

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122322\
 Data File : VW025203.D
 Acq On : 23 Dec 2022 17:43
 Operator : SY/MD
 Sample : N6171-07RE
 Misc : 7.13g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 22:04:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120822SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 23 21:59:05 2022
 Response via : Initial Calibration

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

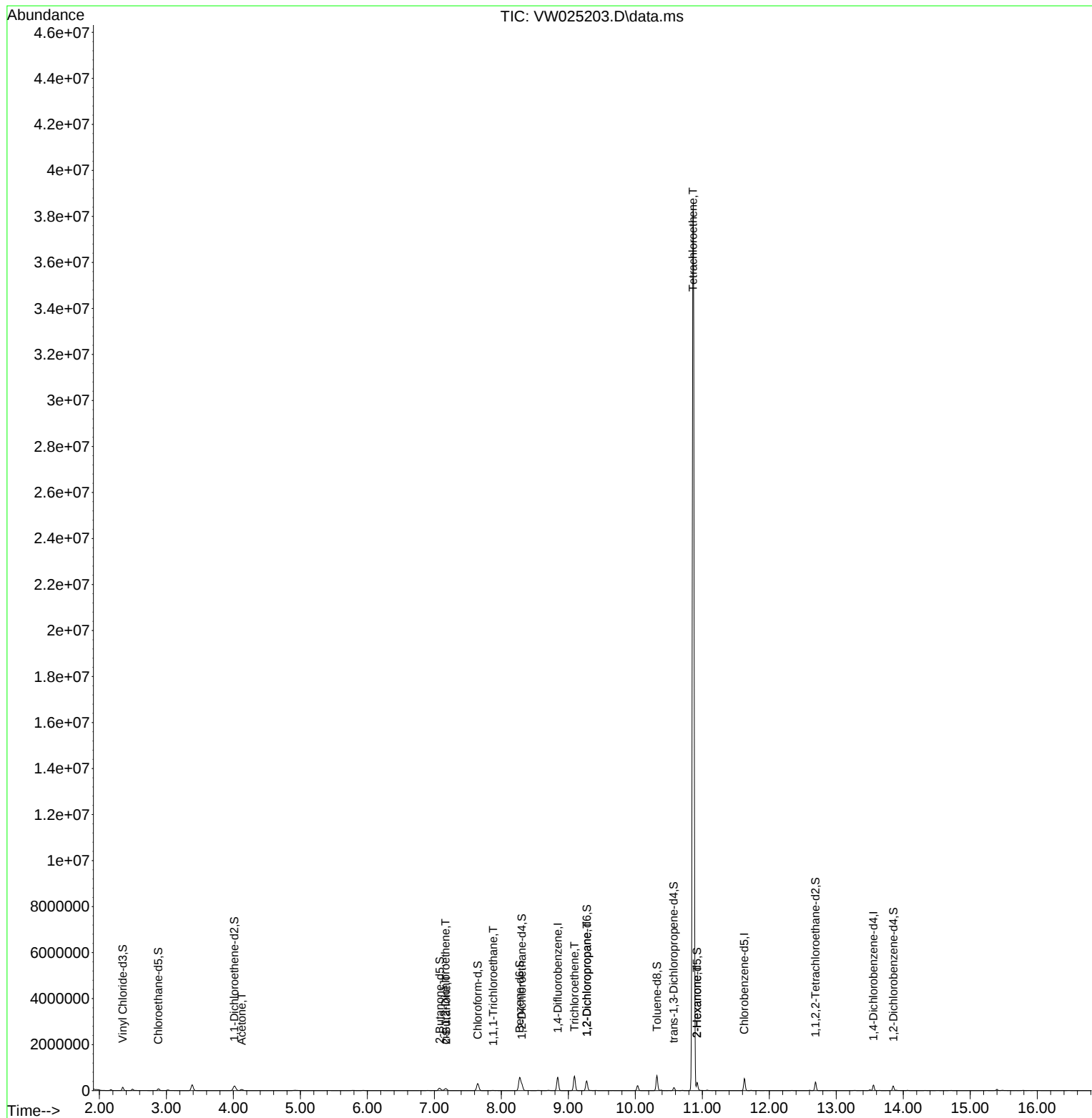
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	490301	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	288996	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	117922	20.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.440%
7) Chloroethane-d5	2.879	69	84295	23.098	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	4.013	63	198133	16.001	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.000%
21) 2-Butanone-d5	7.080	46	180610	127.284	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	254.560%#
24) Chloroform-d	7.647	84	318169	25.140	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.560%
26) 1,2-Dichloroethane-d4	8.305	65	198997	31.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	124.040%
32) Benzene-d6	8.275	84	610102	35.998	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	144.000%#
36) 1,2-Dichloropropane-d6	9.274	67	212906	43.173	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	172.680%#
41) Toluene-d8	10.323	98	439166	28.579	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	114.320%
43) trans-1,3-Dichloroprop...	10.573	79	78245	37.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	150.240%#
47) 2-Hexanone-d5	10.921	63	128578	177.711	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	355.420%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	193307	53.083	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	212.320%#
66) 1,2-Dichlorobenzene-d4	13.853	152	52060	24.783	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.120%
Target Compounds					Qvalue	
13) Acetone	4.123	43	85166	58.389	ug/L	97
20) cis-1,2-Dichloroethene	7.165	96	50938	7.356	ug/L	92
22) 2-Butanone	7.177	43	17136	9.338	ug/L	96
30) 1,1,1-Trichloroethane	7.878	97	9719	1.425	ug/L	99
34) Trichloroethene	9.092	95	228845	48.800	ug/L	92
37) 1,2-Dichloropropane	9.274	63	22094	5.117	ug/L #	87
46) Tetrachloroethene	10.860	164	8796292	2576.729	ug/L	95
48) 2-Hexanone	10.921	43	12684	7.845	ug/L #	66

