

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 :
 EY1A7

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)

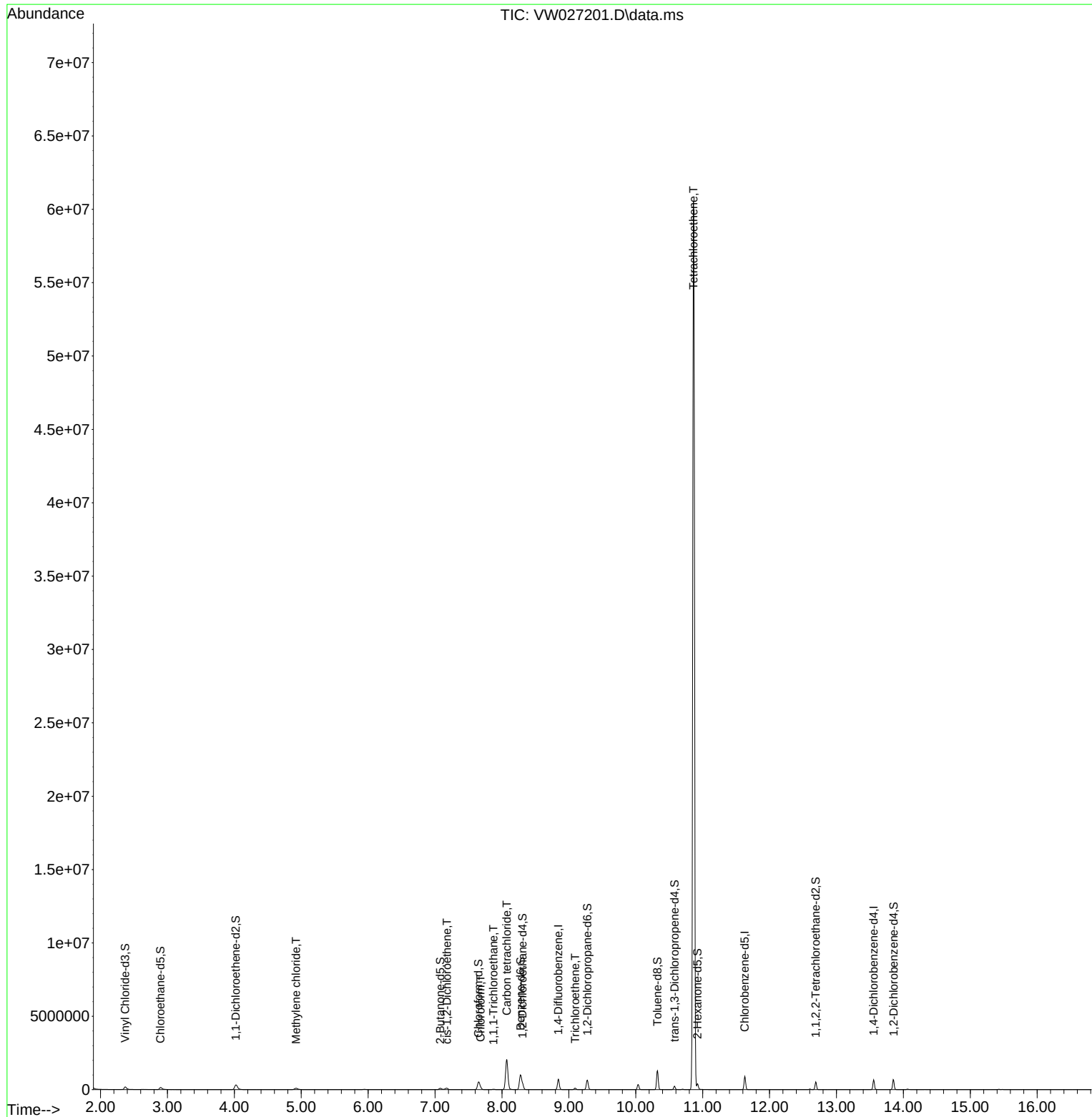
Internal Standards							
1) 1,4-Difluorobenzene		8.843	114	612960	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.629	117	525547	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.556	152	179260	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.369	65	288361	29.942	ug/L	0.00
Spiked 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

