

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030922\
 Data File : VW022246.D
 Acq On : 09 Mar 2022 12:20
 Operator : SY/VA
 Sample : N1816-20RE
 Misc : 6.20g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 10 04:14:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Mar 10 04:11:04 2022
 Response via : Initial Calibration

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

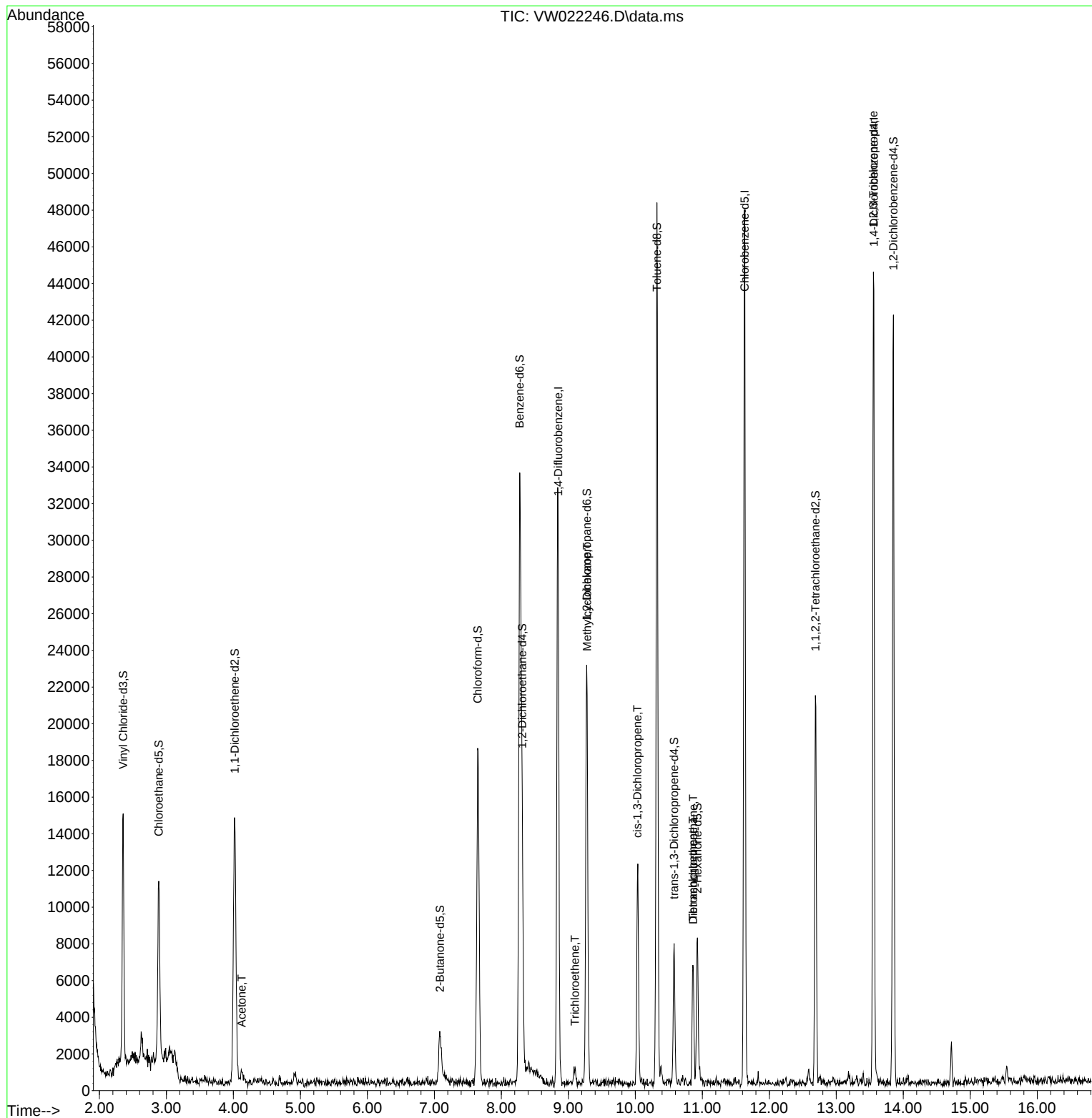
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	28755	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	27693	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	11743	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	12958	34.550	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 138.200%		
7) Chloroethane-d5	2.885	69	10265	34.785	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 139.160%		
11) 1,1-Dichloroethene-d2	4.019	63	13431	23.385	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 93.520%		
21) 2-Butanone-d5	7.086	46	4691	74.390	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 148.780%#		
24) Chloroform-d	7.647	84	18799	29.302	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 117.200%		
26) 1,2-Dichloroethane-d4	8.311	65	11037	33.095	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 132.400%#		
32) Benzene-d6	8.275	84	33867	26.277	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 105.120%		
36) 1,2-Dichloropropane-d6	9.274	67	10501	29.339	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 117.360%		
41) Toluene-d8	10.323	98	30625	23.901	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 95.600%		
43) trans-1,3-Dichloroprop...	10.579	79	4170	26.276	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 105.120%		
47) 2-Hexanone-d5	10.927	63	2743	46.596	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 93.200%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	10094	32.134	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 128.520%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	10553	27.979	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 111.920%		
Target Compounds						
						Qvalue
13) Acetone	4.123	43	621	12.057	ug/L	95
34) Trichloroethene	9.098	95	248	0.647	ug/L	86
35) Methylcyclohexane	9.281	83	3024	5.100	ug/L #	21
39) cis-1,3-Dichloropropene	10.030	75	349	0.735	ug/L #	60
46) Tetrachloroethene	10.860	164	1524	4.538	ug/L #	80
49) Dibromochloromethane	10.866	129	1340	3.983	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	1356	7.316	ug/L #	50

