

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021492.D
 Acq On : 20 Dec 2021 12:49
 Operator : SY/VA
 Sample : M5171-12
 Misc : 6.51g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 16:36:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

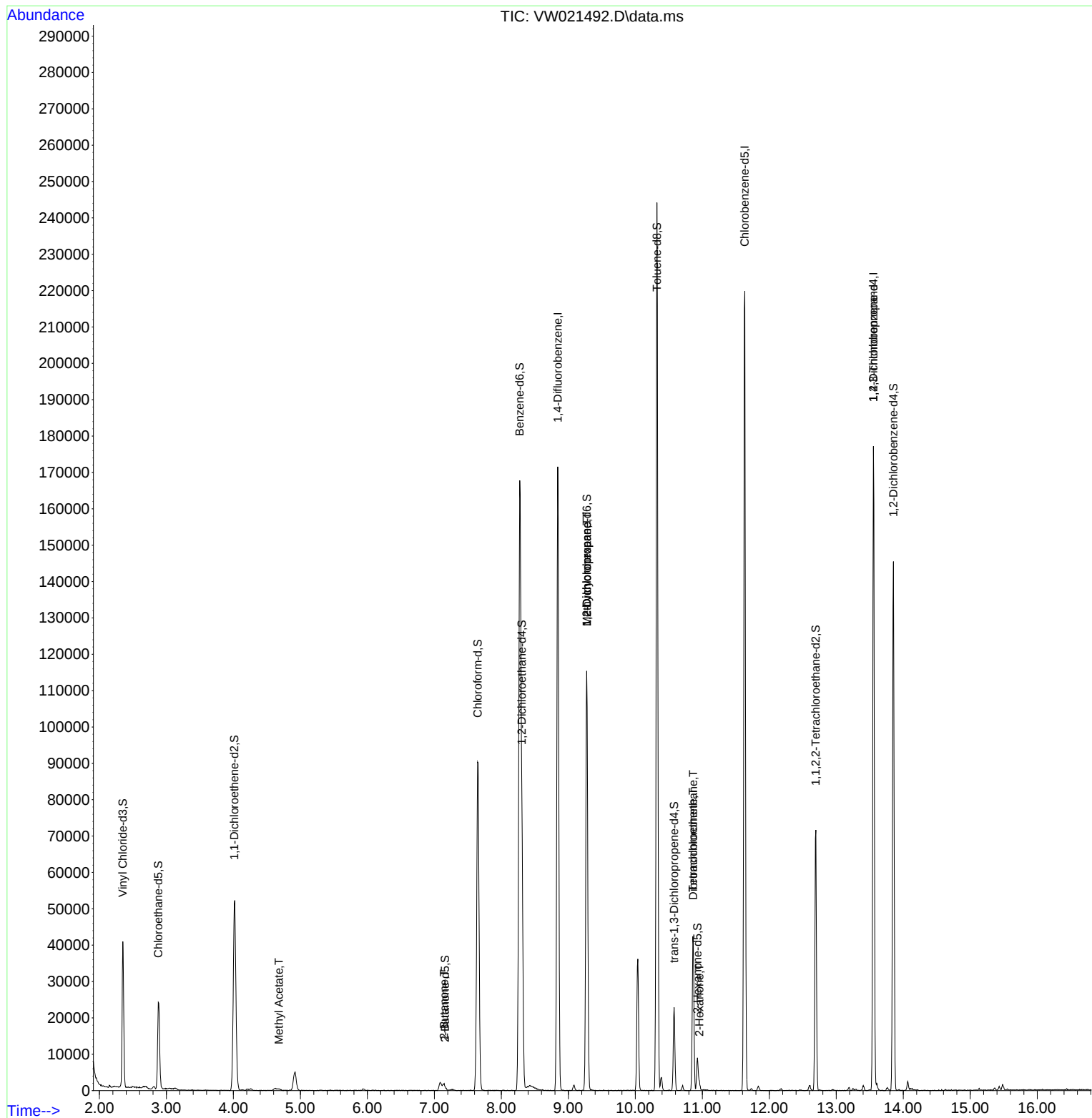
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	143898	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	123573	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	47386	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	38054	14.520	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.080%
7) Chloroethane-d5	2.879	69	27647	15.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.840%
11) 1,1-Dichloroethene-d2	4.013	63	49097	14.052	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.200%
21) 2-Butanone-d5	7.159	46	182	0.493	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.980%#
24) Chloroform-d	7.647	84	91184	22.738	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.960%
26) 1,2-Dichloroethane-d4	8.305	65	52449	24.588	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.360%
32) Benzene-d6	8.275	84	171598	25.334	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.320%
36) 1,2-Dichloropropane-d6	9.274	67	49798	27.413	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.640%
41) Toluene-d8	10.323	98	156897	22.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.680%
43) trans-1,3-Dichloroprop...	10.579	79	12238	14.631	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.520%
47) 2-Hexanone-d5	10.927	63	2976	11.079	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	22.160%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	32779	20.991	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	39135	21.310	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.240%
Target Compounds						
					Qvalue	
15) Methyl Acetate	4.678	43	971	1.699	ug/L	# 73
22) 2-Butanone	7.147	43	1033	2.388	ug/L	# 52
35) Methylcyclohexane	9.274	83	13263	4.255	ug/L	# 15
37) 1,2-Dichloropropane	9.274	63	6316	4.206	ug/L	# 88
46) Tetrachloroethene	10.860	164	10084	5.617	ug/L	# 96
48) 2-Hexanone	10.957	43	1286	2.167	ug/L	# 48
49) Dibromochloromethane	10.866	129	8571	5.657	ug/L	# 10
61) 1,2,3-Trichloropropane	13.554	75	5181	7.513	ug/L	# 68