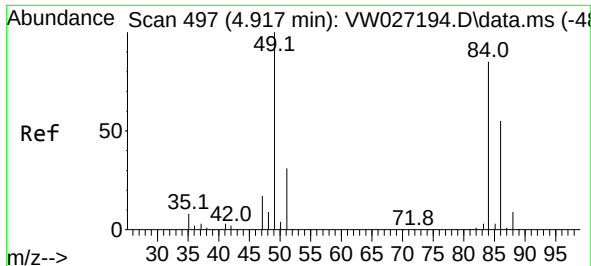
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Oct 04 01:37:43 2023
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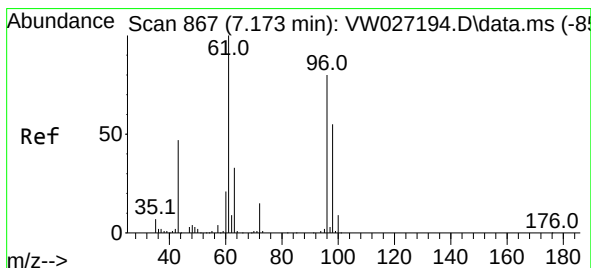
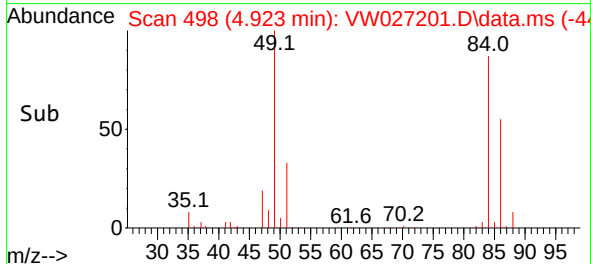
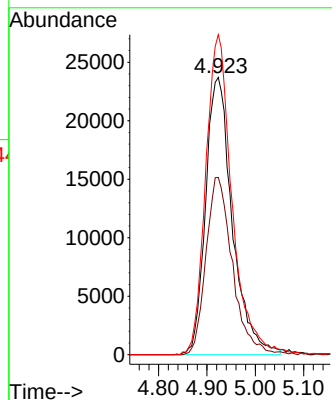
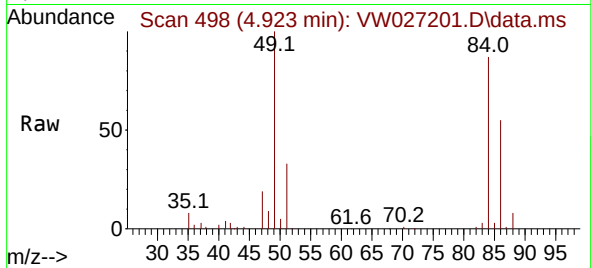




#16
Methylene chloride
Concen: 7.583 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW027201.D
Acq: 03 Oct 2023 15:07

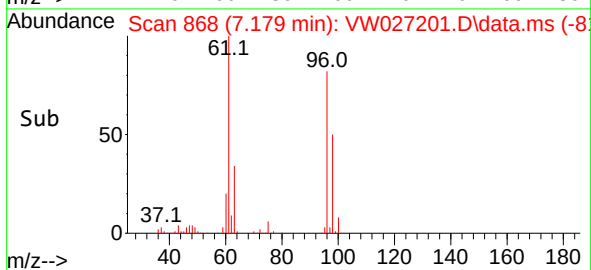
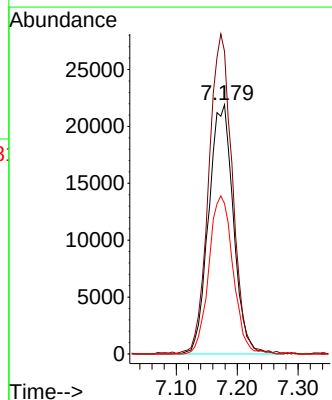
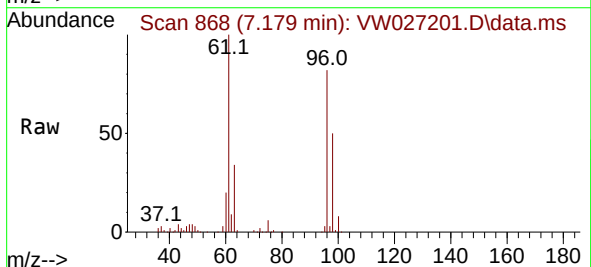
Instrument :
MSVOA_W
ClientSampleId :
EY1A7

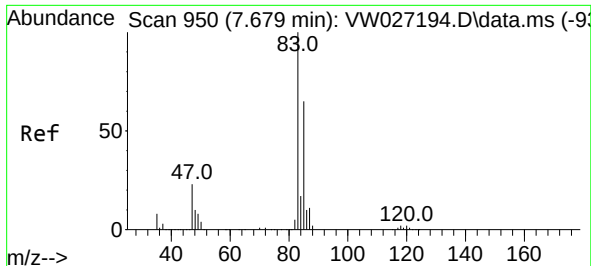
Tgt Ion: 84 Resp: 90988
Ion Ratio Lower Upper
84 100
86 64.0 45.1 83.9
49 115.4 80.9 150.3