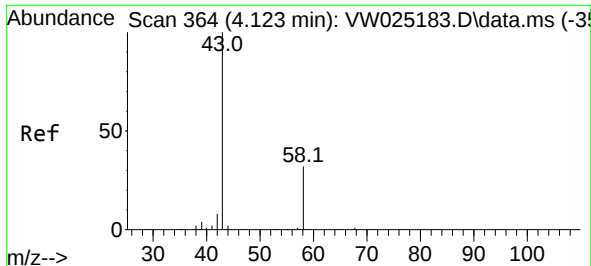
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 23 21:59:05 2022
Response via : Initial Calibration





#13

Acetone

Concen: 58.389 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW025203.D

Acq: 23 Dec 2022 17:43

Instrument :

MSVOA_W

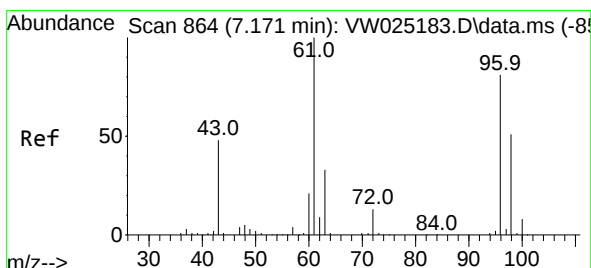
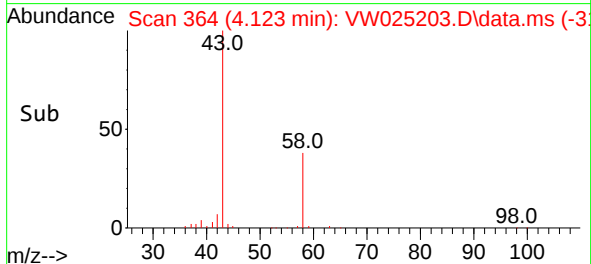
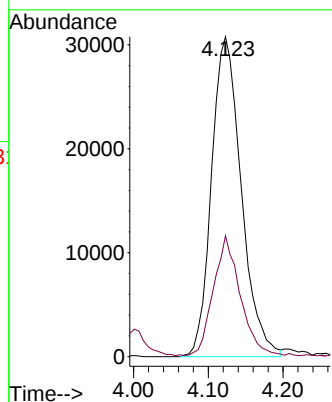
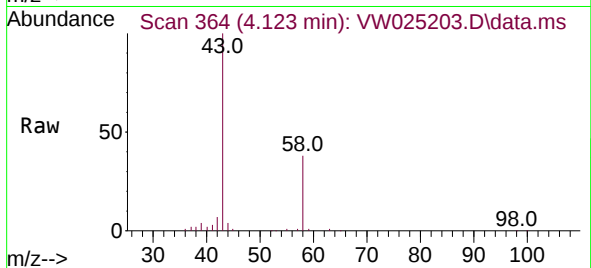
ClientSampleId :