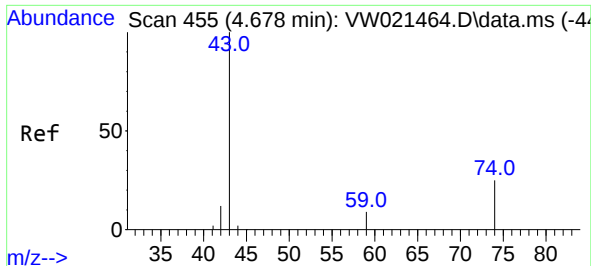
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
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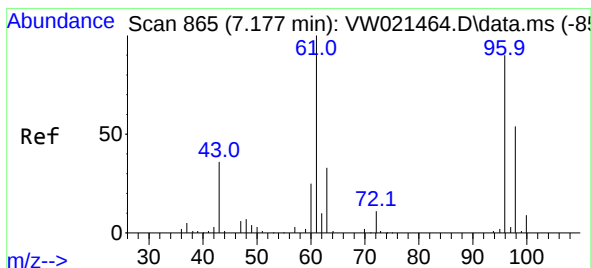
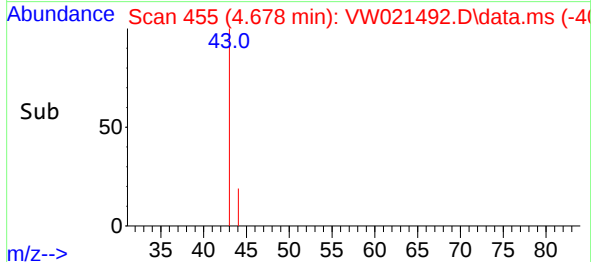
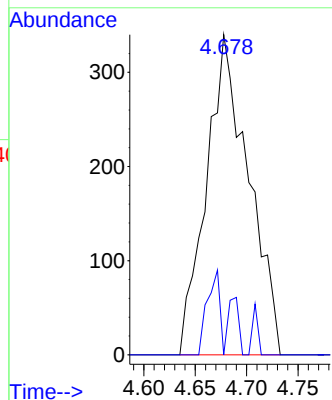
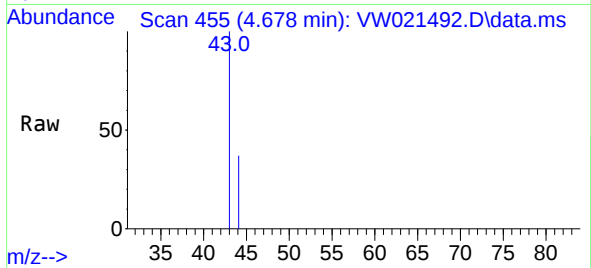