#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# 910

Delta R.T. -0.000 min

Lab File: VW027201.D

Acq: 03 Oct 2023 15:07

Instrument :

MSVOA_W

ClientSampleId :

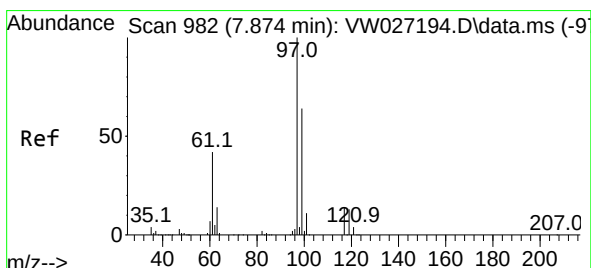
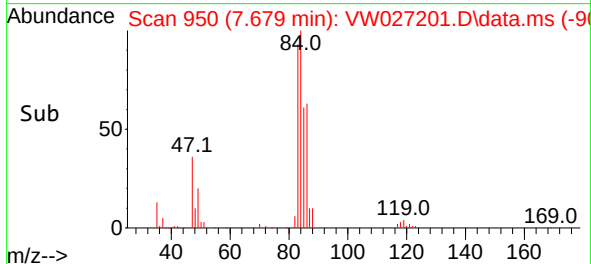
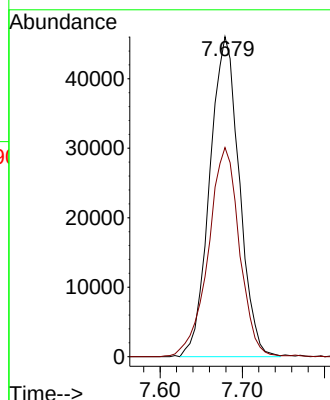
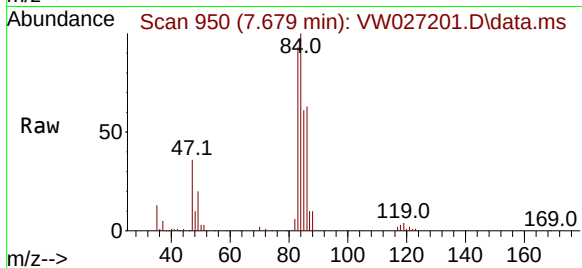
EY1A7

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

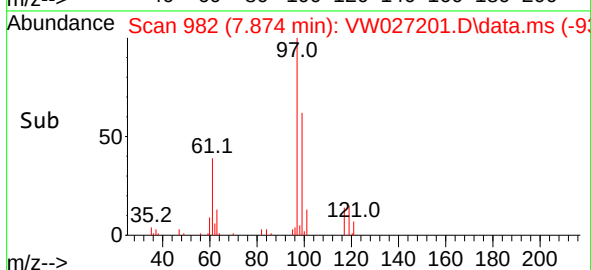
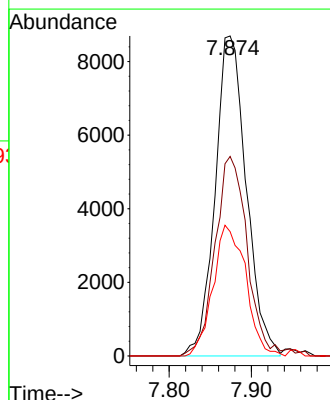
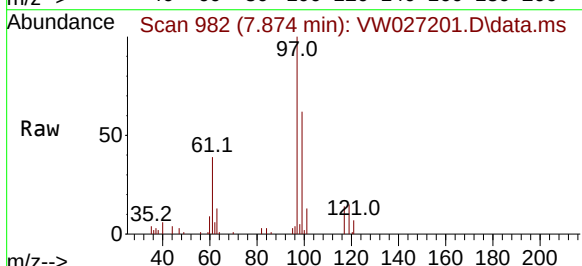
Tgt Ion: 97 Resp: 22945

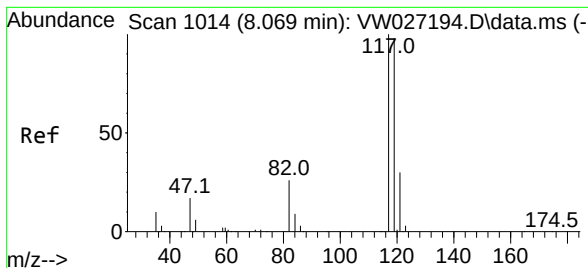
Ion Ratio Lower Upper

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

Instrument :

MSVOA_W

ClientSampleId :

