

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023901.D
 Acq On : 19 Jul 2022 22:55
 Operator : SY/VA
 Sample : N3743-05
 Misc : 5.79g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C91

Quant Time: Jul 20 03:01:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 02:42:08 2022
 Response via : Initial Calibration

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

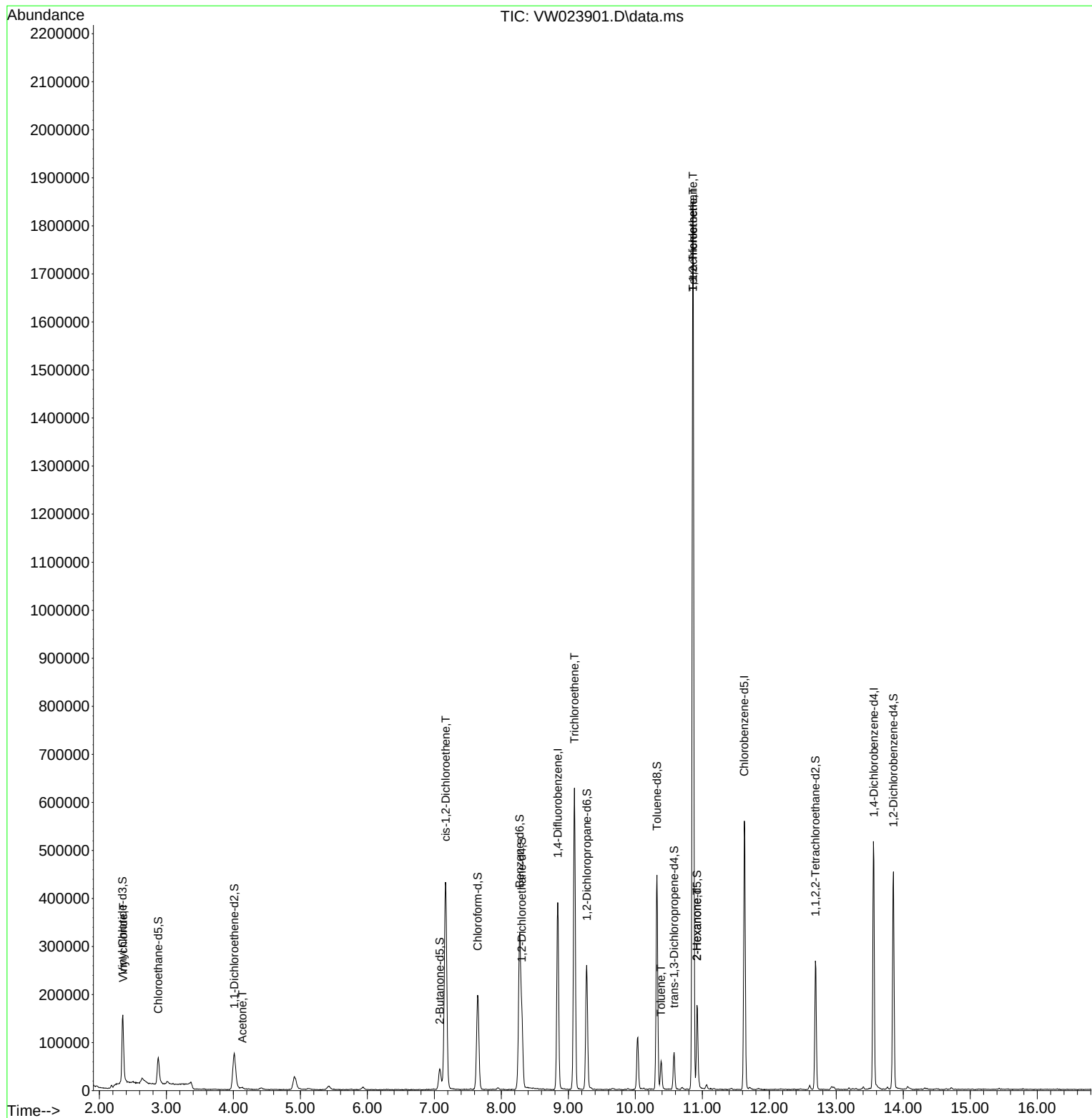
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	320062	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	293334	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	125950	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	86762	10.614	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	42.440%		
7) Chloroethane-d5	2.879	69	66797	12.249	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	49.000%		
11) 1,1-Dichloroethene-d2	4.013	63	77974	11.714	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	46.840%		
21) 2-Butanone-d5	7.080	46	67346	53.113	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	106.220%		
24) Chloroform-d	7.647	84	194654	20.889	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.560%		
26) 1,2-Dichloroethane-d4	8.305	65	111900	19.634	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.520%		
32) Benzene-d6	8.275	84	329952	21.638	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.560%		
36) 1,2-Dichloropropane-d6	9.274	67	112686	24.534	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.120%		
41) Toluene-d8	10.323	98	287112	18.563	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	74.240%		
43) trans-1,3-Dichloroprop...	10.579	79	41029	19.057	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.240%		
47) 2-Hexanone-d5	10.920	63	54822	56.761	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.520%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	124287	24.485	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	97.960%		
66) 1,2-Dichlorobenzene-d4	13.853	152	109644	24.386	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.560%		
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	61484	6.722	ug/L	99
13) Acetone	4.135	43	5419	6.045	ug/L	72
20) cis-1,2-Dichloroethene	7.171	96	248869	54.571	ug/L #	92
34) Trichloroethene	9.092	95	205206	46.618	ug/L	97
42) Toluene	10.384	91	41157	2.165	ug/L	97
45) 1,1,2-Trichloroethane	10.860	97	3886	1.063	ug/L #	1
46) Tetrachloroethene	10.860	164	374084	109.907	ug/L	96
48) 2-Hexanone	10.920	43	8123	3.836	ug/L #	58

