

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021130.D
 Acq On : 04 Dec 2021 20:04
 Operator : SY/VA
 Sample : M4885-16
 Misc : 5.54g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 00:51:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

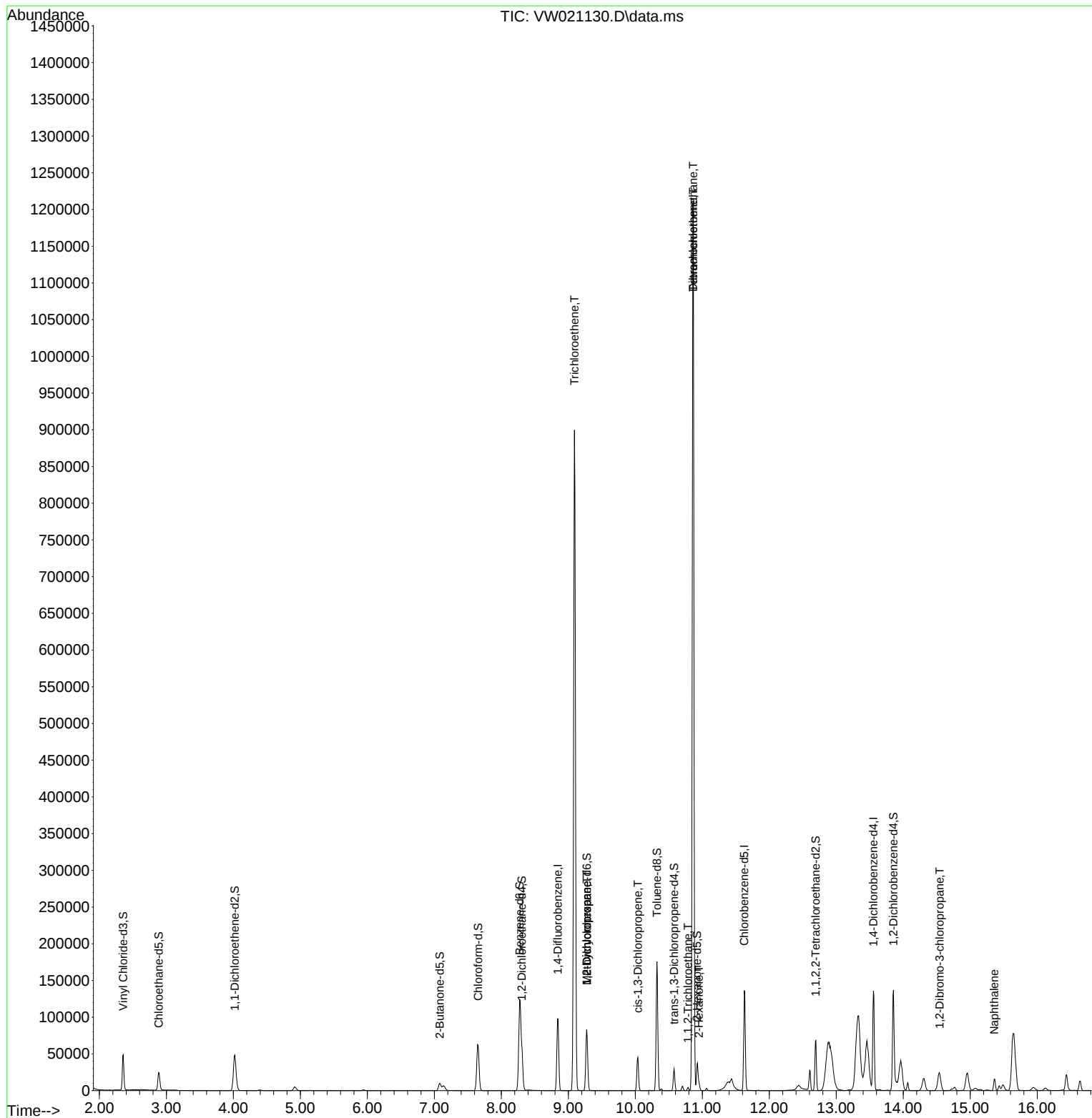
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	85718	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	74871	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	37063	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	45767	38.322	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	153.280%	#
7) Chloroethane-d5	2.886	69	28182	35.251	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	141.000%	
11) 1,1-Dichloroethene-d2	4.019	63	45027	23.600	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	94.400%	
21) 2-Butanone-d5	7.080	46	15627	57.366	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	114.740%	
24) Chloroform-d	7.653	84	62759	29.235	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	116.960%	
26) 1,2-Dichloroethane-d4	8.305	65	37884	32.258	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	129.040%	
32) Benzene-d6	8.275	84	121274	31.679	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	126.720%	
36) 1,2-Dichloropropane-d6	9.275	67	34496	32.425	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	129.720%	#
41) Toluene-d8	10.323	98	114174	29.086	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	116.360%	
43) trans-1,3-Dichloroprop...	10.579	79	14735	30.503	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	122.000%	
47) 2-Hexanone-d5	10.921	63	11317	55.600	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	111.200%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	30863	31.358	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	125.440%	#
66) 1,2-Dichlorobenzene-d4	13.853	152	35022	26.373	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	105.480%	
Target Compounds						
						Qvalue
34) Trichloroethene	9.092	95	287264	244.560	ug/L	93
35) Methylcyclohexane	9.275	83	9094	4.600	ug/L	# 15
37) 1,2-Dichloropropane	9.275	63	4421	4.594	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1386	0.890	ug/L	# 83
45) 1,1,2-Trichloroethane	10.787	97	1380	1.710	ug/L	82
46) Tetrachloroethene	10.866	164	266680	247.939	ug/L	94
48) 2-Hexanone	10.951	43	5287	11.180	ug/L	# 44
49) Dibromochloromethane	10.866	129	222615	220.774	ug/L	# 10
68) 1,2-Dibromo-3-chloropr...	14.542	75	1303	9.294	ug/L	# 10
71) Naphthalene	15.359	128	14407	5.291	ug/L	99