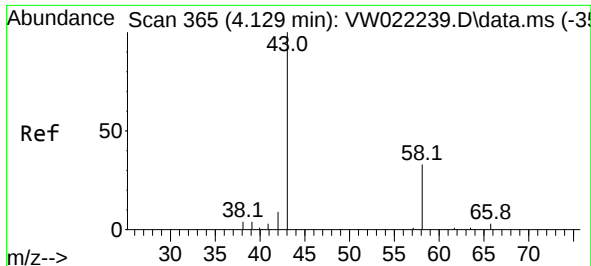
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Mar 10 04:11:04 2022
Response via : Initial Calibration





#13

Acetone

Concen: 12.057 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW022246.D

Acq: 09 Mar 2022 12:20

Instrument :

MSVOA_W

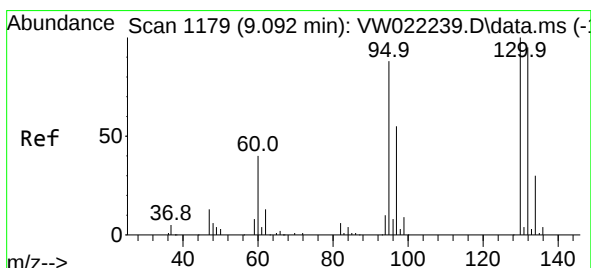
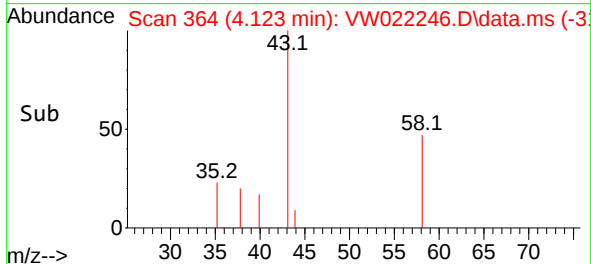
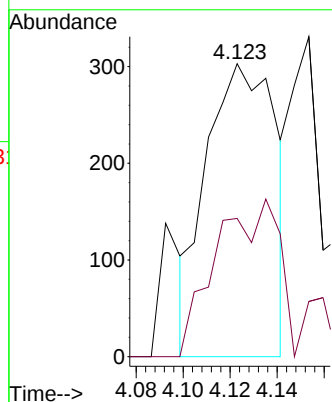
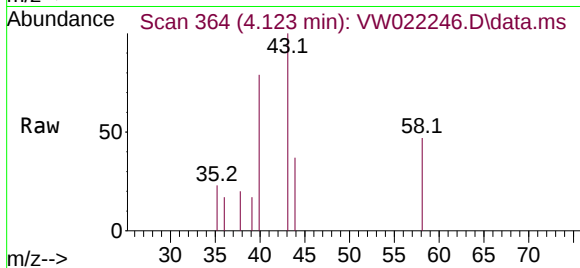
ClientSampleId :