Tgt Ion: 43 Resp: 85166

Ion Ratio Lower Upper

43 100

58 34.6 0.0 65.2



#20

cis-1,2-Dichloroethene

Concen: 7.356 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW025203.D

Acq: 23 Dec 2022 17:43

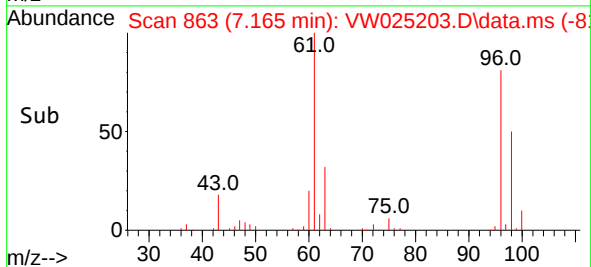
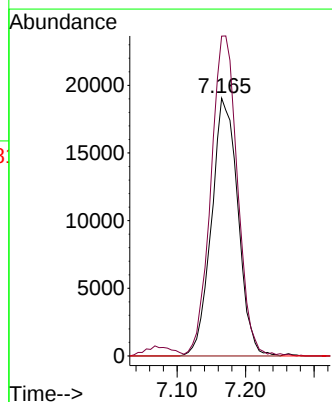
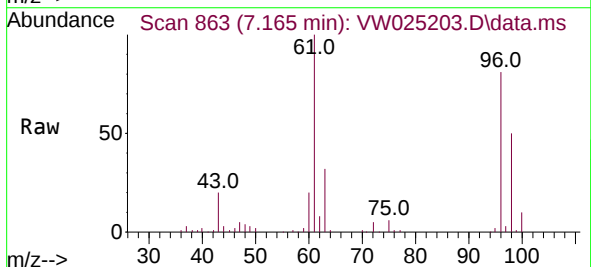
Tgt Ion: 96 Resp: 50938