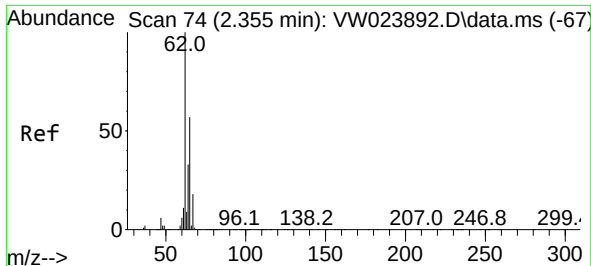
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jul 20 02:42:08 2022
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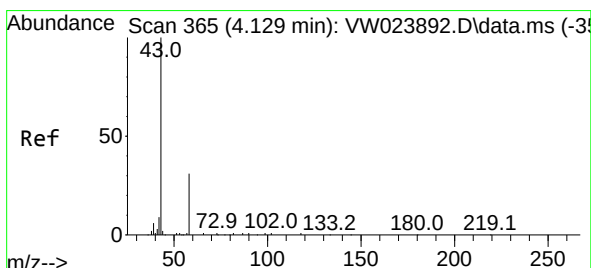
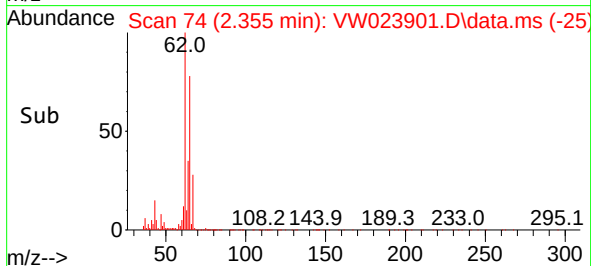
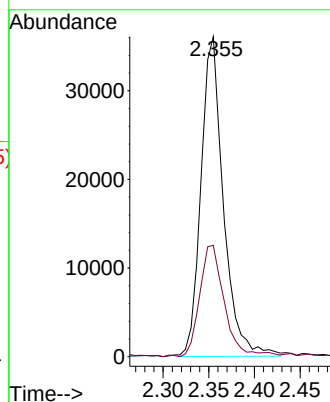
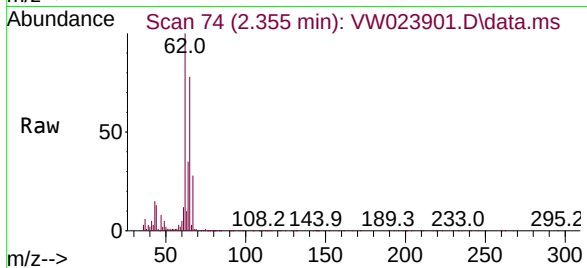