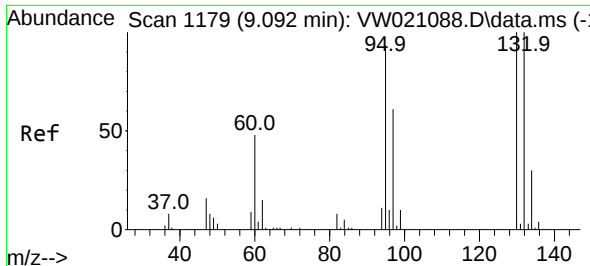
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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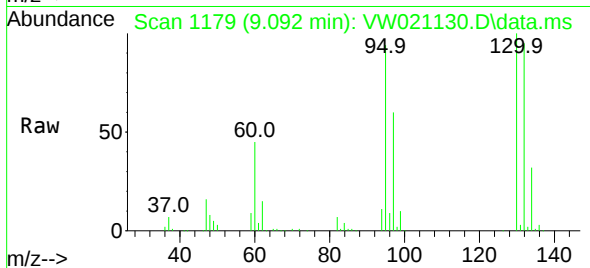
Quant Time: Dec 06 00:51:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
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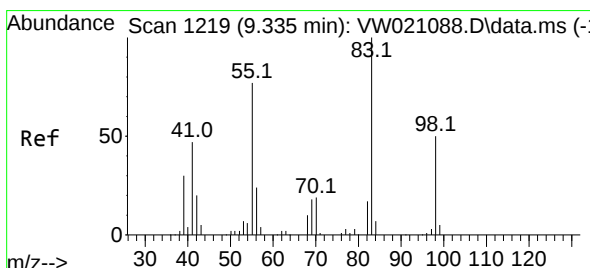
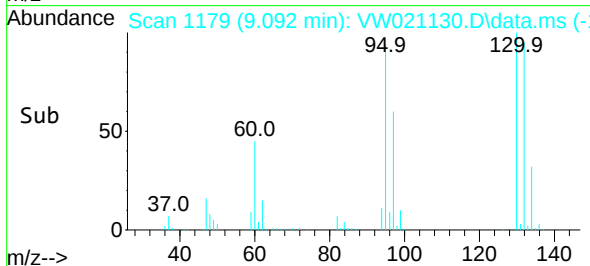
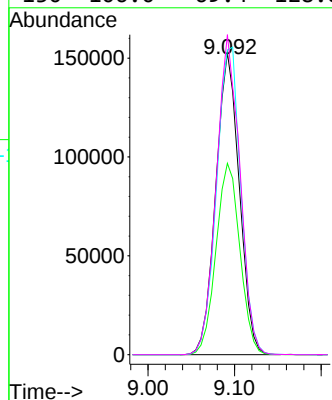
#34
Trichloroethene
Concen: 244.560 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021130.D
Acq: 04 Dec 2021 20:04