#15
Methyl Acetate
Concen: 1.699 ug/L
RT: 4.678 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW021492.D
Acq: 20 Dec 2021 12:49

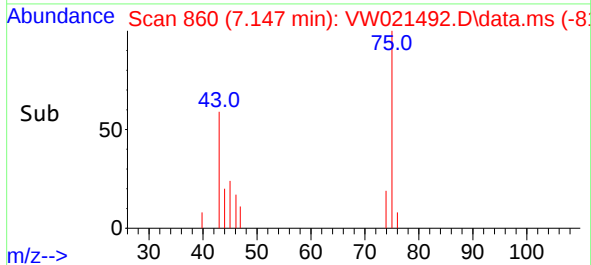
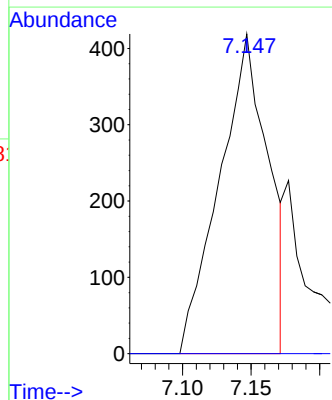
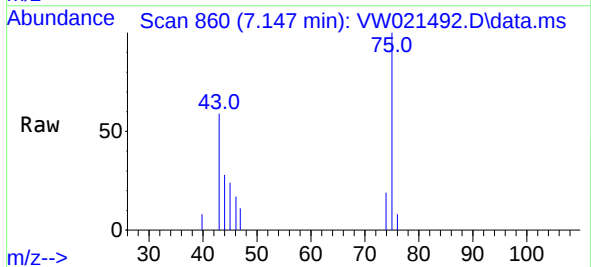
Instrument :
MSVOA_W
ClientSampleId :

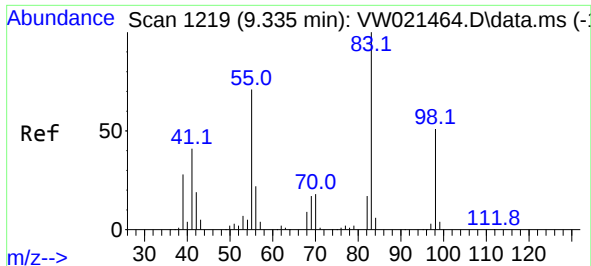
Tgt Ion: 43 Resp: 971
Ion Ratio Lower Upper
43 100
74 7.8 16.4 24.6#



#22
2-Butanone
Concen: 2.388 ug/L
RT: 7.147 min Scan# 860
Delta R.T. -0.018 min
Lab File: VW021492.D
Acq: 20 Dec 2021 12:49

Tgt Ion: 43 Resp: 1033
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#





#35

Methylcyclohexane

Concen: 4.255 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021492.D

Acq: 20 Dec 2021 12:49

Instrument :

MSVOA_W

ClientSampleId :

