

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021655.D
 Acq On : 25 Dec 2021 18:57
 Operator : SY/VA
 Sample : M5213-13RE
 Misc : 6.84g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:42:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

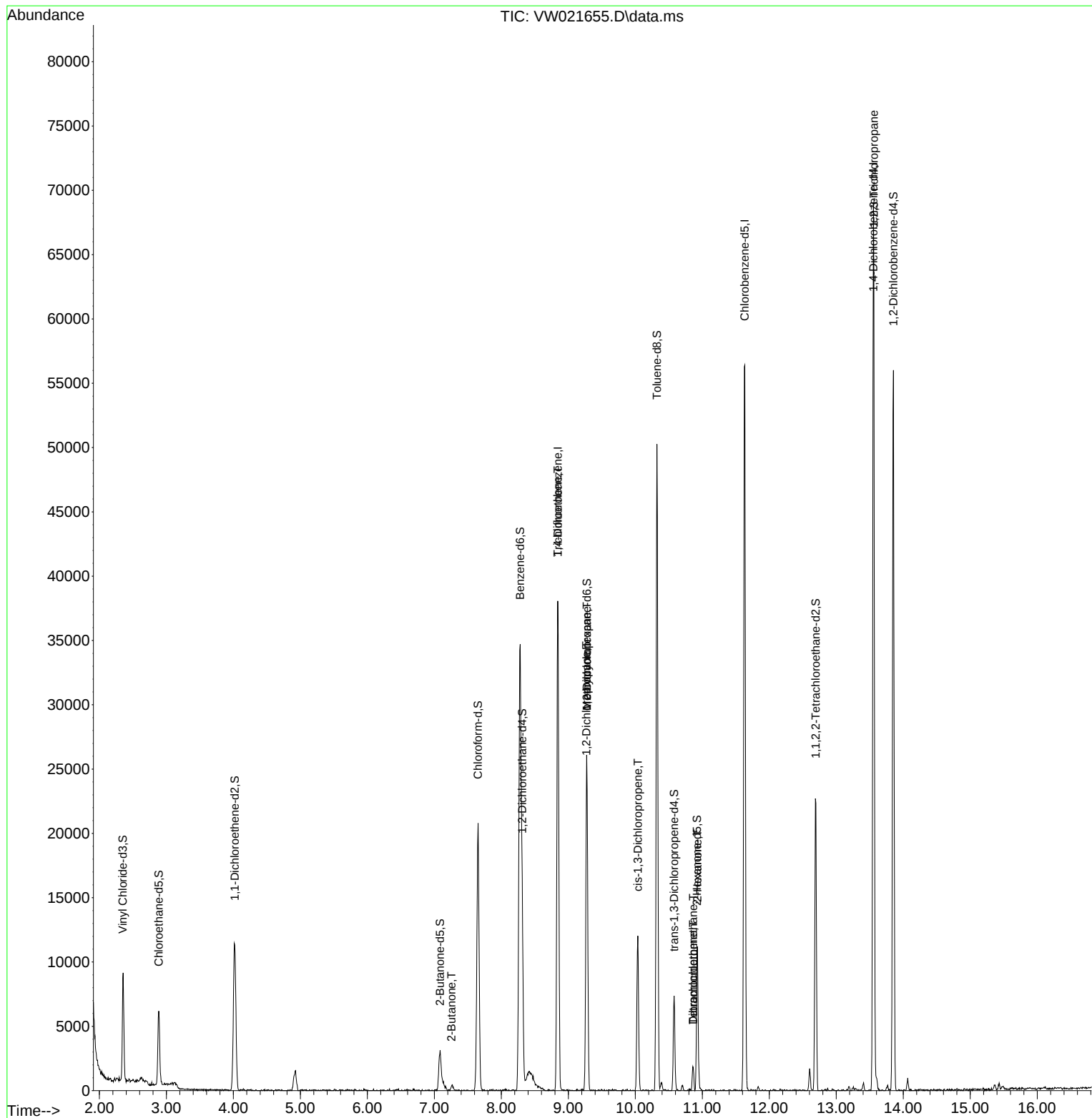
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	33026	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	33035	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	18589	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	7811	12.986	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.960%
7) Chloroethane-d5	2.885	69	6385	16.058	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.240%
11) 1,1-Dichloroethene-d2	4.019	63	10764	13.423	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.680%
21) 2-Butanone-d5	7.086	46	5500	64.869	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.740%
24) Chloroform-d	7.653	84	19945	21.671	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.680%
26) 1,2-Dichloroethane-d4	8.311	65	12057	24.628	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.520%
32) Benzene-d6	8.281	84	35462	19.584	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.320%
36) 1,2-Dichloropropane-d6	9.274	67	10654	21.939	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.760%
41) Toluene-d8	10.323	98	33059	17.868	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.480%
43) trans-1,3-Dichloroprop...	10.579	79	4058	18.148	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.600%
47) 2-Hexanone-d5	10.921	63	4026	56.064	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.120%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	10814	25.904	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	15302	21.240	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.960%
Target Compounds						Qvalue
22) 2-Butanone	7.257	43	809	8.150	ug/L #	52
34) Trichloroethene	8.842	95	1018	2.015	ug/L #	5
35) Methylcyclohexane	9.274	83	2927	3.512	ug/L #	14
37) 1,2-Dichloropropane	9.268	63	1467	3.655	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	364	0.575	ug/L #	62
46) Tetrachloroethene	10.866	164	495	1.031	ug/L	98
48) 2-Hexanone	10.927	43	552	3.480	ug/L #	44
49) Dibromochloromethane	10.866	129	429	1.059	ug/L #	10
61) 1,2,3-Trichloropropane	13.560	75	2129	7.869	ug/L #	65