#5
 Vinyl chloride
 Concen: 6.722 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VW023901.D
 Acq: 19 Jul 2022 22:55

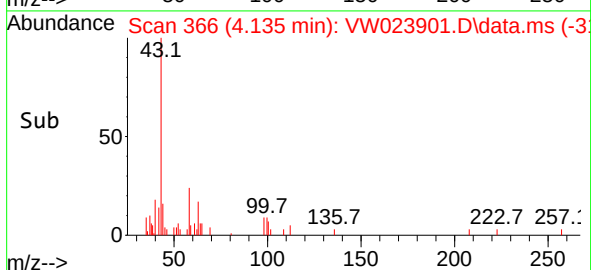
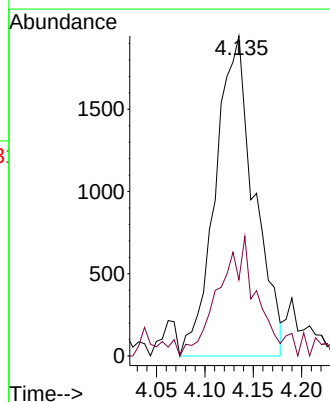
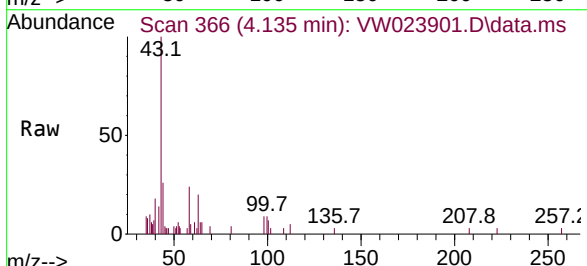
Instrument :
 MSVOA_W
 ClientSampleId :
 F5C91

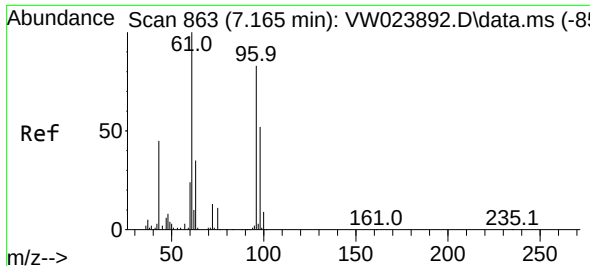
Tgt Ion: 62 Resp: 61484
 Ion Ratio Lower Upper
 62 100
 64 34.8 24.0 44.6



#13
 Acetone
 Concen: 6.045 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. 0.006 min
 Lab File: VW023901.D
 Acq: 19 Jul 2022 22:55