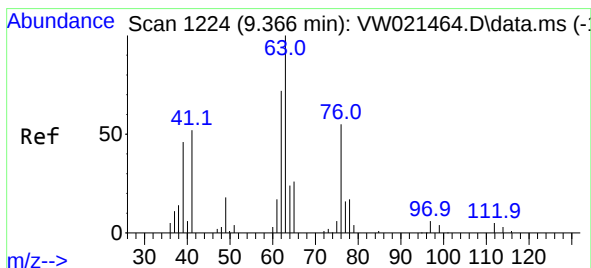
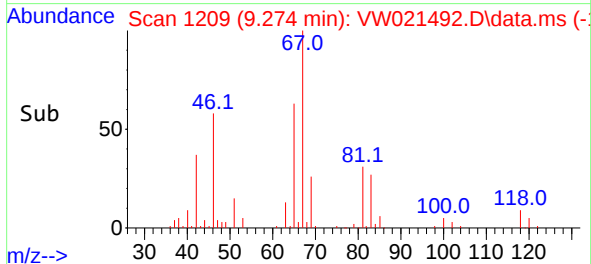
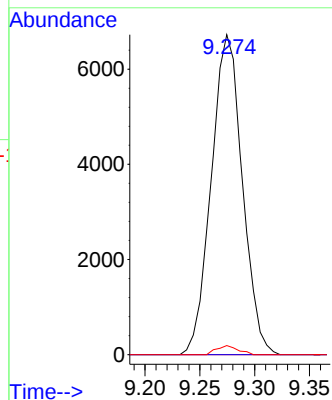
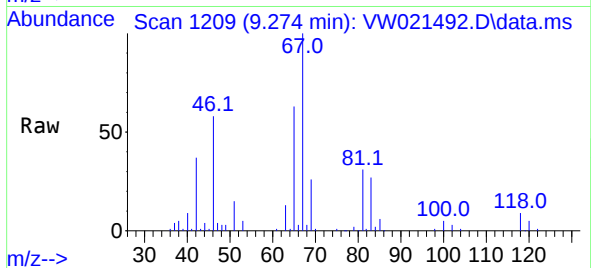
Tgt Ion: 83 Resp: 13263

Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 2.0 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 4.206 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW021492.D

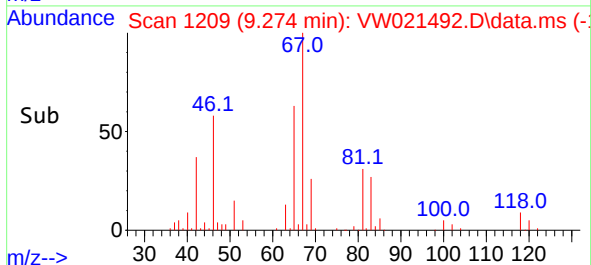
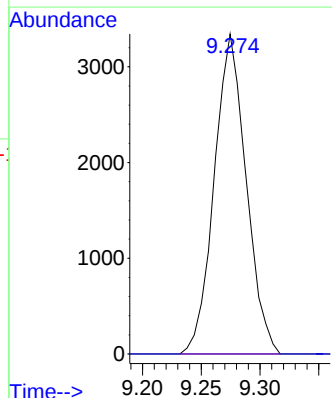
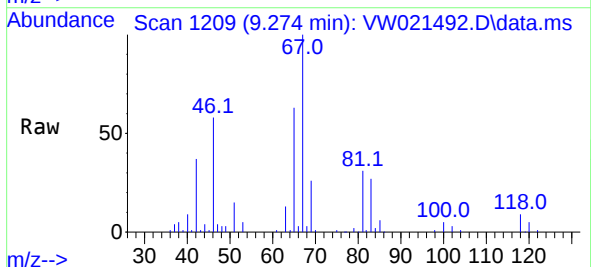
Acq: 20 Dec 2021 12:49

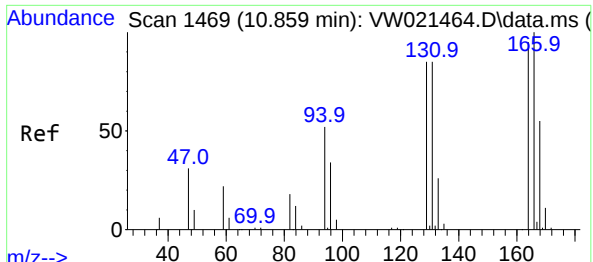
Tgt Ion: 63 Resp: 6316

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#46

Tetrachloroethene

Concen: 5.617 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021492.D

Acq: 20 Dec 2021 12:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:164 Resp: 10084

