

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072222\
 Data File : VW024004.D
 Acq On : 22 Jul 2022 13:56
 Operator : SY/VA
 Sample : N3744-17RE
 Misc : 5.89g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 22 23:12:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 22 23:08:43 2022
 Response via : Initial Calibration

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

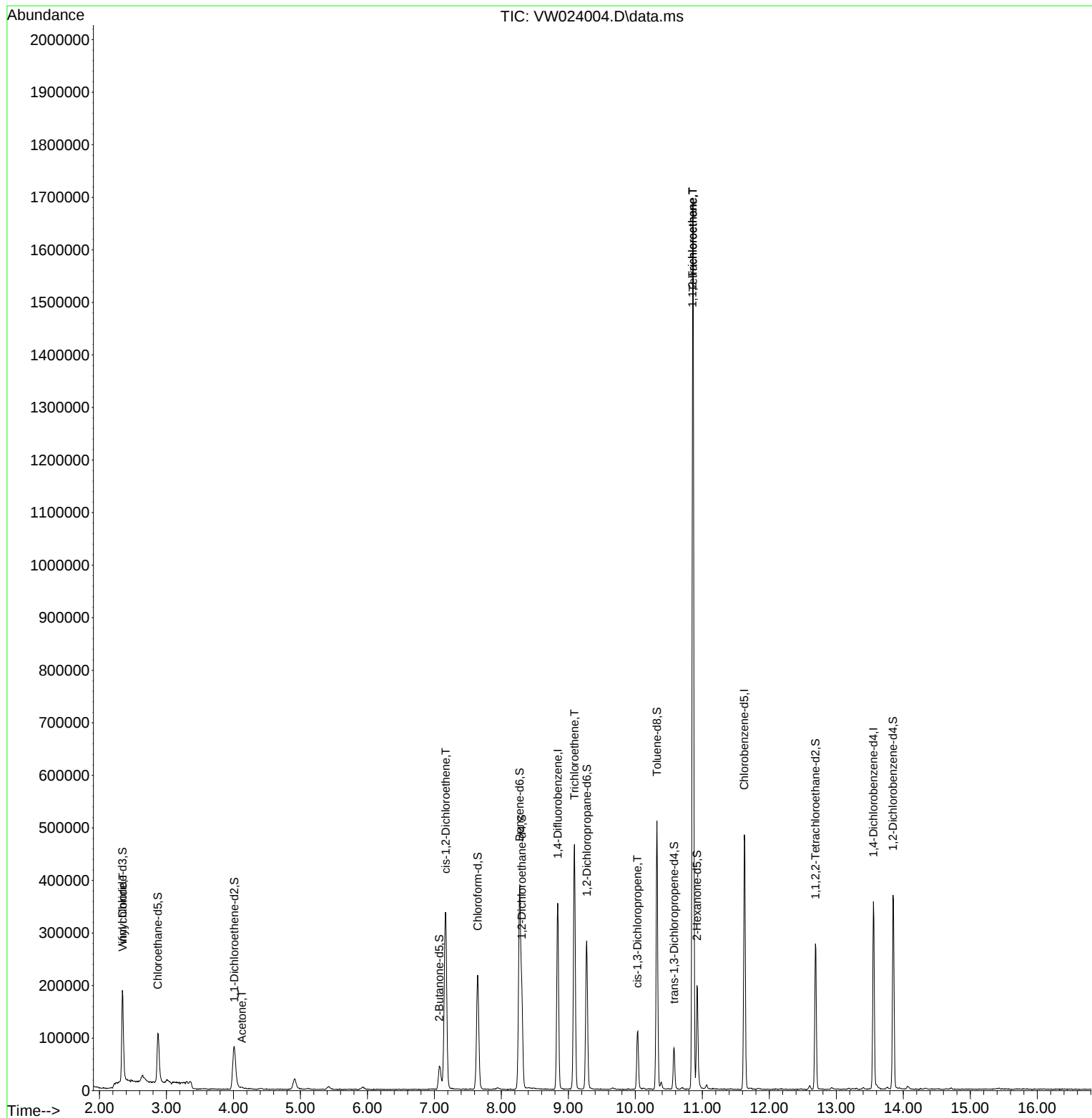
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	279128	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	259477	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	83122	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	141033	19.783	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.120%
7) Chloroethane-d5	2.873	69	117791	24.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.080%
11) 1,1-Dichloroethene-d2	4.013	63	86533	14.906	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.640%
21) 2-Butanone-d5	7.073	46	69942	63.250	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.500%
24) Chloroform-d	7.646	84	208605	25.669	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.680%
26) 1,2-Dichloroethane-d4	8.305	65	132424	26.643	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.560%
32) Benzene-d6	8.274	84	372259	27.598	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.400%
36) 1,2-Dichloropropane-d6	9.274	67	120670	29.700	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.800%
41) Toluene-d8	10.323	98	307521	22.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.920%
43) trans-1,3-Dichloroprop...	10.579	79	41860	21.980	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.920%
47) 2-Hexanone-d5	10.920	63	62555	73.219	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.440%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	131674	29.326	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.320%
66) 1,2-Dichlorobenzene-d4	13.846	152	90251	30.415	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	121.680%#
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.349	62	53691	6.731	ug/L	99
13) Acetone	4.129	43	3662	4.684	ug/L	92
20) cis-1,2-Dichloroethene	7.171	96	196097	49.305	ug/L #	90
34) Trichloroethene	9.091	95	151085	38.802	ug/L	94
39) cis-1,3-Dichloropropene	10.030	75	3773	0.677	ug/L	85
45) 1,1,2-Trichloroethane	10.853	97	3708	1.147	ug/L #	27
46) Tetrachloroethene	10.859	164	331103	109.972	ug/L	95