Tgt Ion: 43 Resp: 5419
 Ion Ratio Lower Upper
 43 100
 58 16.2 0.0 64.2

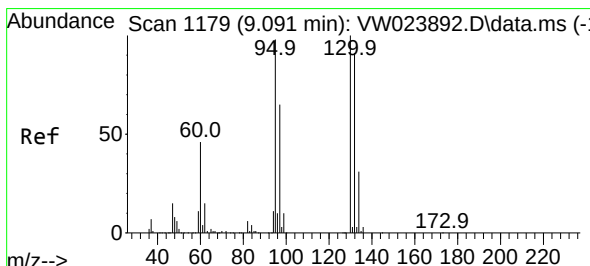
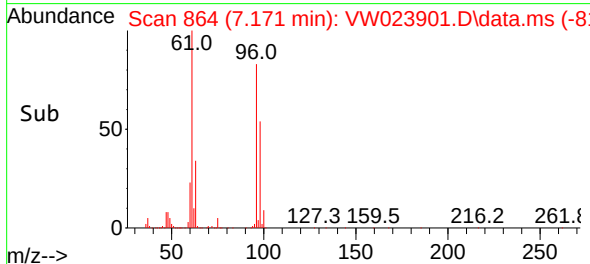
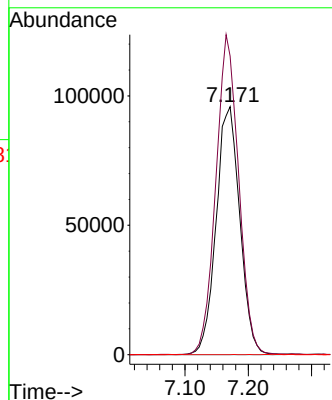
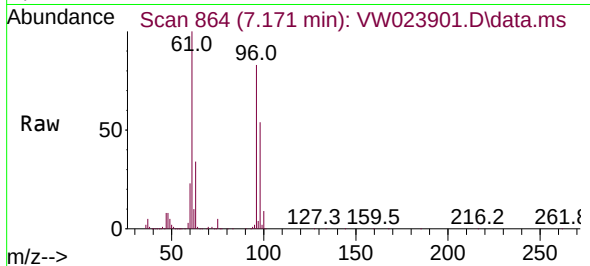




#20
 cis-1,2-Dichloroethene
 Concen: 54.571 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW023901.D
 Acq: 19 Jul 2022 22:55

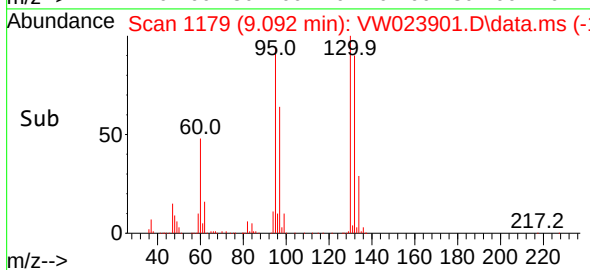
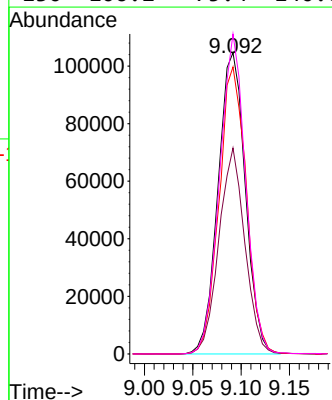
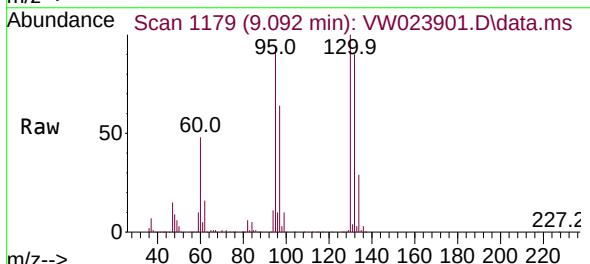
Instrument :
 MSVOA_W
 ClientSampleId :
 F5C91

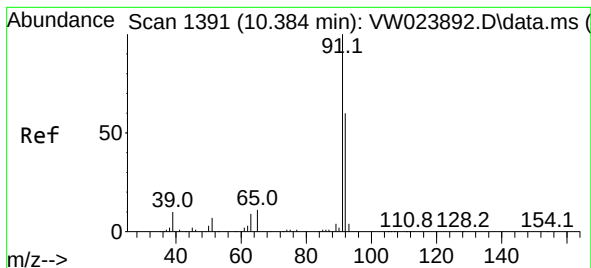
Tgt Ion: 96 Resp: 248869
 Ion Ratio Lower Upper
 96 100
 61 120.4 90.6 168.2
 68 0.0 0.2 0.4#



#34
 Trichloroethene
 Concen: 46.618 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW023901.D
 Acq: 19 Jul 2022 22:55

