

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100323\
 Data File : VW027201.D
 Acq On : 03 Oct 2023 15:07
 Operator : SY/MD
 Sample : 04707-08
 Misc : 4.69g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 01:39:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 01:37:43 2023
 Response via : Initial Calibration

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

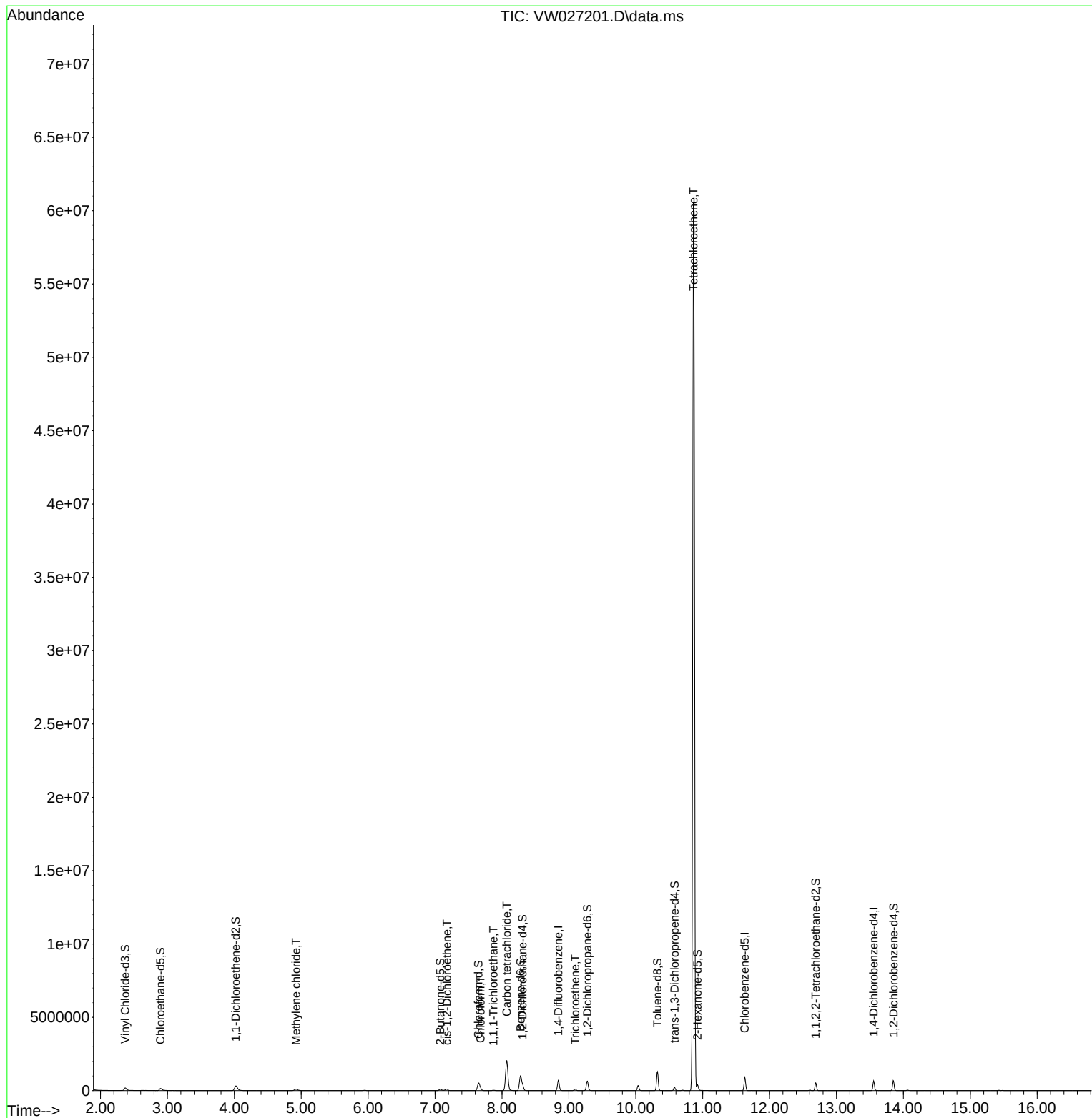
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	612960	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	525547	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	179260	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	288361	29.942	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 119.760%	
7) Chloroethane-d5	2.893	69	231638	30.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 121.720%	
11) 1,1-Dichloroethene-d2	4.021	65	119082	29.761	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 119.040%#	
21) 2-Butanone-d5	7.075	46	157085	78.901	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 157.800%#	
24) Chloroform-d	7.648	84	525176	29.275	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 117.080%	
26) 1,2-Dichloroethane-d4	8.307	65	279832	32.549	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 130.200%#	
32) Benzene-d6	8.276	84	1098056	34.092	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 136.360%#	
36) 1,2-Dichloropropane-d6	9.276	67	335309	34.773	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 139.080%#	
41) Toluene-d8	10.325	98	887684	31.232	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 124.920%	
43) trans-1,3-Dichloroprop...	10.581	79	136607	36.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 144.400%#	
47) 2-Hexanone-d5	10.922	63	141994	96.262	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 192.520%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	266054	36.053	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 144.200%#	
66) 1,2-Dichlorobenzene-d4	13.855	152	191728	31.899	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 127.600%#	
Target Compounds						Qvalue
16) Methylene chloride	4.923	84	90988	7.583	ug/L	100
20) cis-1,2-Dichloroethene	7.179	96	61650	5.668	ug/L	98
25) Chloroform	7.679	83	115024	6.198	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	22945	1.756	ug/L	99
31) Carbon tetrachloride	8.069	117	1614601	130.848	ug/L	99
34) Trichloroethene	9.093	95	34769	3.584	ug/L	95
46) Tetrachloroethene	10.861	164	14196202	1861.762	ug/L	87