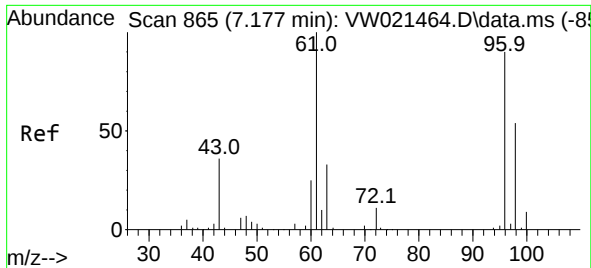
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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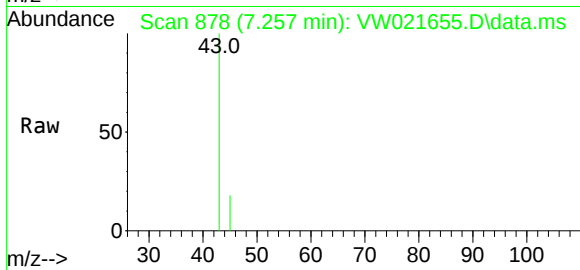
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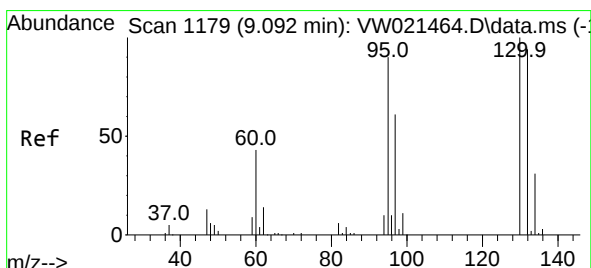
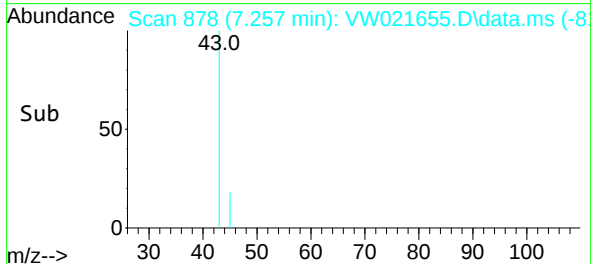
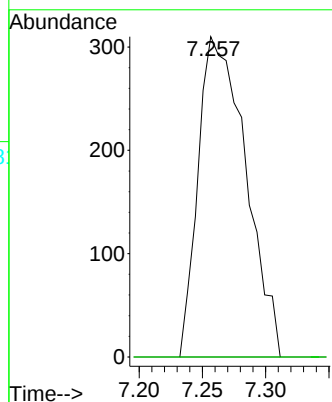


#22
2-Butanone
Concen: 8.150 ug/L
RT: 7.257 min Scan# 81
Delta R.T. 0.067 min
Lab File: VW021655.D
Acq: 25 Dec 2021 18:57

Instrument :
MSVOA_W
ClientSampleId :