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 287264

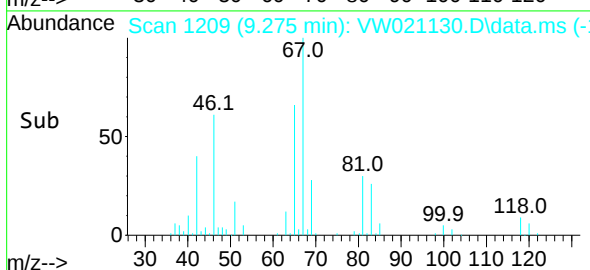
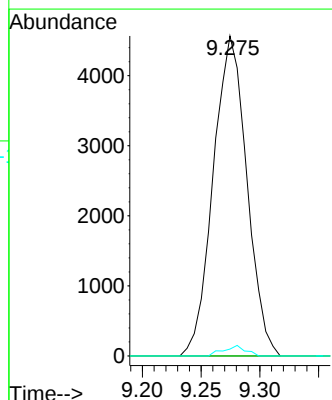
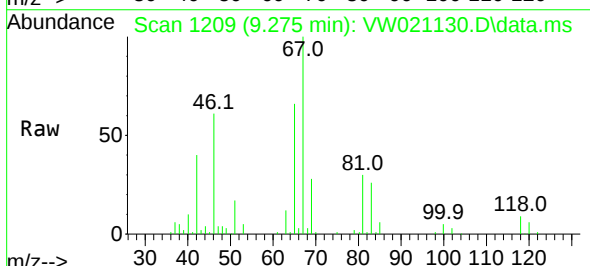
Ion	Ratio	Lower	Upper
95	100		
97	63.4	47.0	87.2
132	100.9	65.5	121.6
130	106.0	69.4	128.8

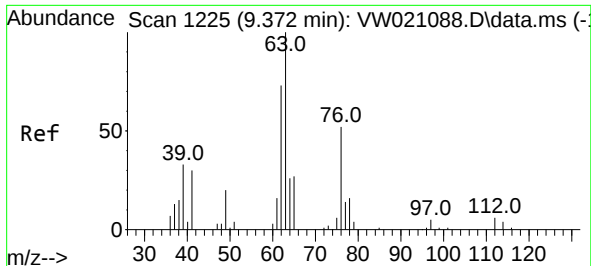


#35
Methylcyclohexane
Concen: 4.600 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021130.D
Acq: 04 Dec 2021 20:04

Tgt Ion: 83 Resp: 9094

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	2.1	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 4.594 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW021130.D

Acq: 04 Dec 2021 20:04

Instrument :