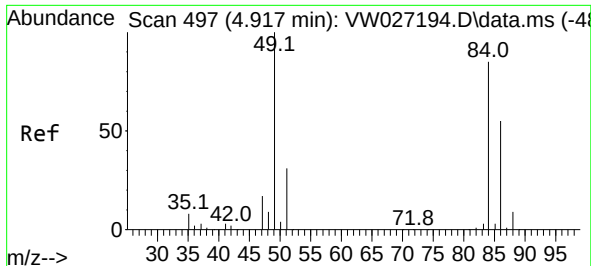
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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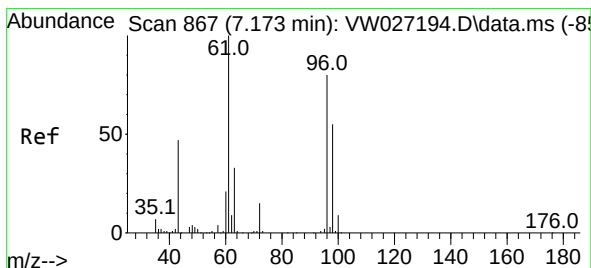
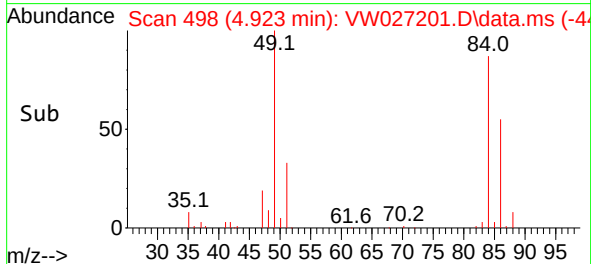
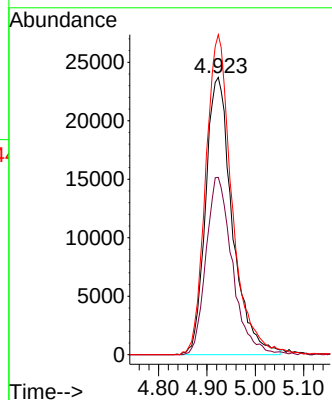
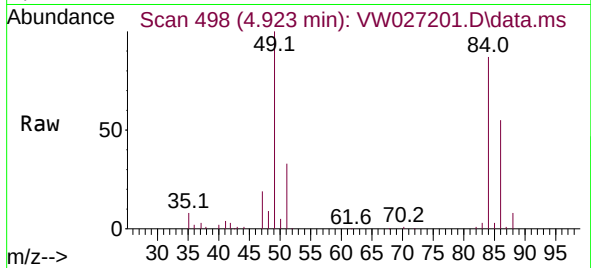




#16
Methylene chloride
Concen: 7.583 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW027201.D
Acq: 03 Oct 2023 15:07

