

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023804.D
 Acq On : 16 Jul 2022 21:37
 Operator : SY/VA
 Sample : N3702-18
 Misc : 6.33g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C72

Quant Time: Jul 18 02:09:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 18 02:05:50 2022
 Response via : Initial Calibration

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

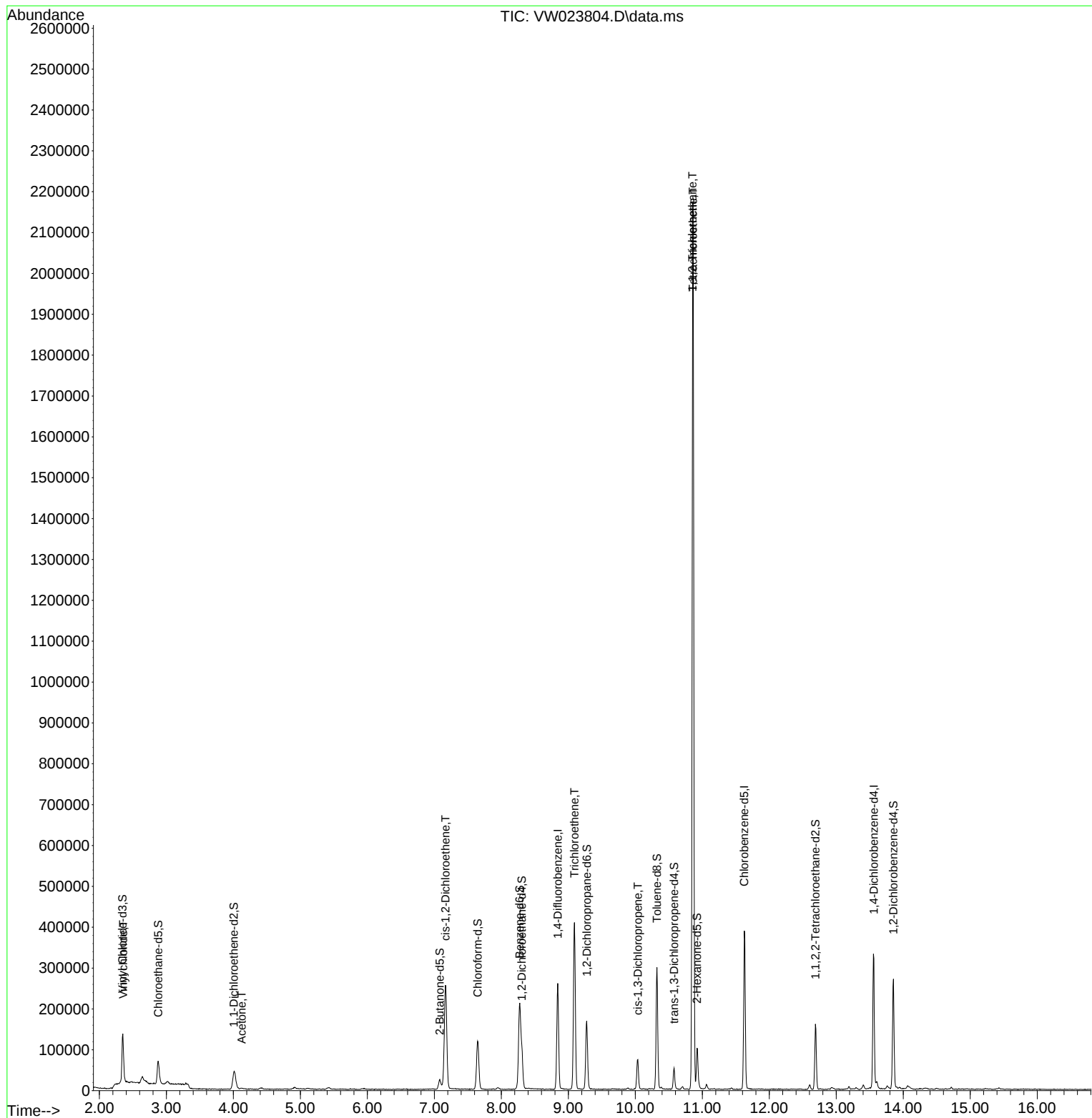
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	193746	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	192684	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	75876	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	84033	16.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.920%
7) Chloroethane-d5	2.879	69	63661	19.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.120%
11) 1,1-Dichloroethene-d2	4.007	63	42027	10.430	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.720%#
21) 2-Butanone-d5	7.080	46	34754	45.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.560%
24) Chloroform-d	7.647	84	110602	19.607	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.440%
26) 1,2-Dichloroethane-d4	8.305	65	68662	19.902	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.600%
32) Benzene-d6	8.275	84	196529	19.621	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.480%
36) 1,2-Dichloropropane-d6	9.274	67	68455	22.689	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.760%
41) Toluene-d8	10.323	98	184706	18.180	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	72.720%
43) trans-1,3-Dichloroprop...	10.579	79	24827	17.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.240%
47) 2-Hexanone-d5	10.920	63	30612	48.251	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.500%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	71083	21.319	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	60704	22.411	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.640%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.355	62	45866	8.284	ug/L	98
13) Acetone	4.123	43	2161	3.982	ug/L	72
20) cis-1,2-Dichloroethene	7.165	96	136357	49.394	ug/L #	93
34) Trichloroethene	9.092	95	126730	43.829	ug/L	98
39) cis-1,3-Dichloropropene	10.036	75	2490	0.602	ug/L #	64
45) 1,1,2-Trichloroethane	10.853	97	4567	1.903	ug/L #	18
46) Tetrachloroethene	10.860	164	396898	177.522	ug/L	99