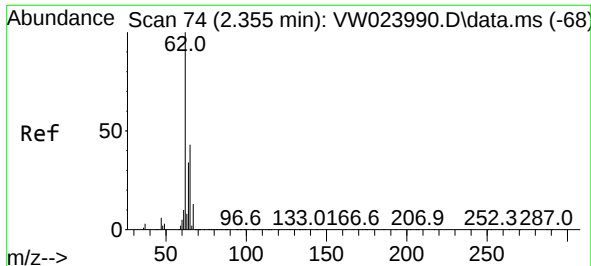
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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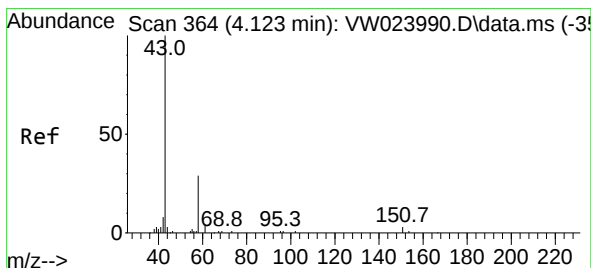
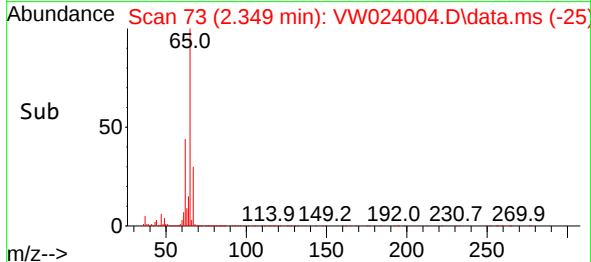
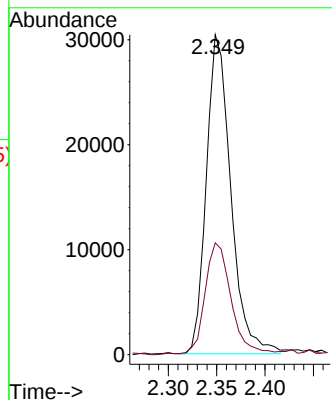
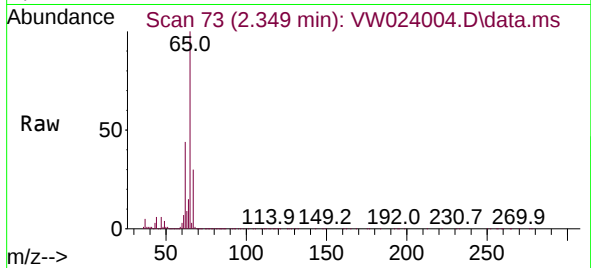




#5
 Vinyl chloride
 Concen: 6.731 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VW024004.D
 Acq: 22 Jul 2022 13:56