MSVOA_W

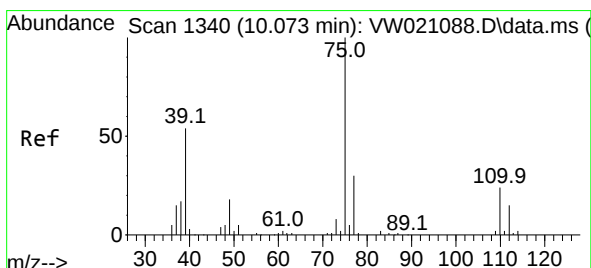
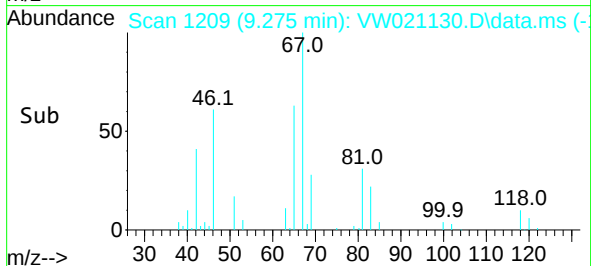
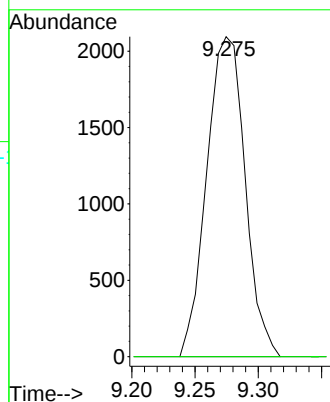
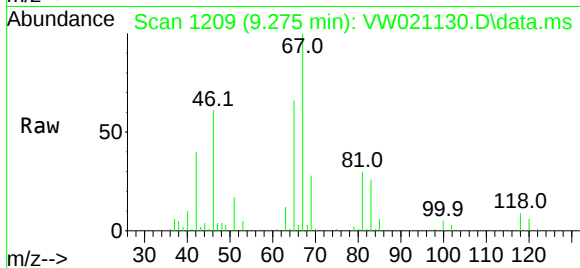
ClientSampleId :

Tgt Ion: 63 Resp: 4421

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.890 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021130.D

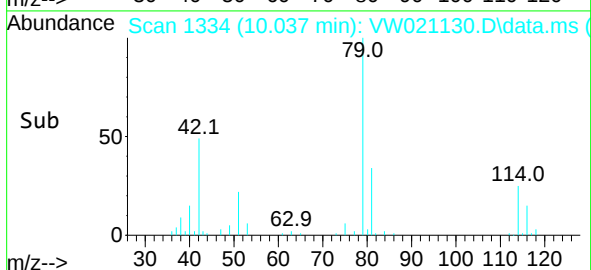
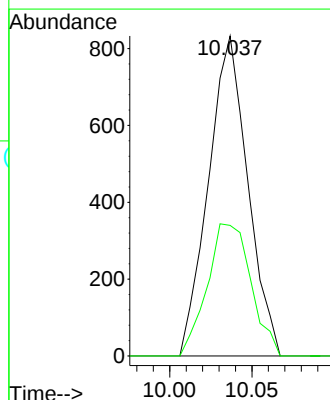
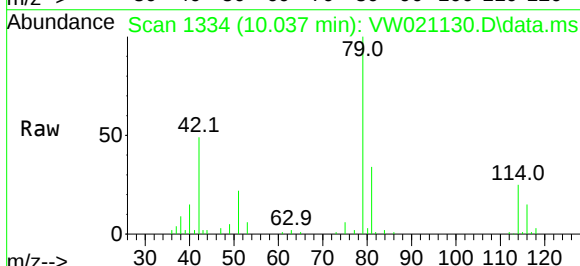
Acq: 04 Dec 2021 20:04