Tgt Ion: 95 Resp: 205206
 Ion Ratio Lower Upper
 95 100
 97 68.3 45.6 84.8
 132 95.3 69.9 129.7
 130 106.2 75.4 140.0





#42

Toluene

Concen: 2.165 ug/L

RT: 10.384 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW023901.D

Acq: 19 Jul 2022 22:55

Instrument :

MSVOA_W

ClientSampleId :

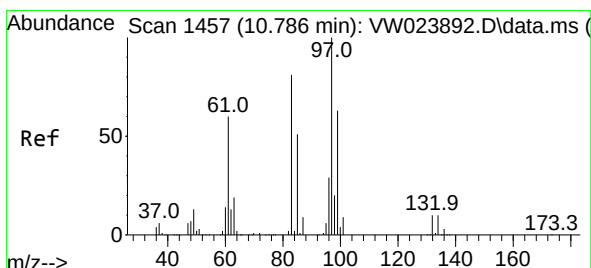
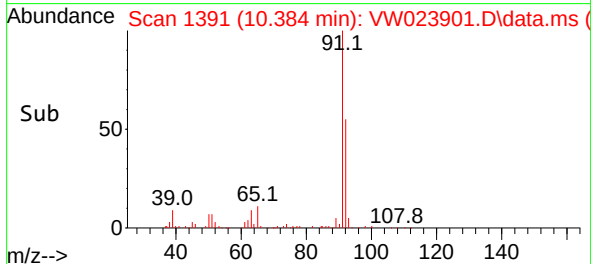
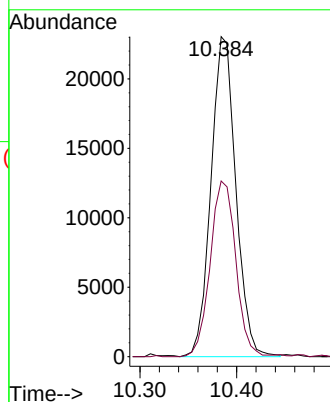
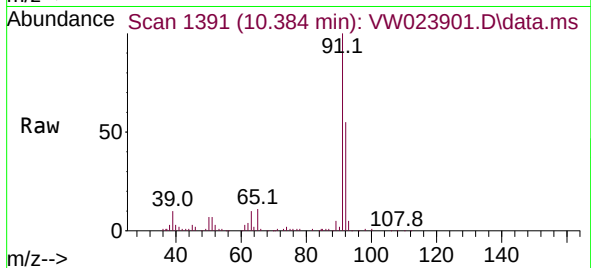
F5C91

Tgt Ion: 91 Resp: 41157

Ion Ratio Lower Upper

91 100

92 54.9 39.9 74.1



#45

1,1,2-Trichloroethane

Concen: 1.063 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.073 min

Lab File: VW023901.D

Acq: 19 Jul 2022 22:55

Tgt Ion: 97 Resp: 3886

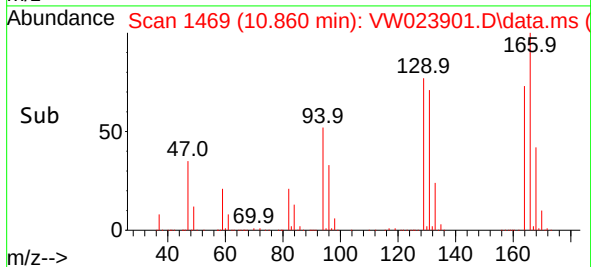
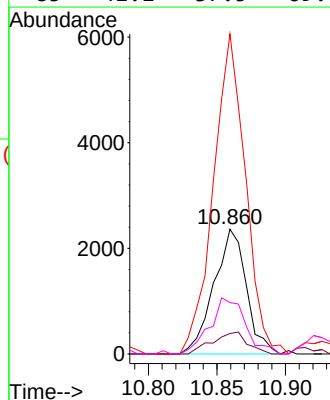
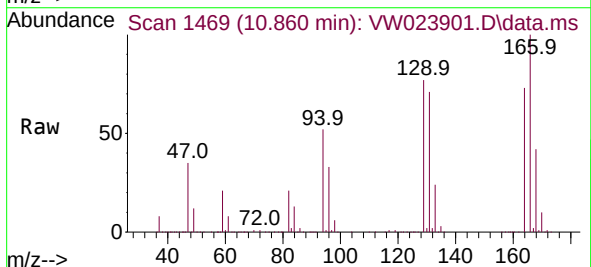
Ion Ratio Lower Upper