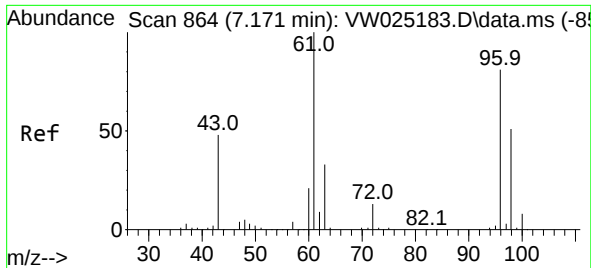
Ion Ratio Lower Upper

96 100

61 124.1 93.7 173.9

68 0.0 0.0 0.0

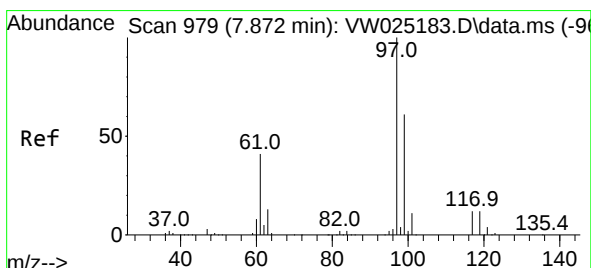
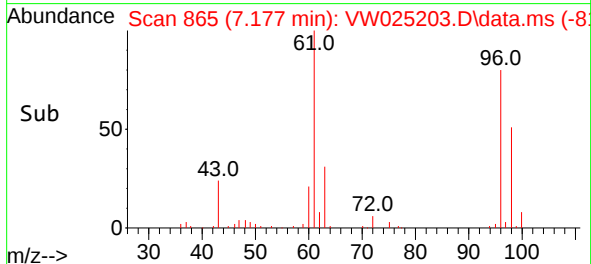
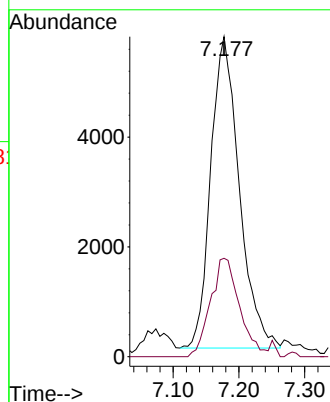
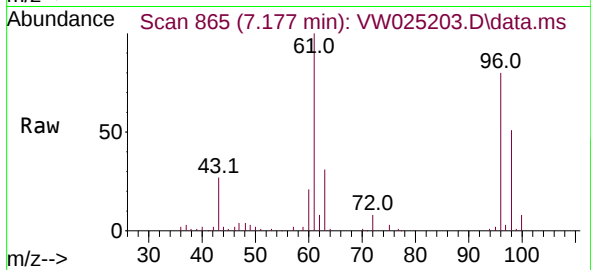




#22
2-Butanone
Concen: 9.338 ug/L
RT: 7.177 min Scan# 80
Delta R.T. 0.006 min
Lab File: VW025203.D
Acq: 23 Dec 2022 17:43

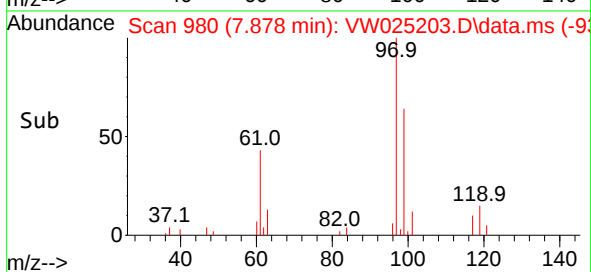
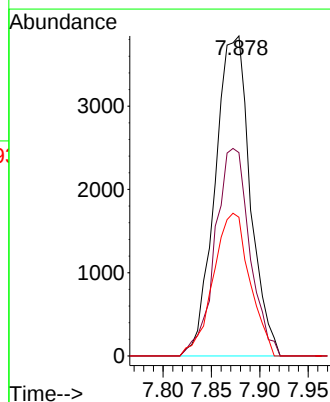
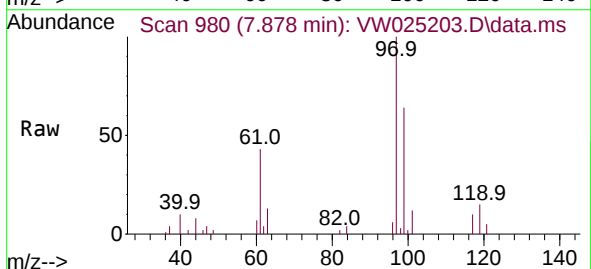
Instrument :
MSVOA_W
ClientSampleId :

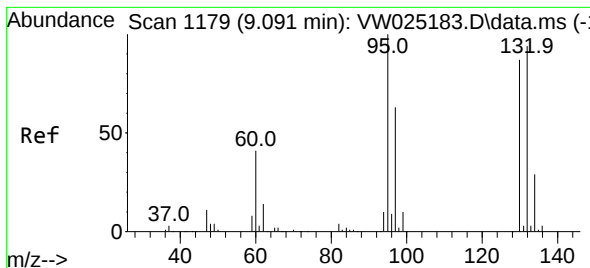
Tgt Ion: 43 Resp: 17136
Ion Ratio Lower Upper
43 100
72 32.2 15.0 45.0



#30
1,1,1-Trichloroethane
Concen: 1.425 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW025203.D
Acq: 23 Dec 2022 17:43

Tgt Ion: 97 Resp: 9719
Ion Ratio Lower Upper
97 100
99 63.9 50.9 76.3
61 46.3 35.5 53.3