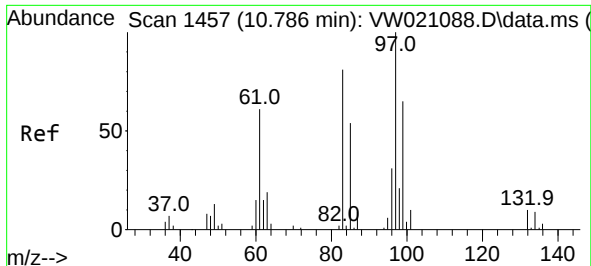
Tgt Ion: 75 Resp: 1386

Ion Ratio Lower Upper

75 100

77 40.8 21.8 40.6#





#45

1,1,2-Trichloroethane

Concen: 1.710 ug/L

RT: 10.787 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW021130.D

Acq: 04 Dec 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 1380

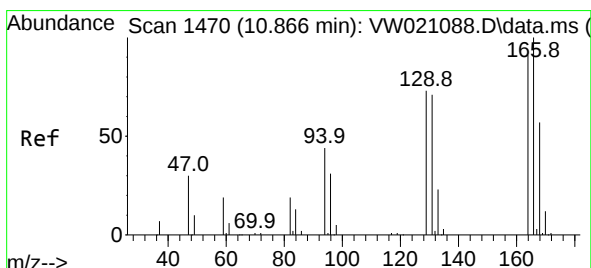
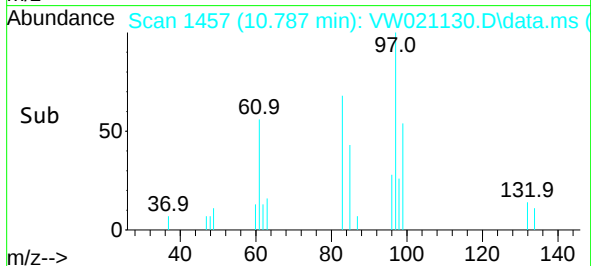
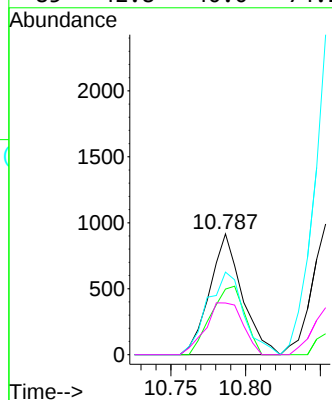
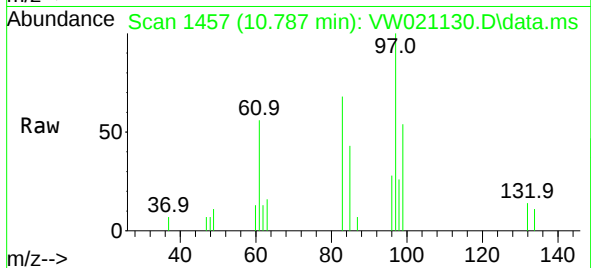
Ion Ratio Lower Upper

97 100

99 54.3 43.0 79.8

83 68.3 62.6 116.3

85 42.8 40.0 74.2



#46

Tetrachloroethene

Concen: 247.939 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW021130.D

Acq: 04 Dec 2021 20:04

Tgt Ion:164 Resp: 266680

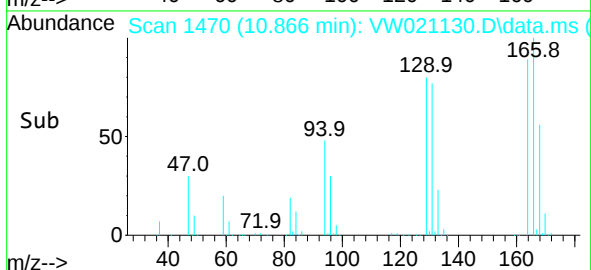
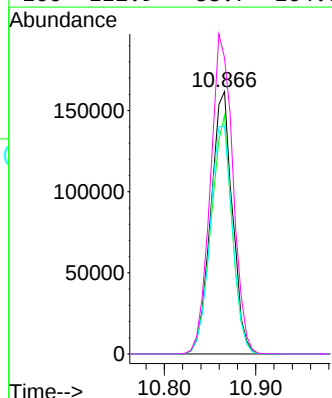
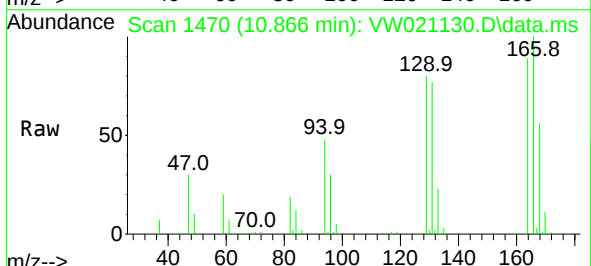
Ion Ratio Lower Upper