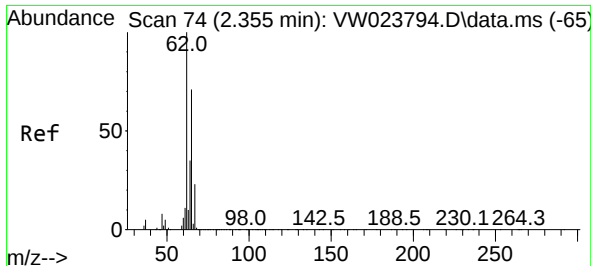
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Jul 18 02:05:50 2022
Response via : Initial Calibration

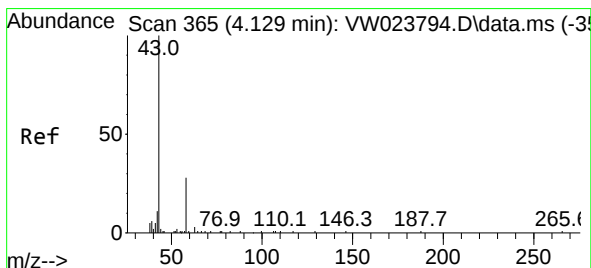
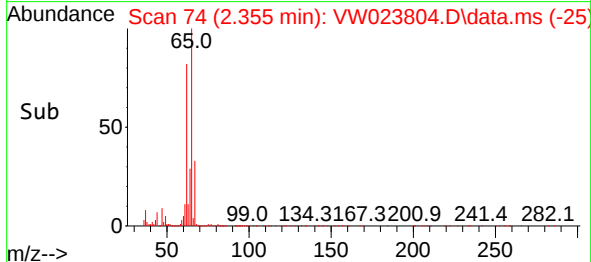
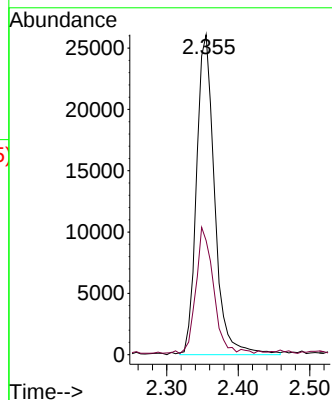
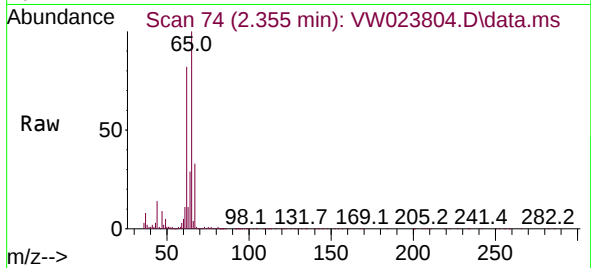




#5
 Vinyl chloride
 Concen: 8.284 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023804.D
 Acq: 16 Jul 2022 21:37