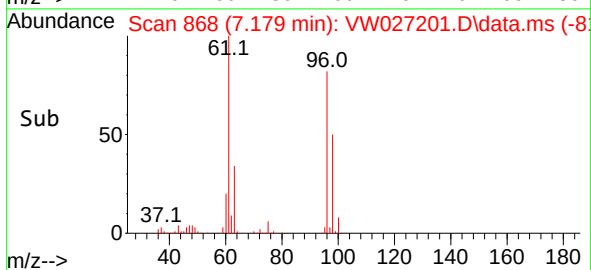
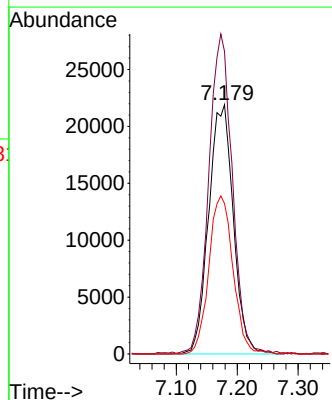
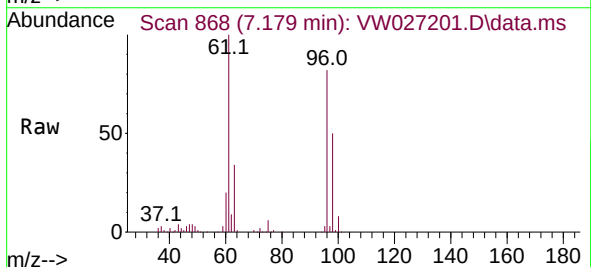
Instrument :
MSVOA_W
ClientSampleId :

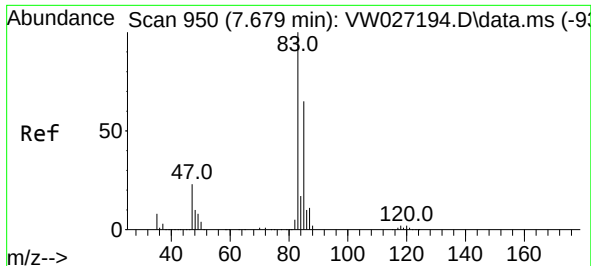
Tgt Ion: 84 Resp: 90988
Ion Ratio Lower Upper
84 100
86 64.0 45.1 83.9
49 115.4 80.9 150.3



#20
cis-1,2-Dichloroethene
Concen: 5.668 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.006 min
Lab File: VW027201.D
Acq: 03 Oct 2023 15:07

Tgt Ion: 96 Resp: 61650
Ion Ratio Lower Upper
96 100
61 121.4 82.7 153.5
98 60.4 43.0 80.0





#25

Chloroform

Concen: 6.198 ug/L

RT: 7.679 min Scan# 91

Delta R.T. -0.000 min

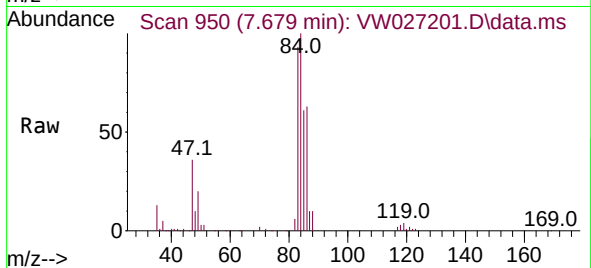
Lab File: VW027201.D

Acq: 03 Oct 2023 15:07

Instrument :

MSVOA_W

ClientSampleId :

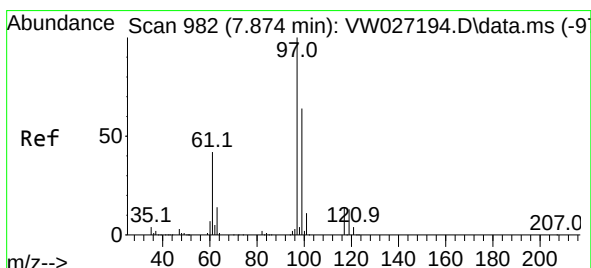
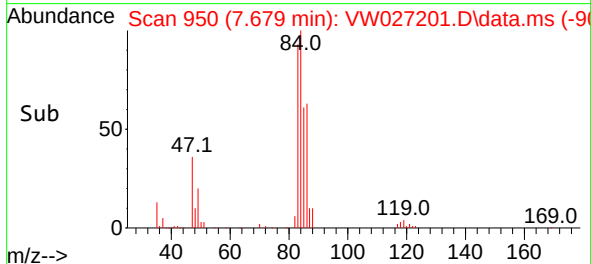
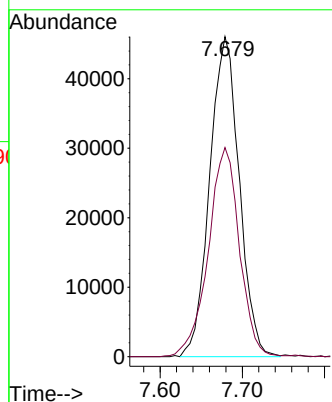