Tgt Ion: 43 Resp: 621

Ion Ratio Lower Upper

43 100

58 31.9 0.0 69.2



#34

Trichloroethene

Concen: 0.647 ug/L

RT: 9.098 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VW022246.D

Acq: 09 Mar 2022 12:20

Tgt Ion: 95 Resp: 248

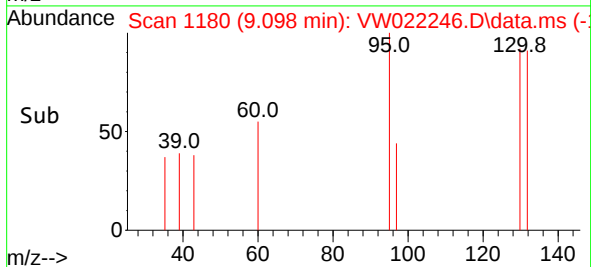
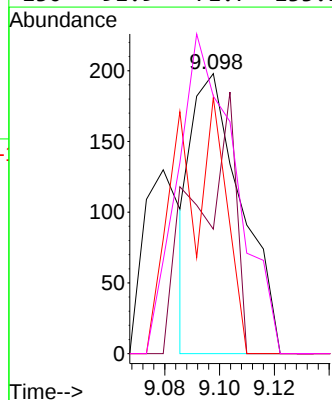
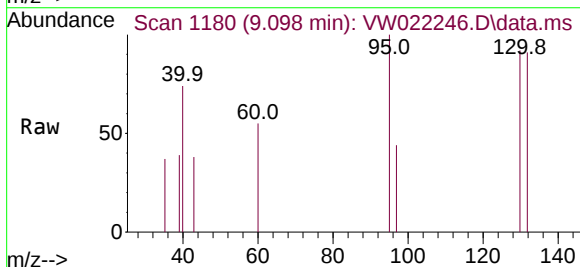
Ion Ratio Lower Upper

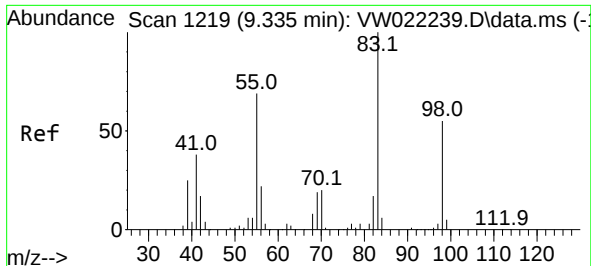
95 100

97 44.4 44.4 82.4

132 91.4 71.7 133.1

130 91.9 71.7 133.1





#35

Methylcyclohexane

Concen: 5.100 ug/L

RT: 9.281 min Scan# 11

Delta R.T. -0.055 min

Lab File: VW022246.D

Acq: 09 Mar 2022 12:20

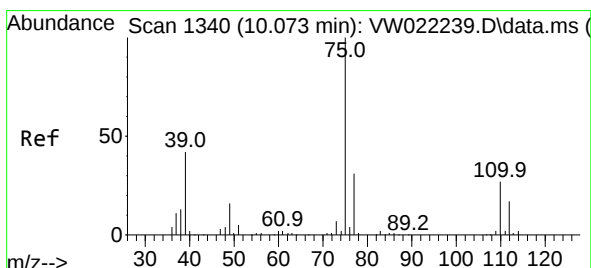
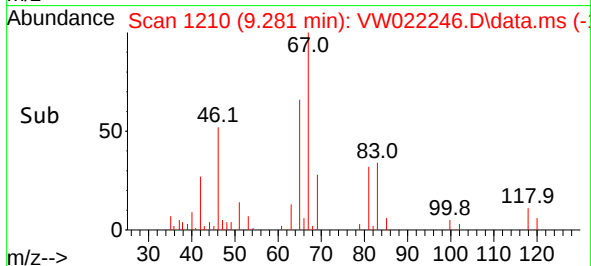
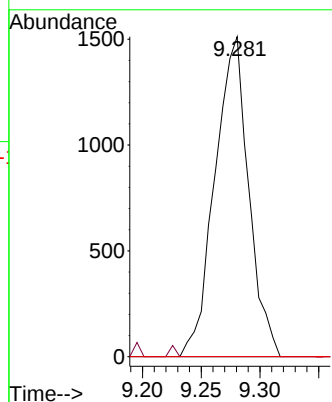
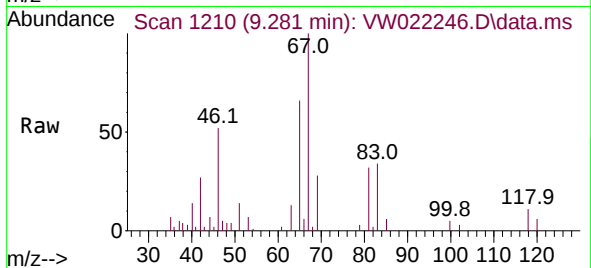
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83 Resp: 3024

