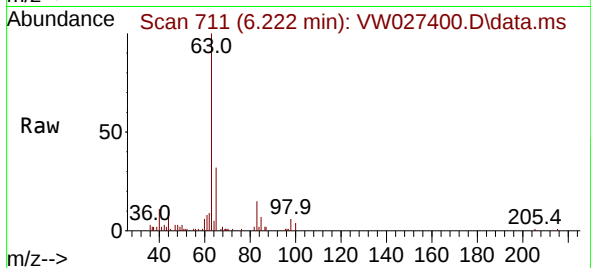
Acq: 23 Oct 2023 17:14

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3



Tgt Ion: 63 Resp: 1418

Ion Ratio Lower Upper

63 100

65 32.4 22.9 42.5

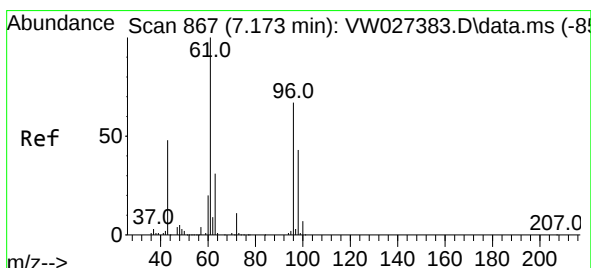
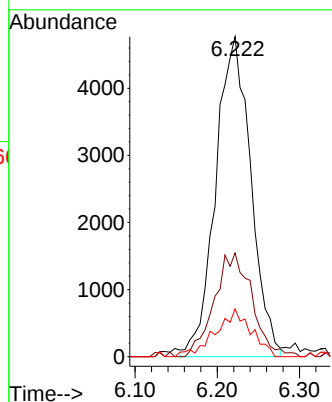
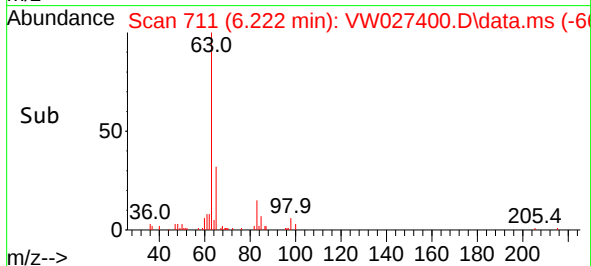
83 14.9 9.6 17.8

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#20

cis-1,2-Dichloroethene

Concen: 16.821 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW027400.D

Acq: 23 Oct 2023 17:14

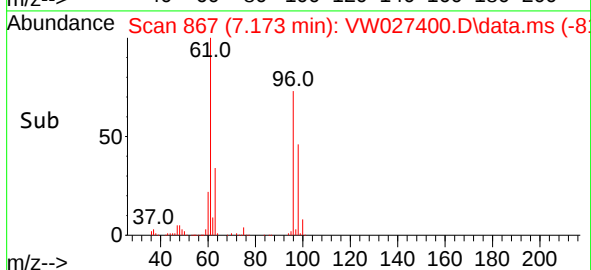
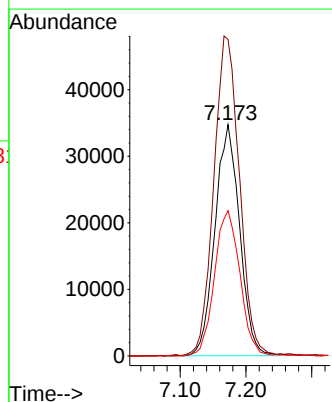
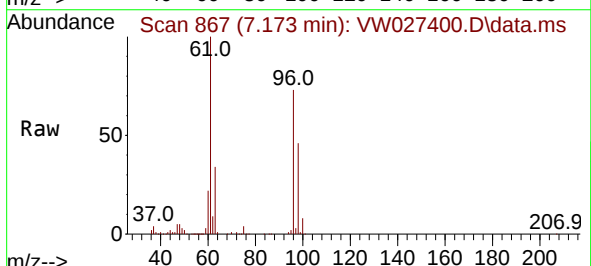
Tgt Ion: 96 Resp: 90448