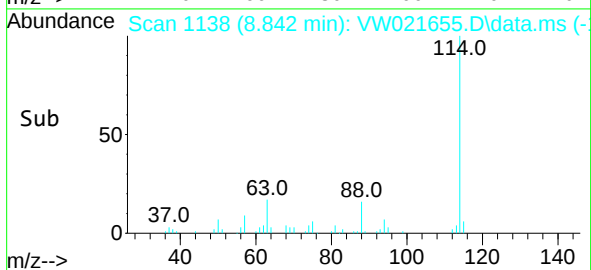
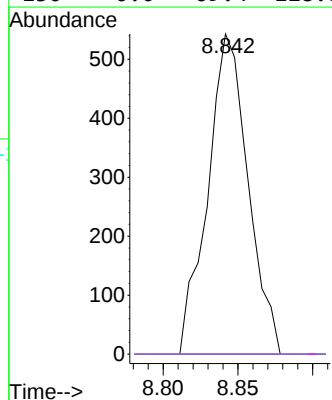
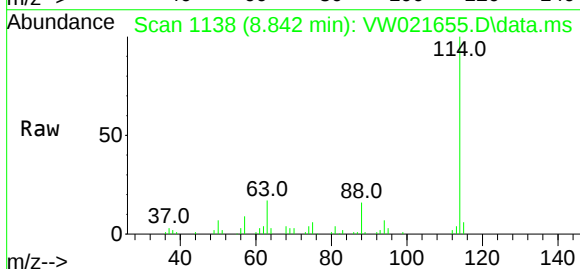


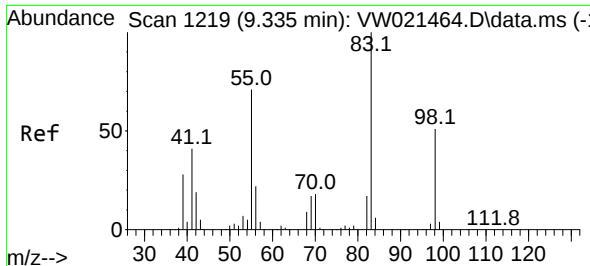
Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#34
Trichloroethene
Concen: 2.015 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021655.D
Acq: 25 Dec 2021 18:57

Tgt Ion: 95 Resp: 1018
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.512 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021655.D

Acq: 25 Dec 2021 18:57

Instrument :

MSVOA_W

ClientSampleId :

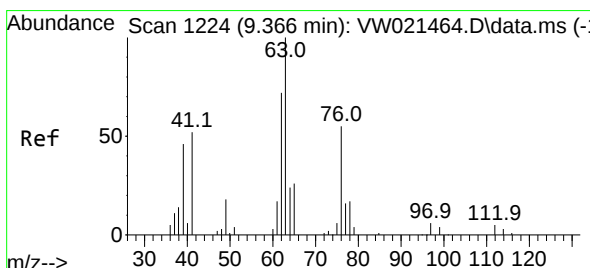
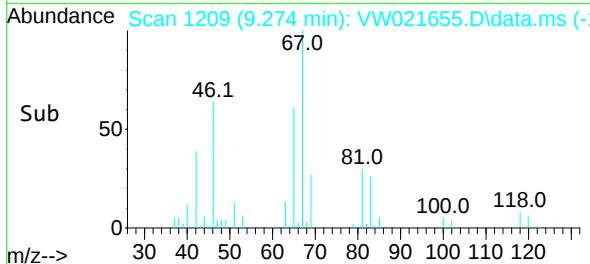
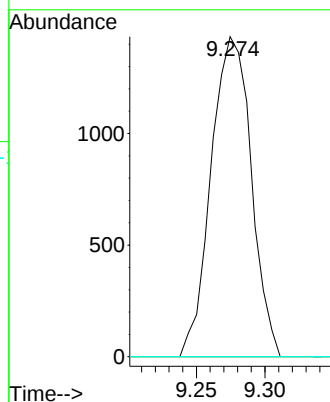
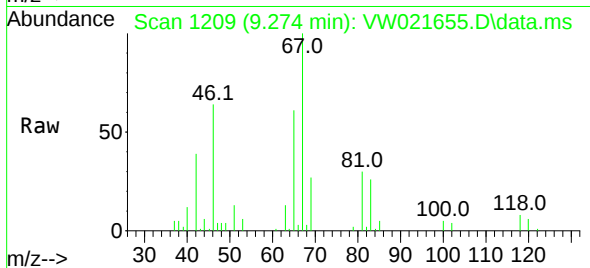
Tgt Ion: 83 Resp: 2927

Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 0.0 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.655 ug/L

RT: 9.268 min Scan# 1208

Delta R.T. -0.104 min

Lab File: VW021655.D

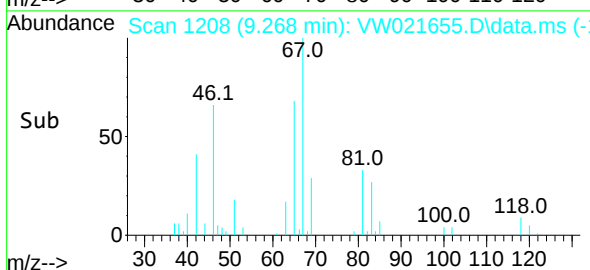
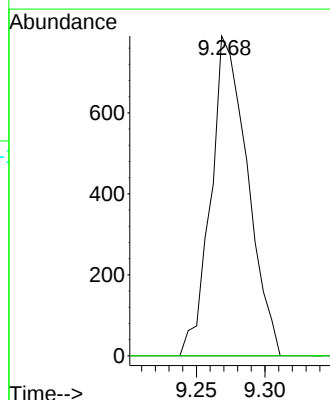
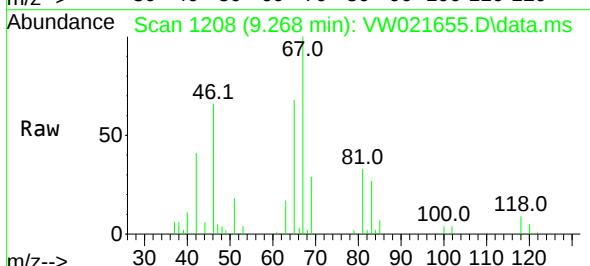
Acq: 25 Dec 2021 18:57

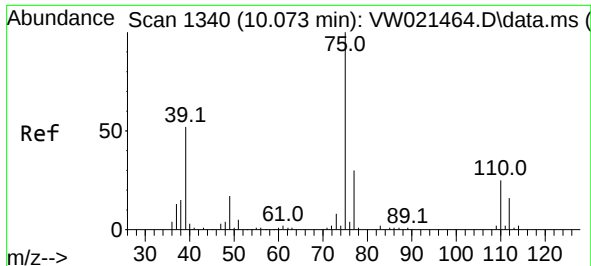
Tgt Ion: 63 Resp: 1467

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.575 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021655.D

Acq: 25 Dec 2021 18:57

Instrument :

MSVOA_W

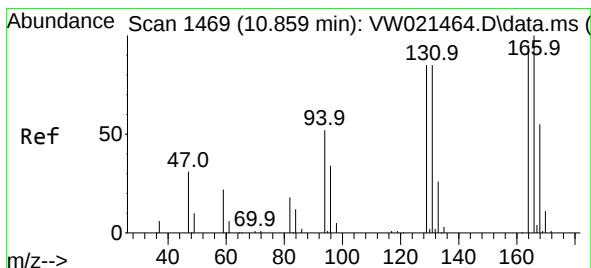
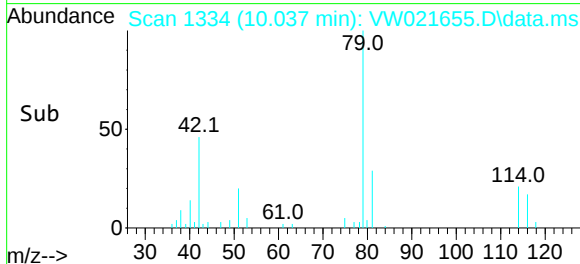
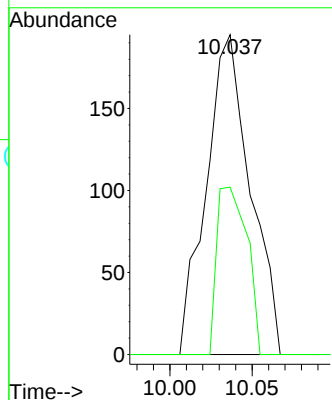
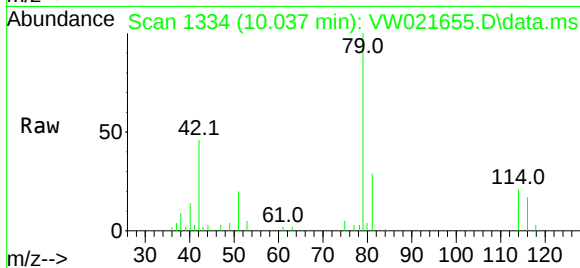
ClientSampleId :