Ion	Ratio	Lower	Upper
83	100		
55	1.4	53.8	80.8#
98	0.0	42.1	63.1#



#39

cis-1,3-Dichloropropene

Concen: 0.735 ug/L

RT: 10.030 min Scan# 1333

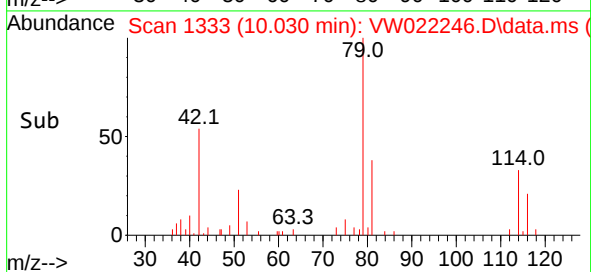
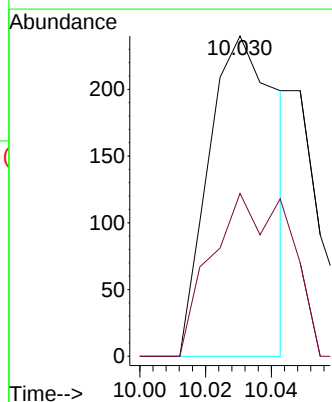
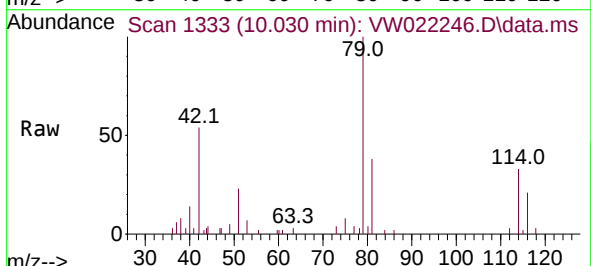
Delta R.T. -0.043 min

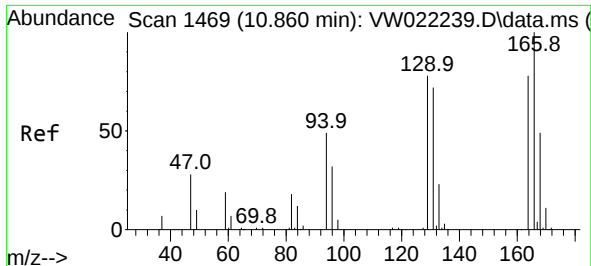
Lab File: VW022246.D

Acq: 09 Mar 2022 12:20

Tgt Ion: 75 Resp: 349

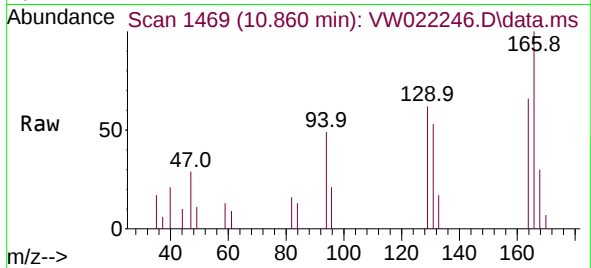
Ion	Ratio	Lower	Upper
75	100		
77	50.8	20.6	38.2#