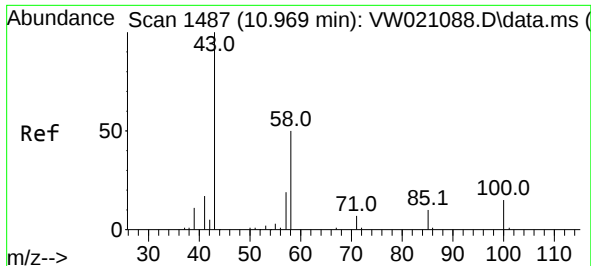
164 100

129 90.9 65.5 121.7

131 87.0 59.7 110.9

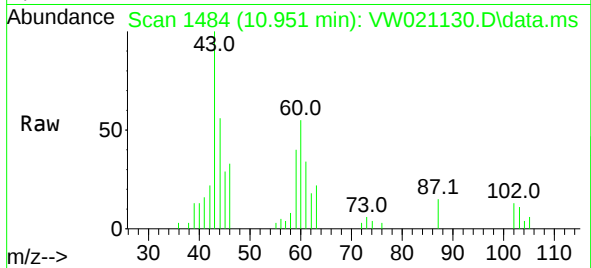
166 112.9 88.7 164.7



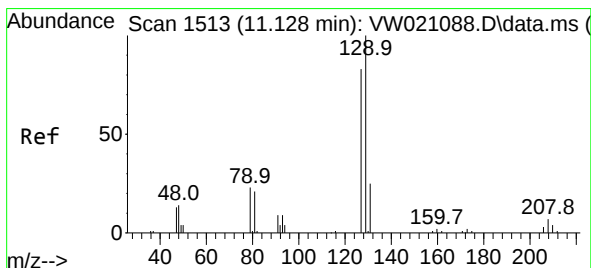
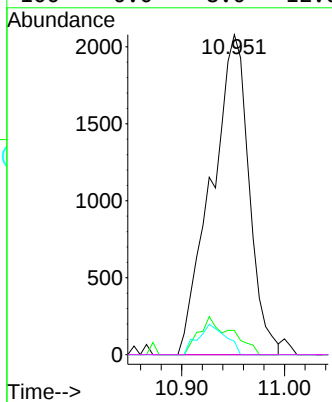
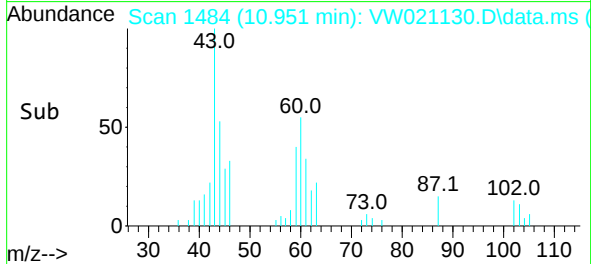


#48
2-Hexanone
Concen: 11.180 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW021130.D
Acq: 04 Dec 2021 20:04

Instrument :
MSVOA_W
ClientSampleId :

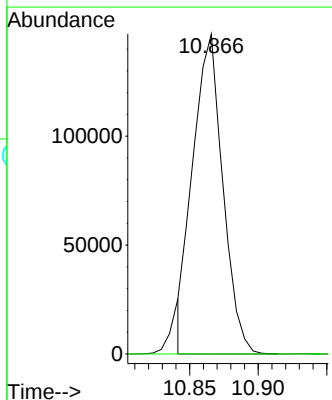
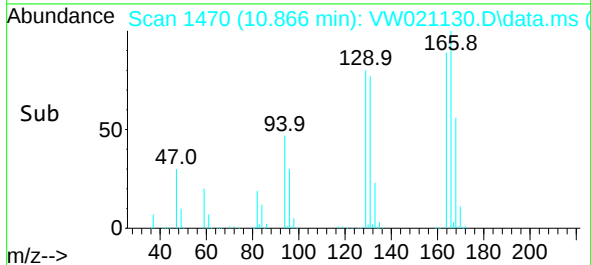
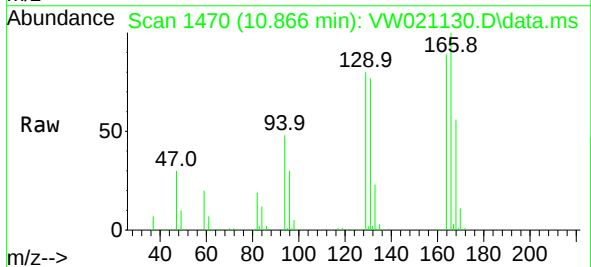