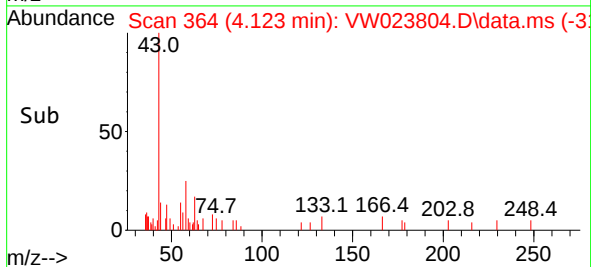
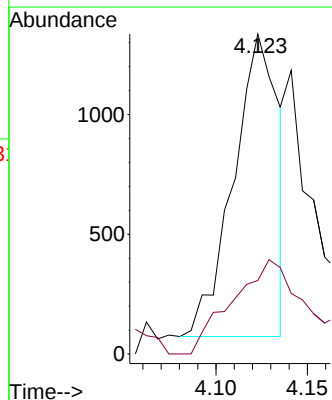
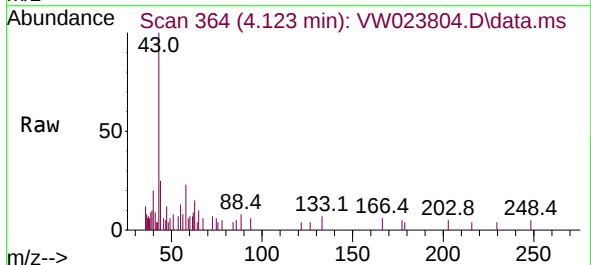
Instrument :
 MSVOA_W
 ClientSampleId :
 F5C72

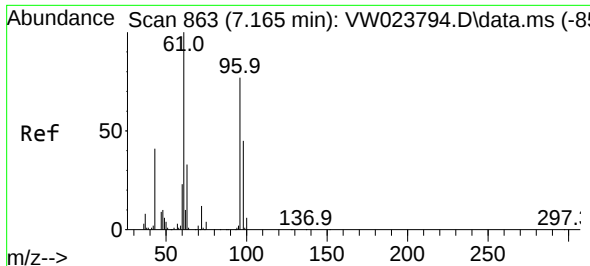
Tgt Ion: 62 Resp: 45866
 Ion Ratio Lower Upper
 62 100
 64 35.7 24.0 44.6



#13
 Acetone
 Concen: 3.982 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW023804.D
 Acq: 16 Jul 2022 21:37

Tgt Ion: 43 Resp: 2161
 Ion Ratio Lower Upper
 43 100
 58 47.5 0.0 64.2

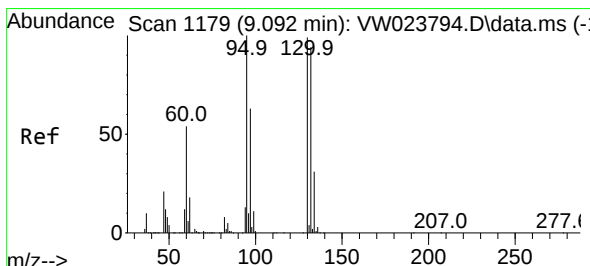
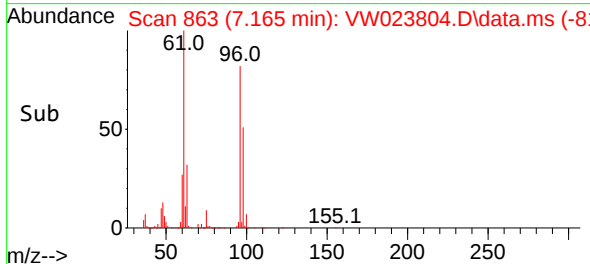
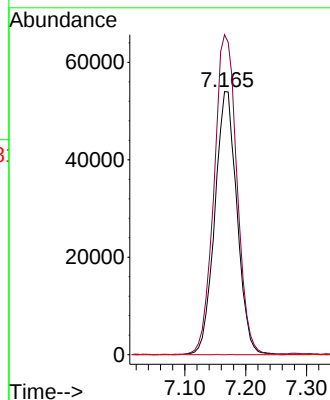
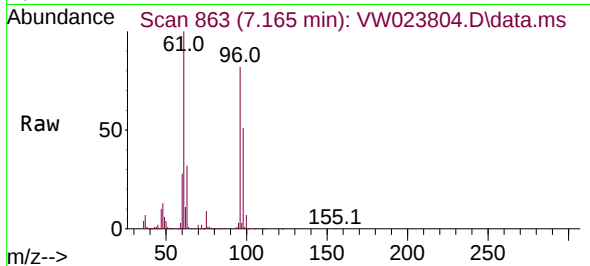