Tgt Ion: 75 Resp: 364

Ion Ratio Lower Upper

75 100

77 52.3 21.8 40.6#



#46

Tetrachloroethene

Concen: 1.031 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021655.D

Acq: 25 Dec 2021 18:57

Tgt Ion: 164 Resp: 495

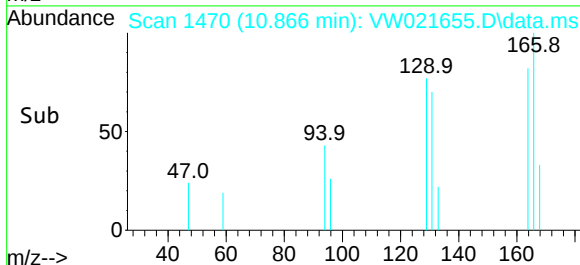
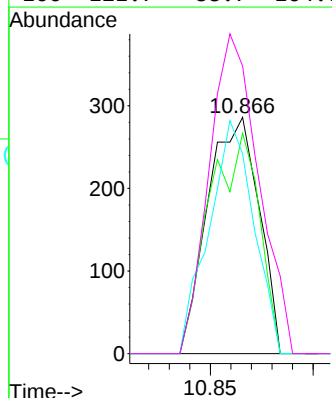
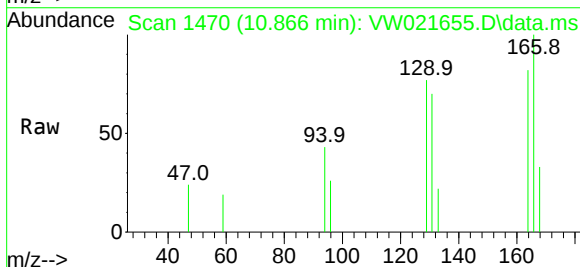
Ion Ratio Lower Upper