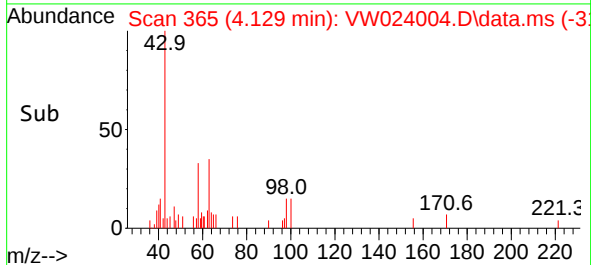
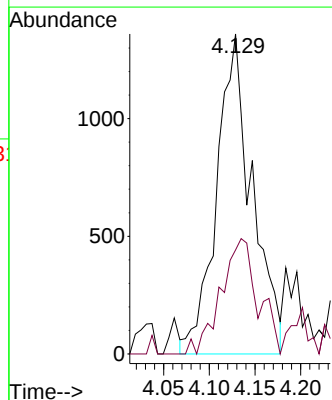
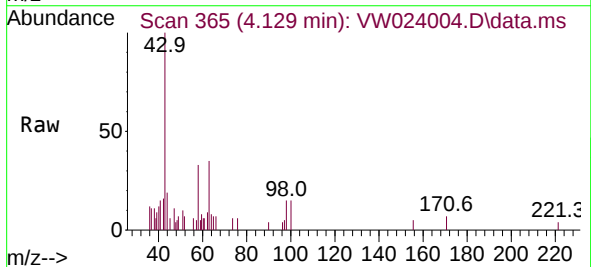
Instrument :
 MSVOA_W
 ClientSampleId :

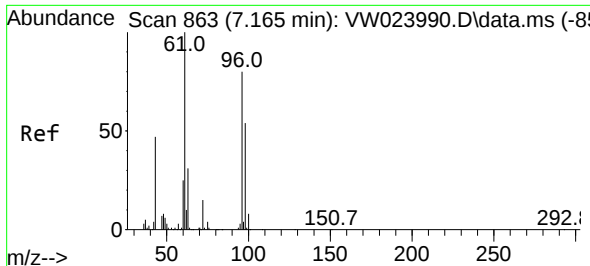
Tgt Ion: 62 Resp: 53691
 Ion Ratio Lower Upper
 62 100
 64 35.0 24.0 44.6



#13
 Acetone
 Concen: 4.684 ug/L
 RT: 4.129 min Scan# 365
 Delta R.T. 0.006 min
 Lab File: VW024004.D
 Acq: 22 Jul 2022 13:56

Tgt Ion: 43 Resp: 3662
 Ion Ratio Lower Upper
 43 100
 58 27.9 0.0 64.2

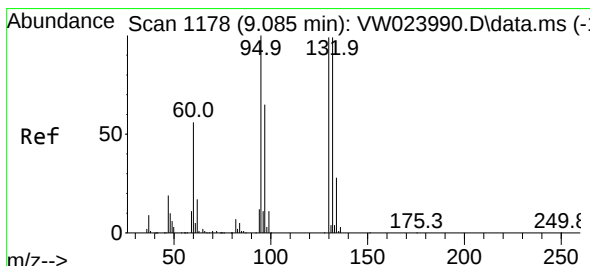
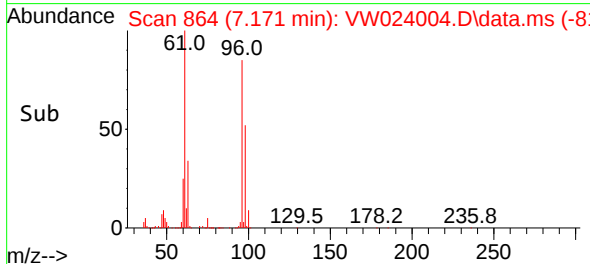
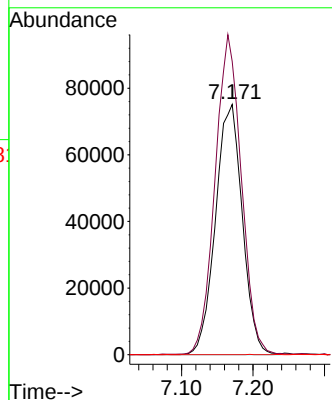
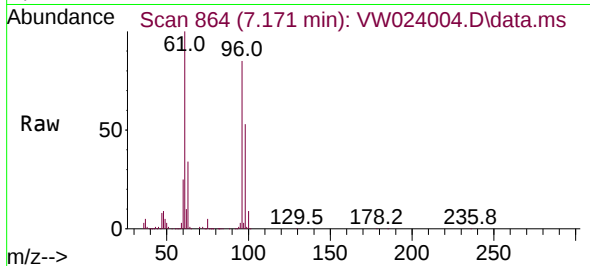