Tgt Ion: 83 Resp: 115024

Ion Ratio Lower Upper

83 100

85 65.4 47.7 88.5



#30

1,1,1-Trichloroethane

Concen: 1.756 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW027201.D

Acq: 03 Oct 2023 15:07

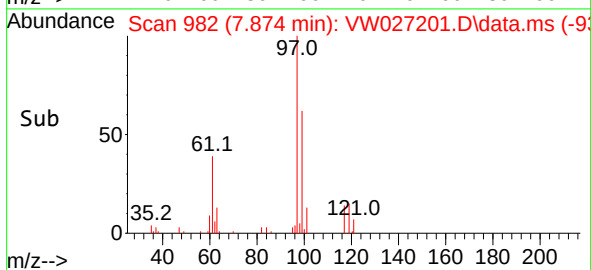
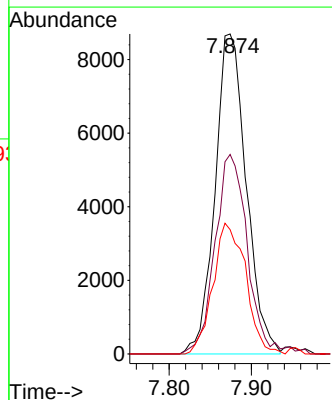
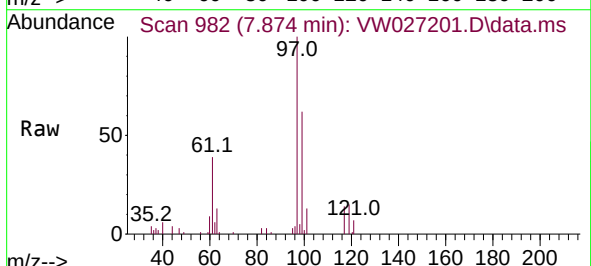
Tgt Ion: 97 Resp: 22945

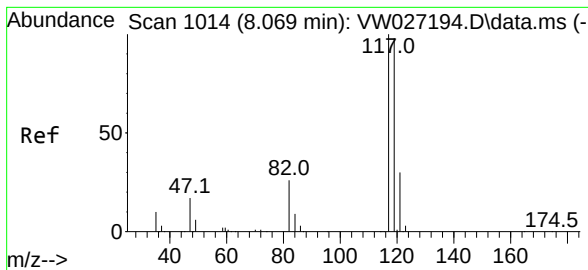
Ion Ratio Lower Upper

97 100

99 63.8 50.8 76.2

61 42.8 34.6 52.0

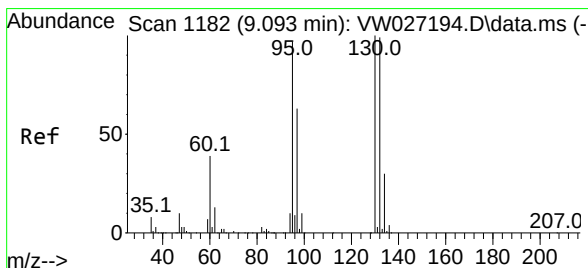
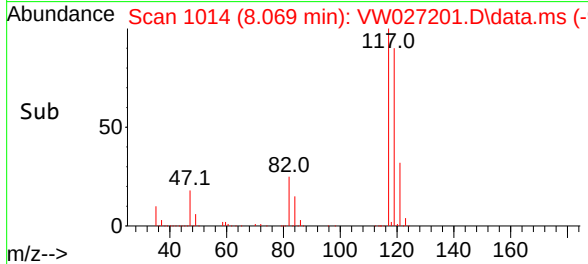
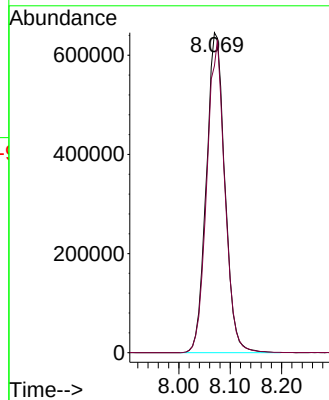
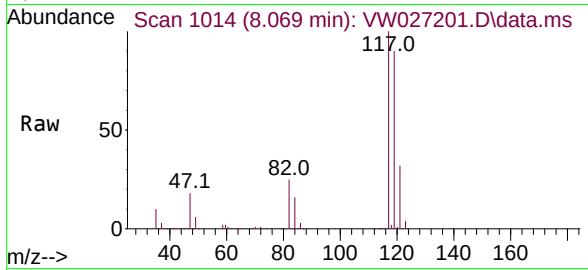