#34

Trichloroethene

Concen: 48.800 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW025203.D

Acq: 23 Dec 2022 17:43

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 228845

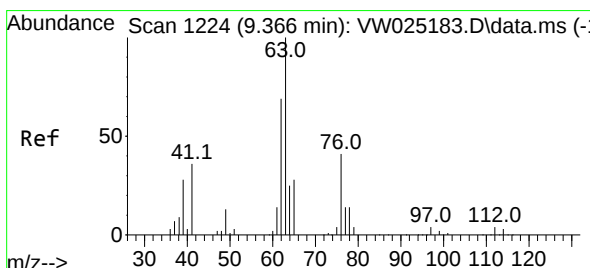
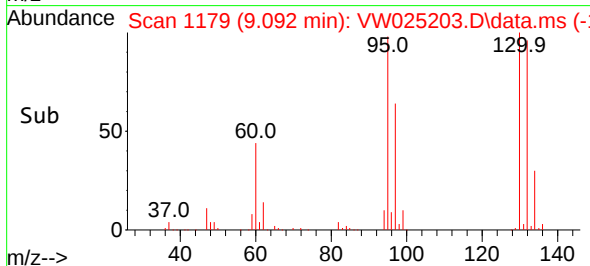
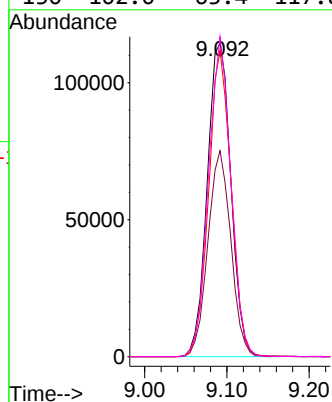
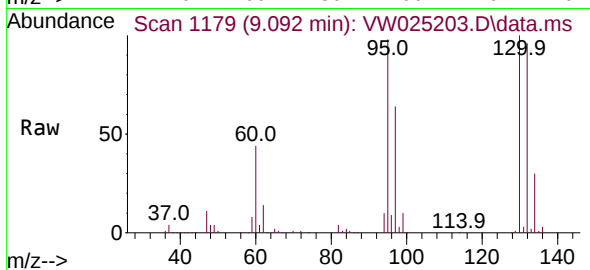
Ion Ratio Lower Upper

95 100

97 65.7 44.3 82.3

132 97.7 63.0 117.0

130 102.0 63.4 117.8



#37

1,2-Dichloropropane

Concen: 5.117 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW025203.D

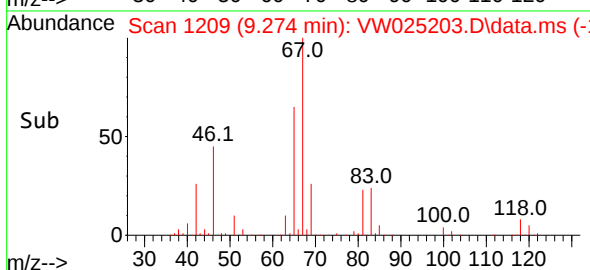
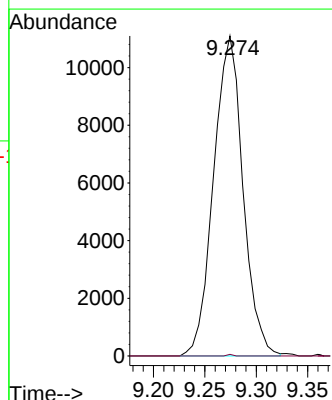
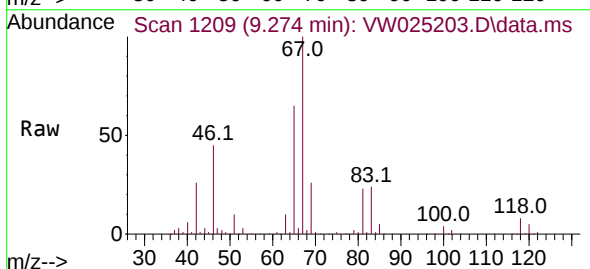
Acq: 23 Dec 2022 17:43