#20
cis-1,2-Dichloroethene
Concen: 49.305 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW024004.D
Acq: 22 Jul 2022 13:56

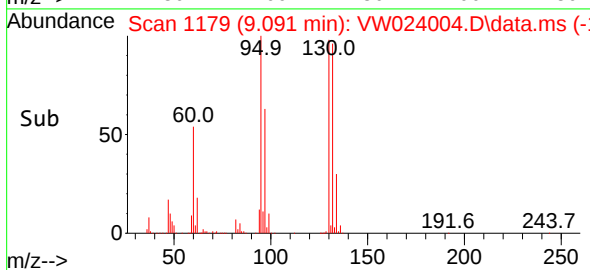
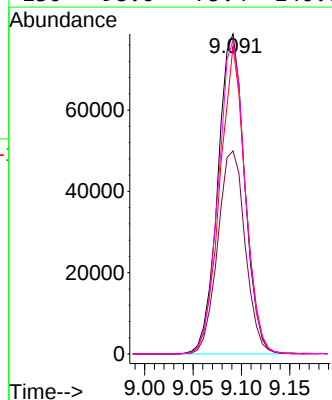
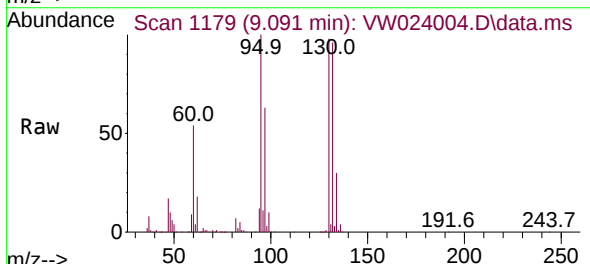
Instrument :
MSVOA_W
ClientSampleId :

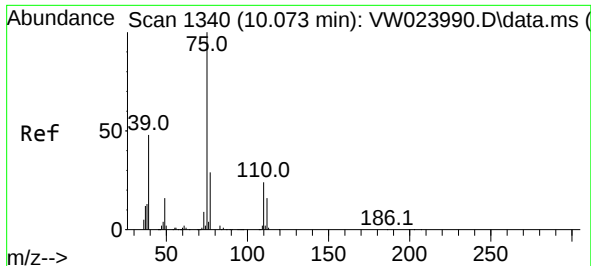
Tgt Ion: 96 Resp: 196097
Ion Ratio Lower Upper
96 100
61 117.2 90.6 168.2
68 0.0 0.2 0.4#



#34
Trichloroethene
Concen: 38.802 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW024004.D
Acq: 22 Jul 2022 13:56

Tgt Ion: 95 Resp: 151085
Ion Ratio Lower Upper
95 100
97 63.5 45.6 84.8
132 96.2 69.9 129.7
130 98.0 75.4 140.0





#39

cis-1,3-Dichloropropene

Concen: 0.677 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW024004.D

Acq: 22 Jul 2022 13:56

Instrument :

MSVOA_W

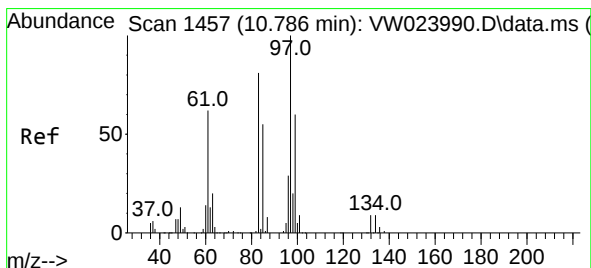
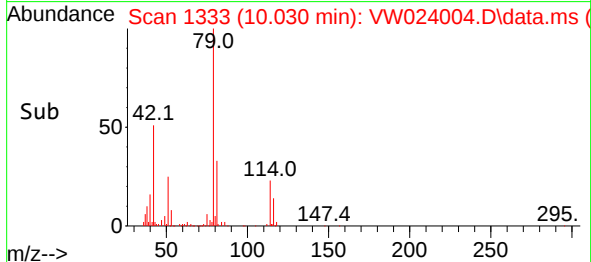
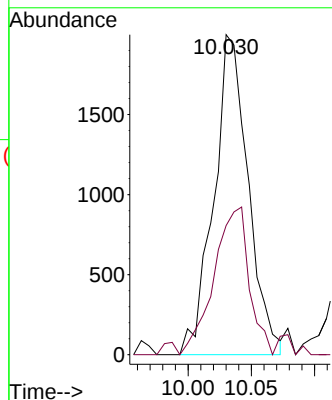
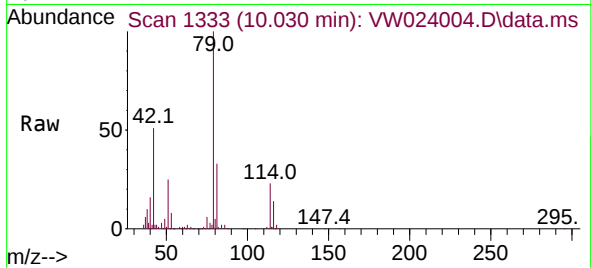
ClientSampleId :