#20
 cis-1,2-Dichloroethene
 Concen: 49.394 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VW023804.D
 Acq: 16 Jul 2022 21:37

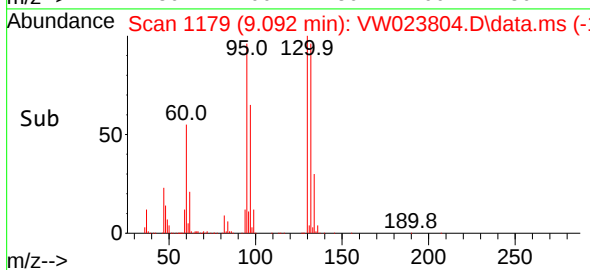
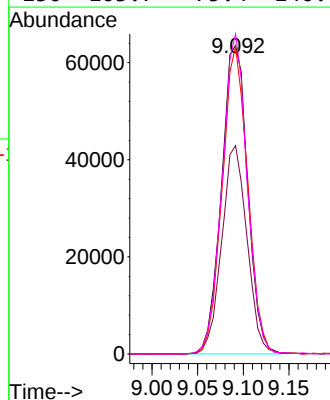
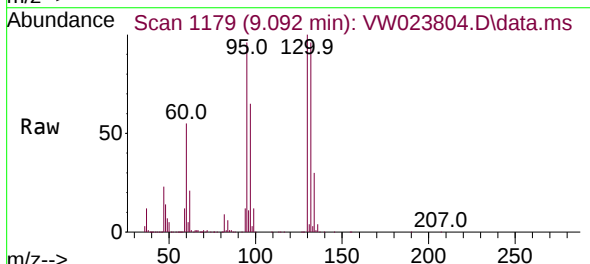
Instrument :
 MSVOA_W
 ClientSampleId :
 F5C72

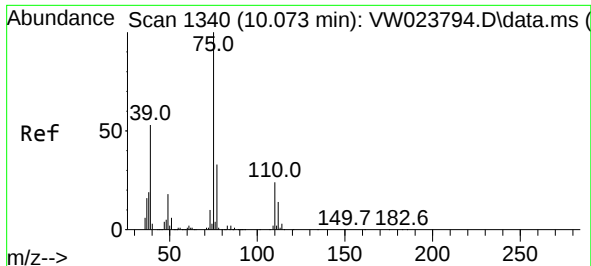
Tgt Ion: 96 Resp: 136357
 Ion Ratio Lower Upper
 96 100
 61 121.7 90.6 168.2
 68 0.0 0.2 0.4#



#34
 Trichloroethene
 Concen: 43.829 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. -0.000 min
 Lab File: VW023804.D
 Acq: 16 Jul 2022 21:37

Tgt Ion: 95 Resp: 126730
 Ion Ratio Lower Upper
 95 100
 97 67.5 45.6 84.8
 132 99.7 69.9 129.7
 130 103.7 75.4 140.0





#39

cis-1,3-Dichloropropene

Concen: 0.602 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW023804.D

Acq: 16 Jul 2022 21:37

Instrument :

MSVOA_W

ClientSampleId :

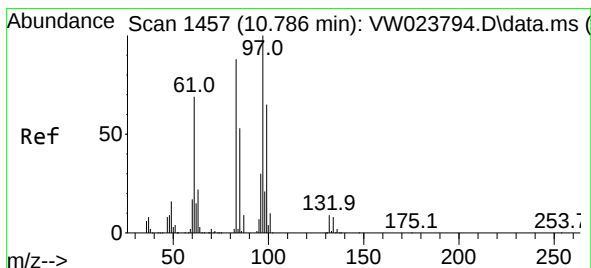
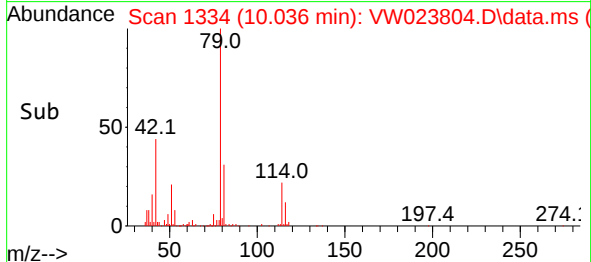
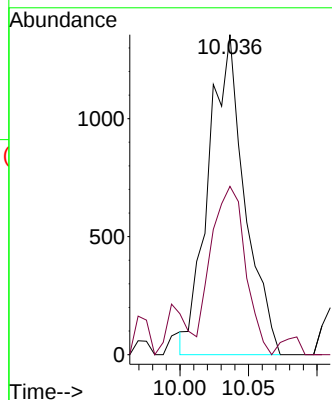
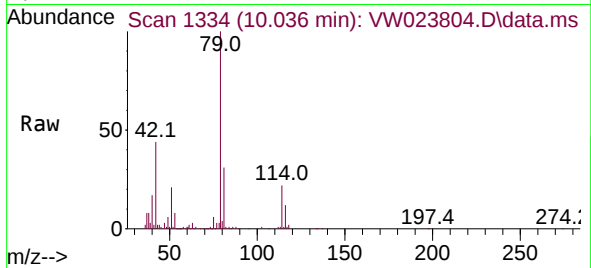
F5C72