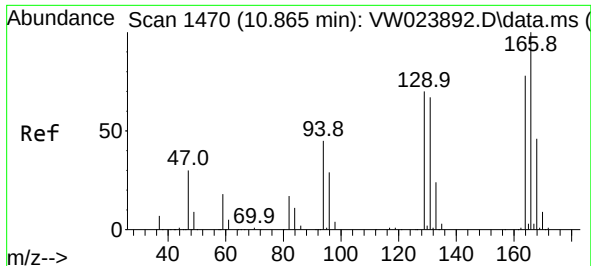
97 100

99 16.4 44.2 82.2#

83 256.3 59.8 111.0#

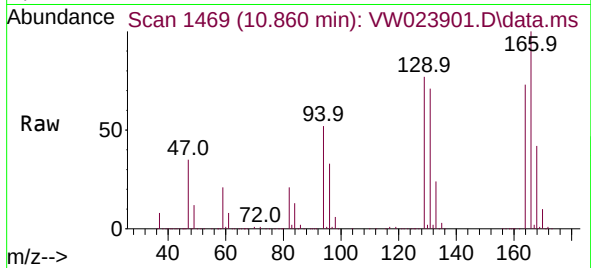
85 41.1 37.5 69.6



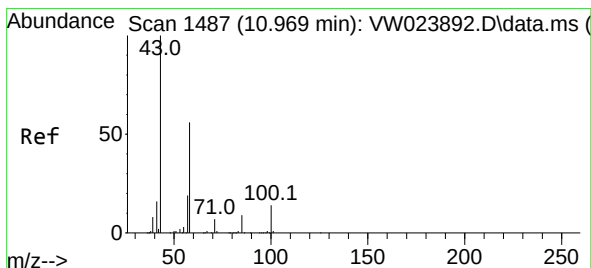
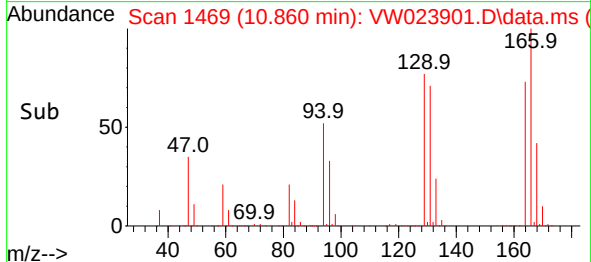
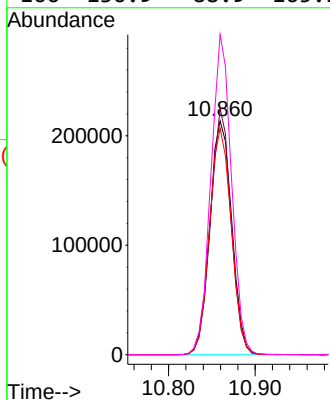


#46
Tetrachloroethene
Concen: 109.907 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW023901.D
Acq: 19 Jul 2022 22:55

Instrument :
MSVOA_W
ClientSampleId :
F5C91



Tgt Ion:	164	Resp:	374084
Ion	Ratio	Lower	Upper
164	100		
129	105.4	72.4	134.5
131	96.8	67.8	125.8
166	136.9	88.9	165.1



#48
2-Hexanone
Concen: 3.836 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW023901.D
Acq: 19 Jul 2022 22:55

Tgt Ion:	43	Resp:	8123
Ion	Ratio	Lower	Upper
43	100		
58	18.1	41.6	62.4#
57	32.2	14.6	21.8#
100	0.3	10.6	15.8#