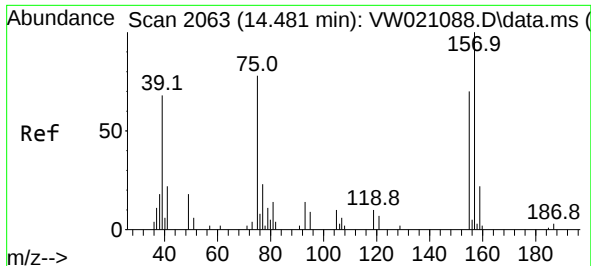
Tgt Ion: 43 Resp: 5287
Ion Ratio Lower Upper
43 100
58 3.8 40.2 60.2#
57 0.0 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 220.774 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW021130.D
Acq: 04 Dec 2021 20:04

Tgt Ion:129 Resp: 222615
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#68

1,2-Dibromo-3-chloropropane

Concen: 9.294 ug/L

RT: 14.542 min Scan# 2063

Delta R.T. 0.061 min

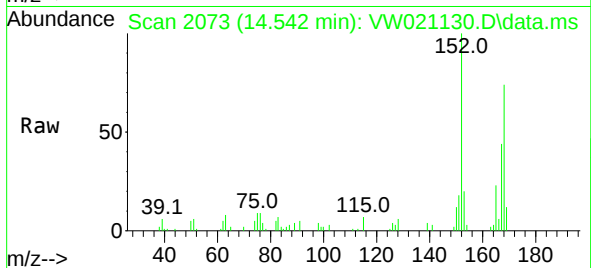
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Acq: 04 Dec 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :



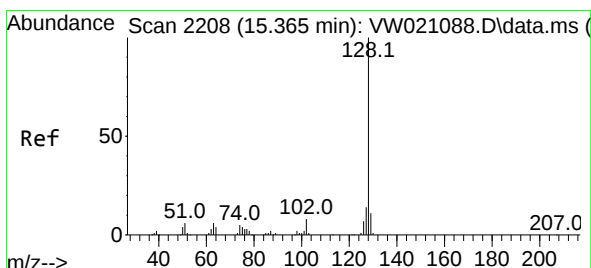
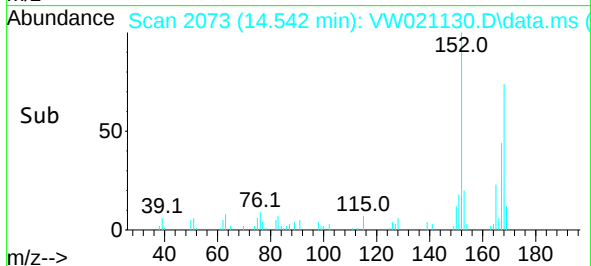
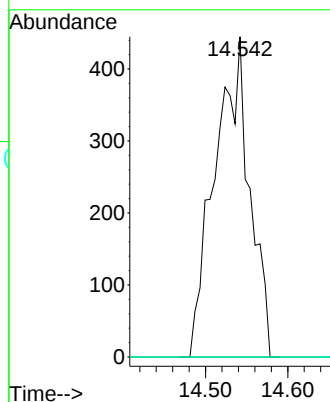
Tgt Ion: 75 Resp: 1303

Ion Ratio Lower Upper

75 100

155 0.0 54.2 81.2#

157 0.0 69.4 104.2#



#71

Naphthalene

Concen: 5.291 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW021130.D

Acq: 04 Dec 2021 20:04

Tgt Ion: 128 Resp: 14407

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.4 8.6 12.8