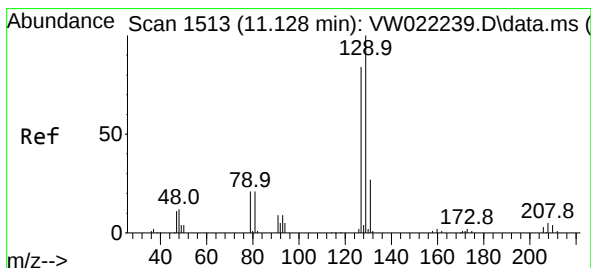
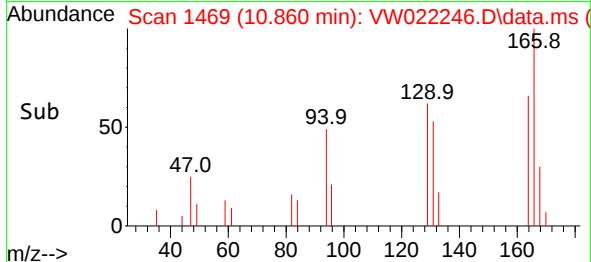
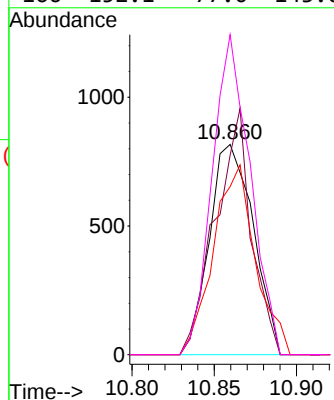


#46
Tetrachloroethene
Concen: 4.538 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022246.D
Acq: 09 Mar 2022 12:20

Instrument :
MSVOA_W
ClientSampleId :

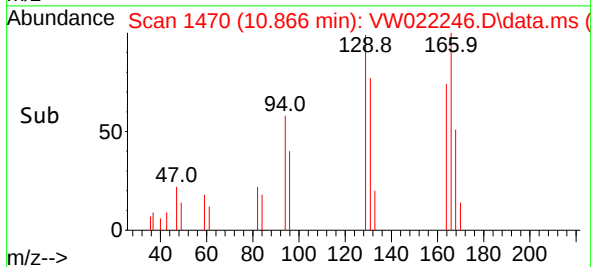
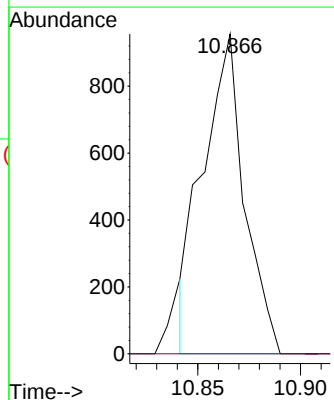
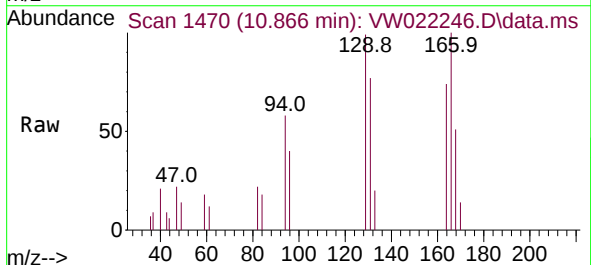


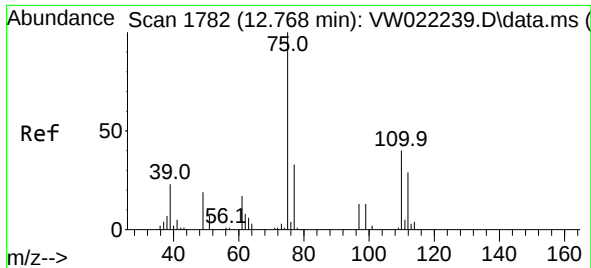
Tgt Ion:164 Resp: 1524
Ion Ratio Lower Upper
164 100
129 94.9 60.3 111.9
131 79.9 59.9 111.3
166 152.1 77.0 143.0#



#49
Dibromochloromethane
Concen: 3.983 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW022246.D
Acq: 09 Mar 2022 12:20

Tgt Ion:129 Resp: 1340
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#





#61

1,2,3-Trichloropropane

Concen: 7.316 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

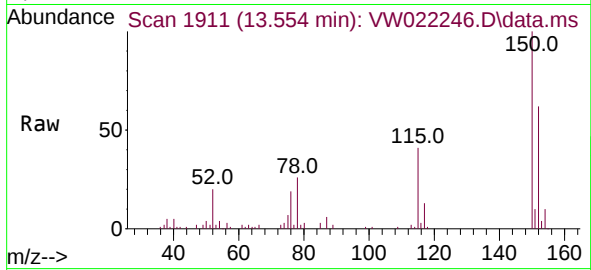
Lab File: VW022246.D

Acq: 09 Mar 2022 12:20

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 75 Resp: 1356

Ion Ratio Lower Upper

75 100

77 20.2 27.1 40.7#

110 0.0 36.7 55.1#