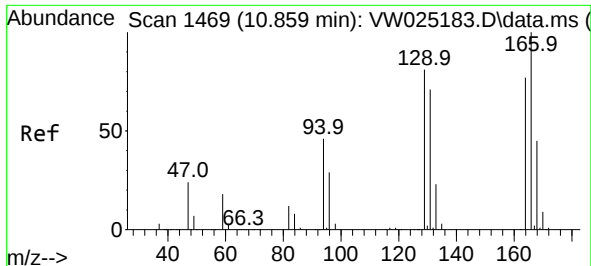
Tgt Ion: 63 Resp: 22094

Ion Ratio Lower Upper

63 100

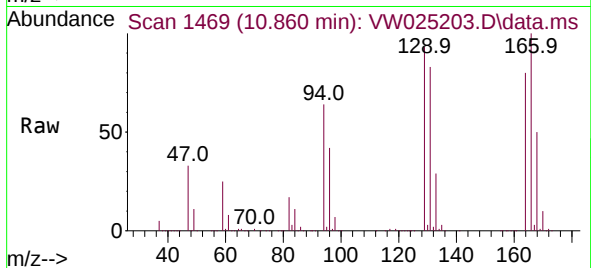
112 0.0 3.4 5.2#





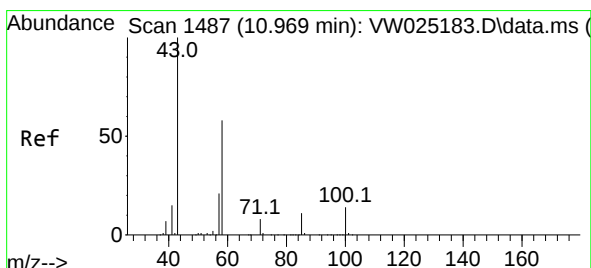
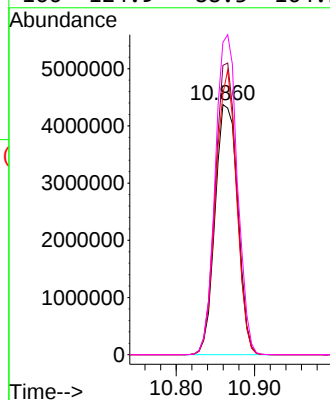
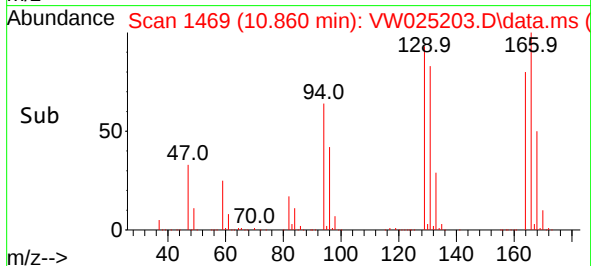
#46
Tetrachloroethene
Concen: 2576.729 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW025203.D
Acq: 23 Dec 2022 17:43

Instrument :
MSVOA_W
ClientSampleId :

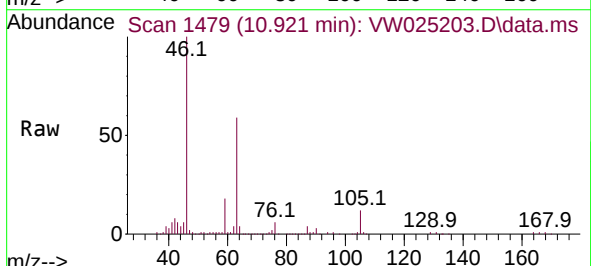


Tgt Ion:164 Resp: 8796292

Ion	Ratio	Lower	Upper
164	100		
129	115.7	73.4	136.4
131	104.2	70.8	131.4
166	124.9	88.3	164.1



#48
2-Hexanone
Concen: 7.845 ug/L
RT: 10.921 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW025203.D
Acq: 23 Dec 2022 17:43



Tgt Ion: 43 Resp: 12684

Ion	Ratio	Lower	Upper
43	100		
58	27.1	46.6	69.8#
57	26.6	16.7	25.1#
100	0.8	11.0	16.6#