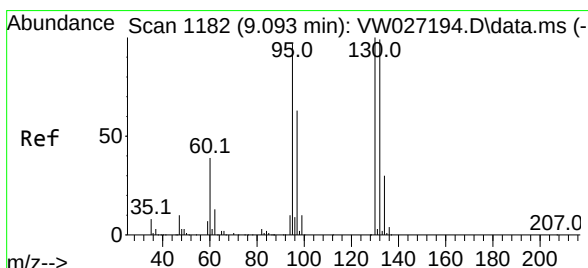
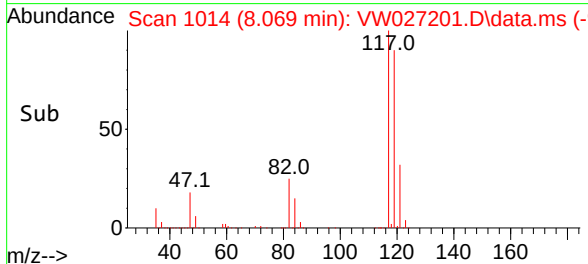
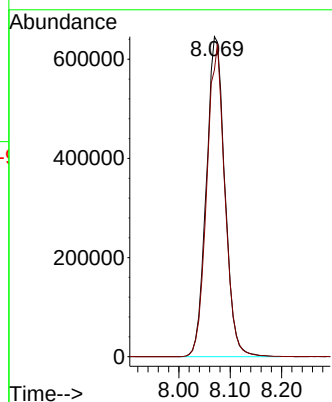
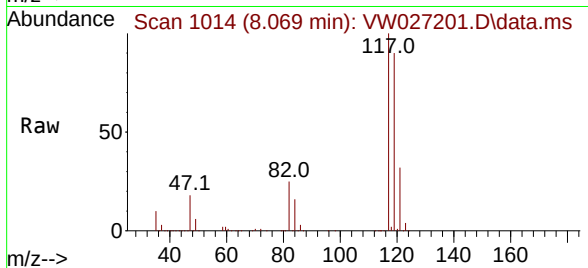
EY1A7

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

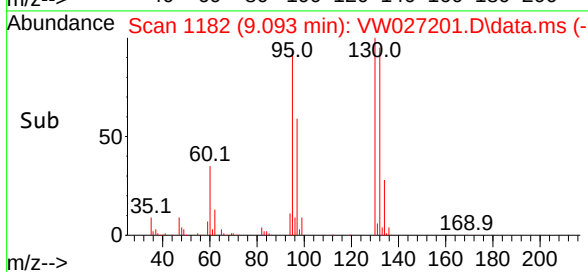
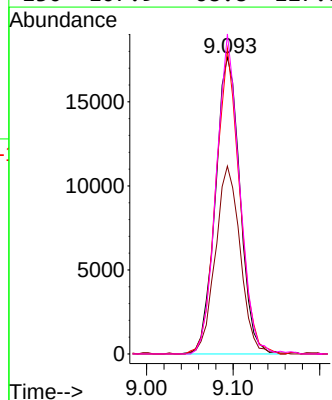
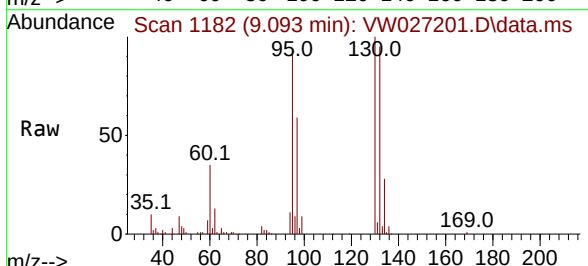
Ion Ratio Lower Upper

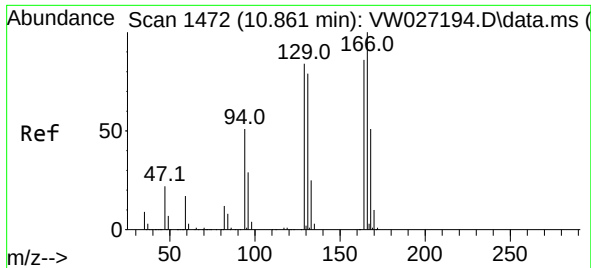
95 100

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

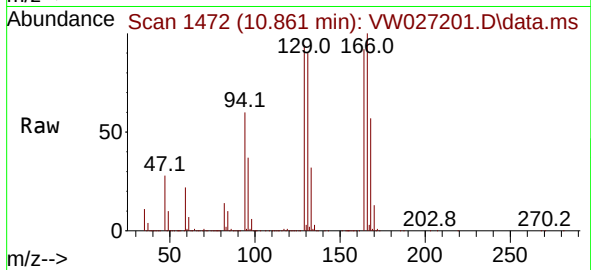
Acq: 03 Oct 2023 15:07

Instrument :

MSVOA_W

ClientSampleId :

EY1A7



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