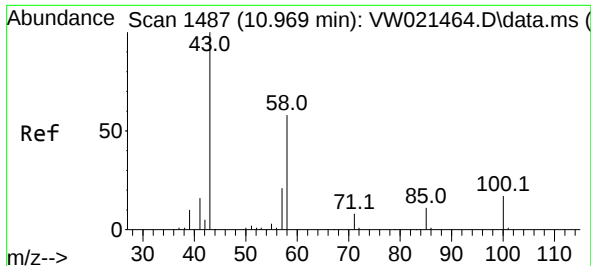
164 100

129 93.4 65.5 121.7

131 84.6 59.7 110.9

166 121.7 88.7 164.7





#48

2-Hexanone

Concen: 3.480 ug/L

RT: 10.927 min Scan# 14

Delta R.T. -0.043 min

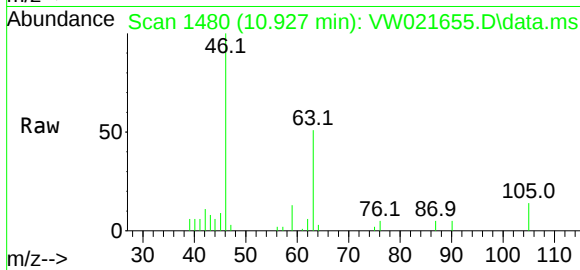
Lab File: VW021655.D

Acq: 25 Dec 2021 18:57

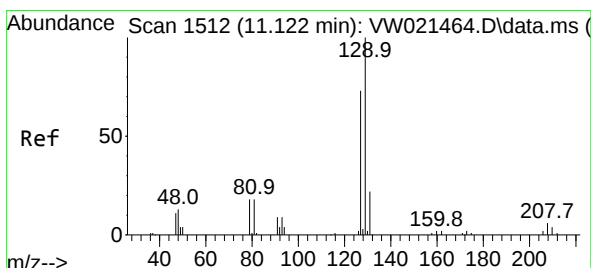
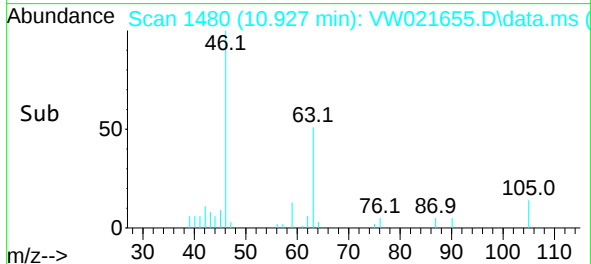
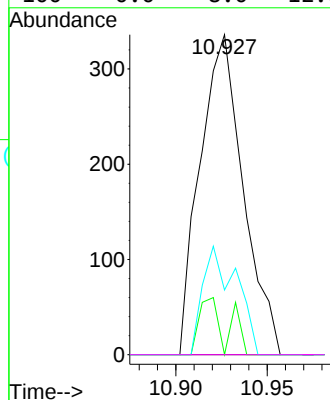
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43	Resp: 552
Ion Ratio	Lower Upper
43 100	
58 3.6	40.2 60.2#
57 0.0	14.3 21.5#
100 0.0	8.0 12.0#



#49

Dibromochloromethane

Concen: 1.059 ug/L

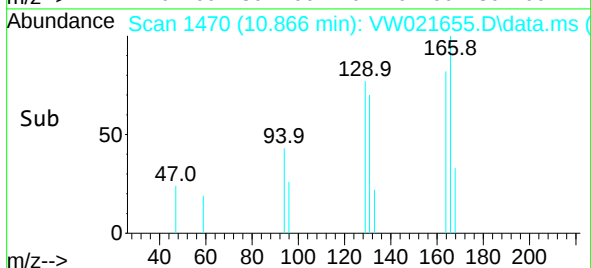
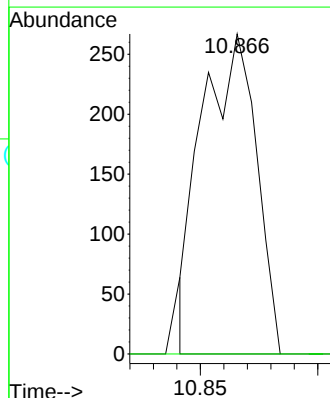
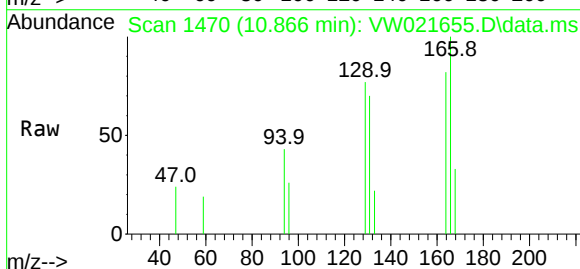
RT: 10.866 min Scan# 1470

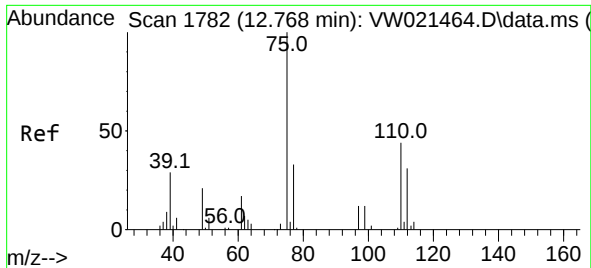
Delta R.T. -0.262 min

Lab File: VW021655.D

Acq: 25 Dec 2021 18:57

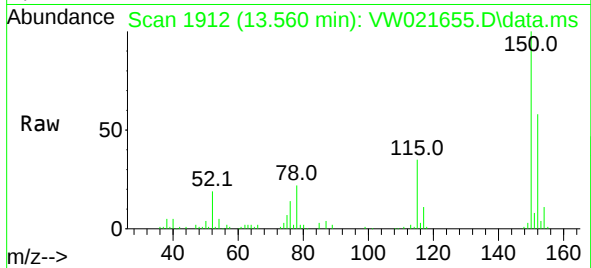
Tgt Ion:129	Resp:	429	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61
 1,2,3-Trichloropropane
 Concen: 7.869 ug/L
 RT: 13.560 min Scan# 1912
 Delta R.T. 0.793 min
 Lab File: VW021655.D
 Acq: 25 Dec 2021 18:57

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75	Resp:	2129
Ion Ratio	Lower	Upper
75	100	
77	35.7	25.8 38.8
110	0.0	29.0 43.4#