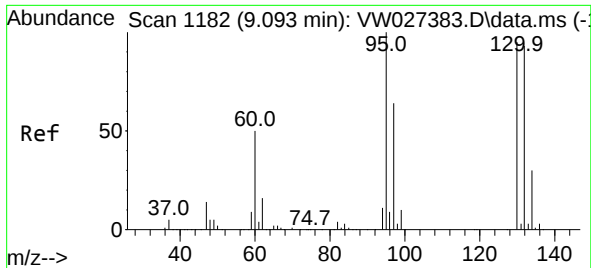
Ion Ratio Lower Upper

96 100

61 136.8 96.2 178.8

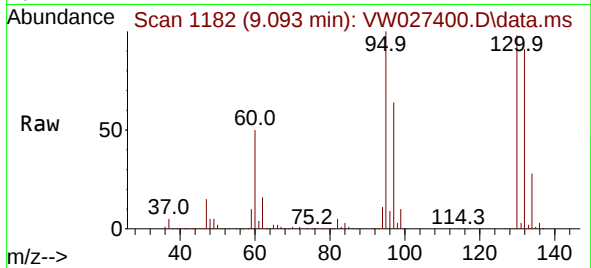
98 62.8 46.0 85.4





#34
Trichloroethene
Concen: 77.892 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW027400.D
Acq: 23 Oct 2023 17:14

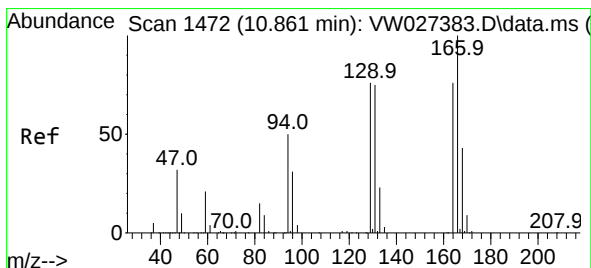
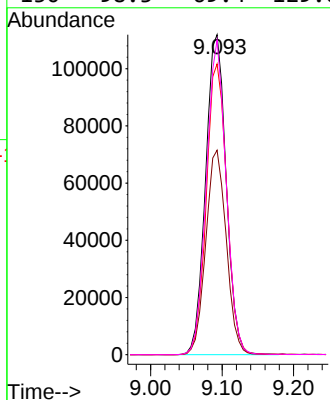
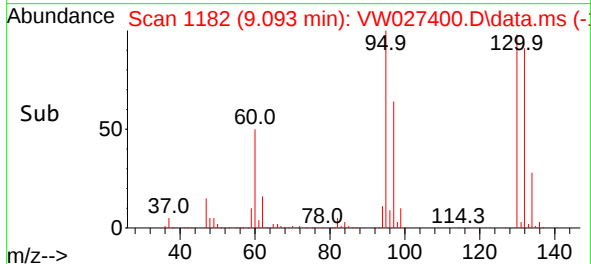
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3



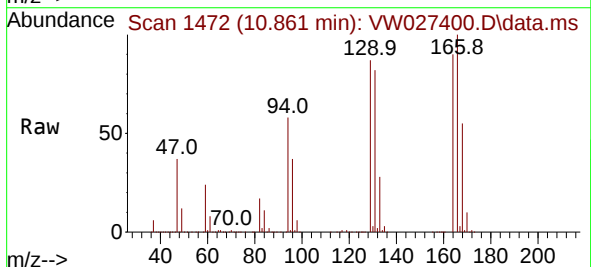
Tgt Ion: 95 Resp: 223772
Ion Ratio Lower Upper
95 100
97 63.9 43.4 80.6
132 90.8 67.6 125.6
130 98.3 69.4 129.0

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Supervised By :Semsettin Yesilyurt 10/31/2023



#46
Tetrachloroethene
Concen: 562.957 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW027400.D
Acq: 23 Oct 2023 17:14



Tgt Ion:164 Resp: 1116731
Ion Ratio Lower Upper
164 100
129 96.5 74.7 138.7
131 90.3 73.2 136.0
166 110.5 87.3 162.1