#31
Carbon tetrachloride
Concen: 130.848 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027201.D
Acq: 03 Oct 2023 15:07

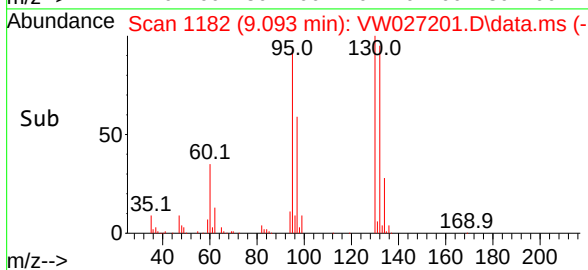
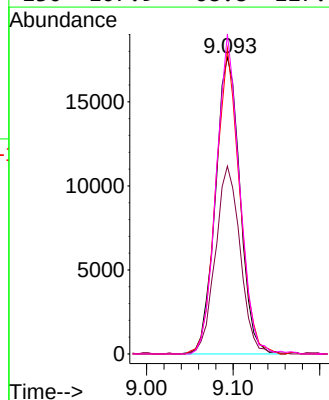
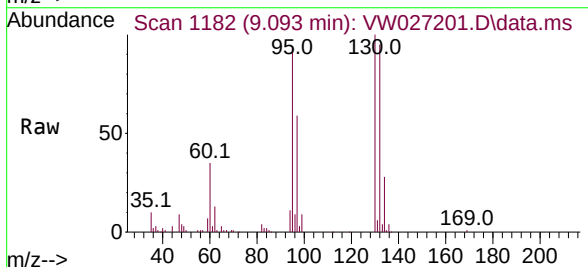
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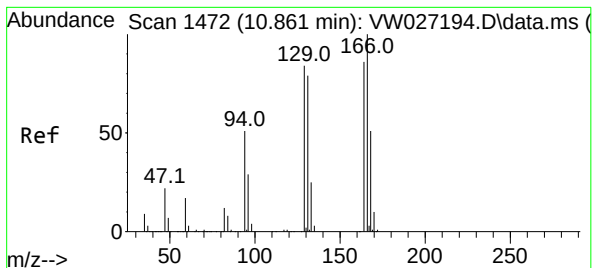
Tgt Ion:117 Resp: 1614601
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.6



#34
Trichloroethene
Concen: 3.584 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027201.D
Acq: 03 Oct 2023 15:07

Tgt Ion: 95 Resp: 34769
Ion Ratio Lower Upper
95 100
97 63.3 46.1 85.7
132 102.9 71.5 132.9
130 107.9 68.8 127.8





#46

Tetrachloroethene

Concen: 1861.762 ug/L

RT: 10.861 min Scan# 14

Delta R.T. -0.000 min

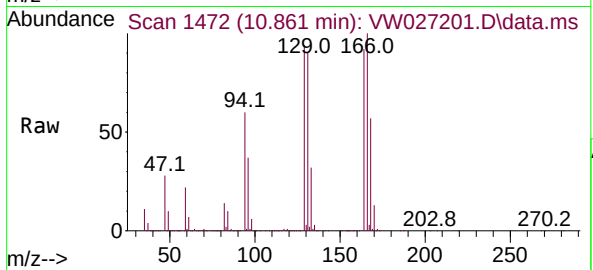
Lab File: VW027201.D

Acq: 03 Oct 2023 15:07

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp:14196202

Ion Ratio Lower Upper

164 100

129 102.7 60.3 112.1

131 98.4 66.1 122.7

166 108.9 89.4 166.0