Tgt Ion: 75 Resp: 3773

Ion Ratio Lower Upper

75 100

77 40.4 22.5 41.9



#45

1,1,2-Trichloroethane

Concen: 1.147 ug/L

RT: 10.853 min Scan# 1468

Delta R.T. 0.067 min

Lab File: VW024004.D

Acq: 22 Jul 2022 13:56

Tgt Ion: 97 Resp: 3708

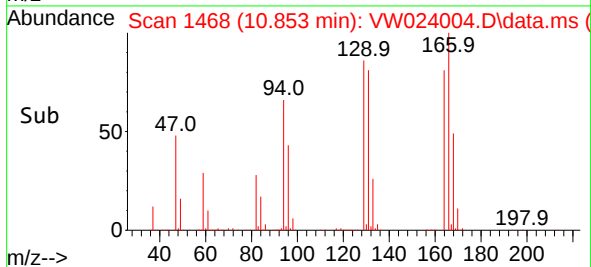
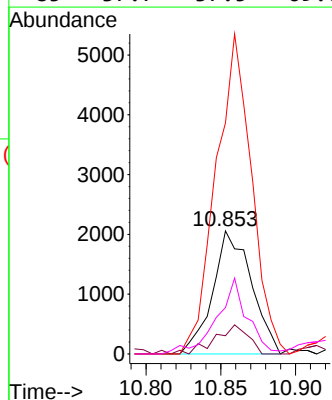
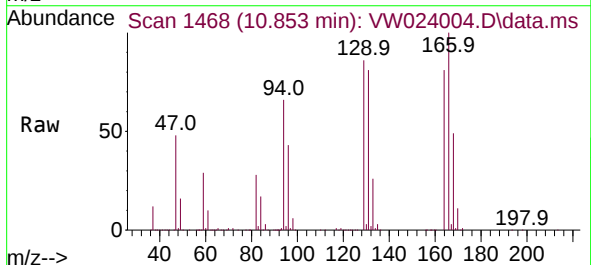
Ion Ratio Lower Upper

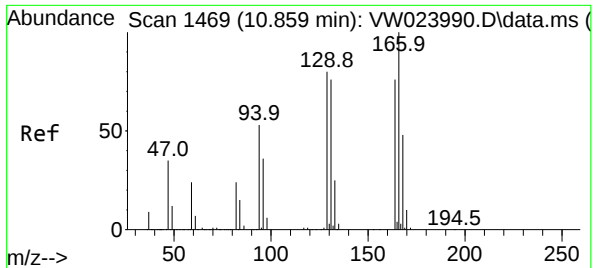
97 100

99 14.8 44.2 82.2#

83 187.7 59.8 111.0#

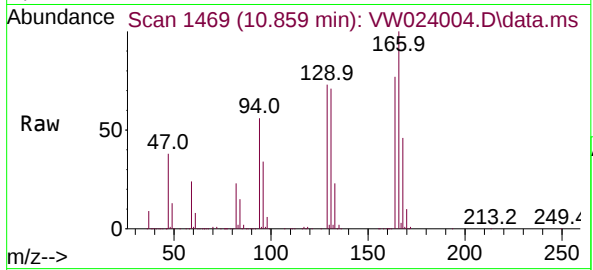
85 37.7 37.5 69.6





#46
Tetrachloroethene
Concen: 109.972 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024004.D
Acq: 22 Jul 2022 13:56

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	164	Resp:	331103
Ion	Ratio	Lower	Upper
164	100		
129	95.1	72.4	134.5
131	93.0	67.8	125.8
166	130.5	88.9	165.1