Tgt Ion: 75 Resp: 2490

Ion Ratio Lower Upper

75 100

77 52.6 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 1.903 ug/L

RT: 10.853 min Scan# 1468

Delta R.T. 0.067 min

Lab File: VW023804.D

Acq: 16 Jul 2022 21:37

Tgt Ion: 97 Resp: 4567

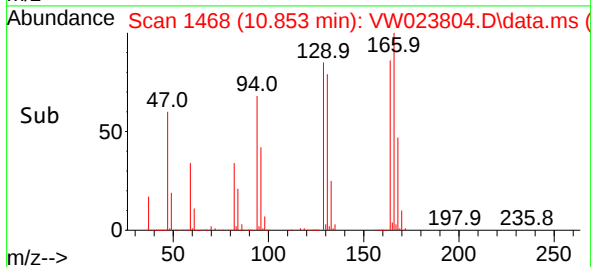
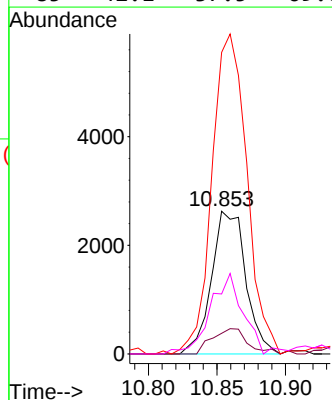
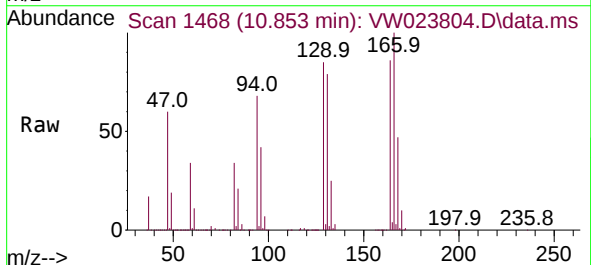
Ion Ratio Lower Upper

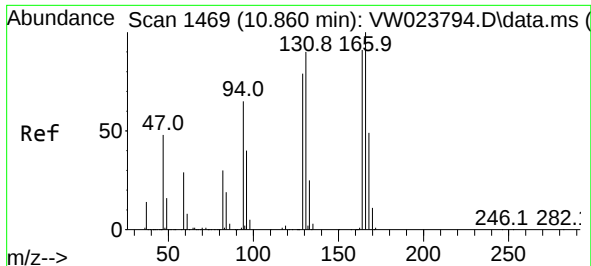
97 100

99 14.5 44.2 82.2#

83 211.3 59.8 111.0#

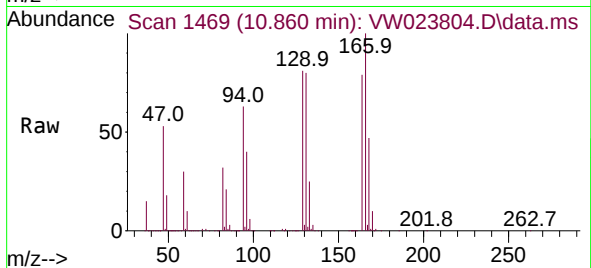
85 42.1 37.5 69.6





#46
 Tetrachloroethene
 Concen: 177.522 ug/L
 RT: 10.860 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VW023804.D
 Acq: 16 Jul 2022 21:37

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C72



Tgt Ion:	164	Resp:	396898
Ion	Ratio	Lower	Upper
164	100		
129	103.6	72.4	134.5
131	101.2	67.8	125.8
166	127.3	88.9	165.1