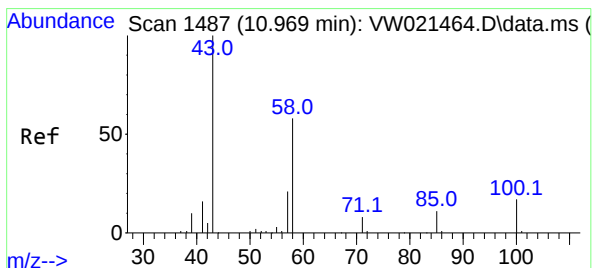
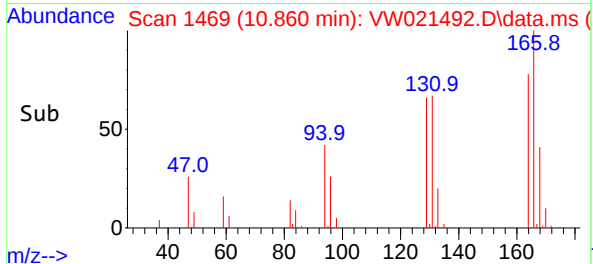
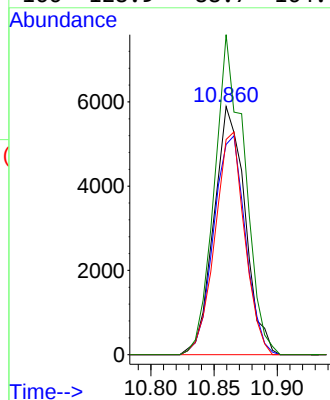
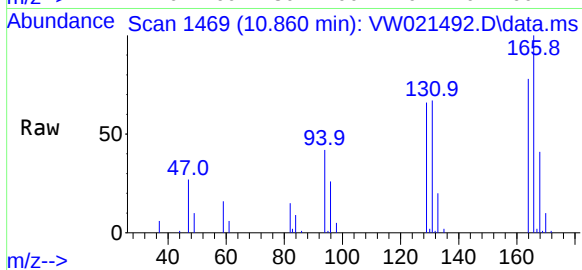
Ion Ratio Lower Upper

164 100

129 84.7 65.5 121.7

131 86.7 59.7 110.9

166 128.9 88.7 164.7



#48

2-Hexanone

Concen: 2.167 ug/L

RT: 10.957 min Scan# 1485

Delta R.T. -0.012 min

Lab File: VW021492.D

Acq: 20 Dec 2021 12:49

Tgt Ion: 43 Resp: 1286

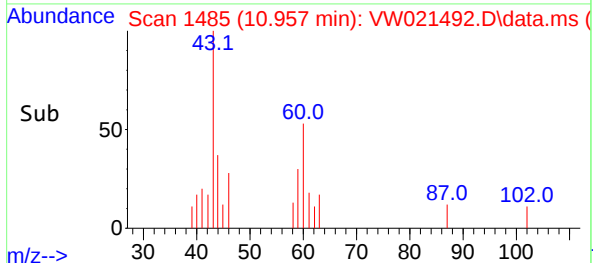
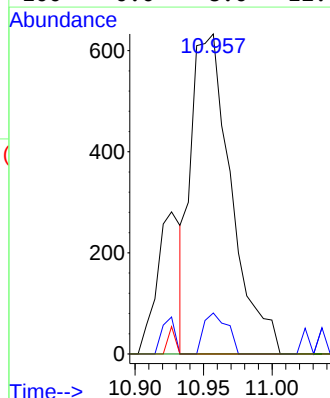
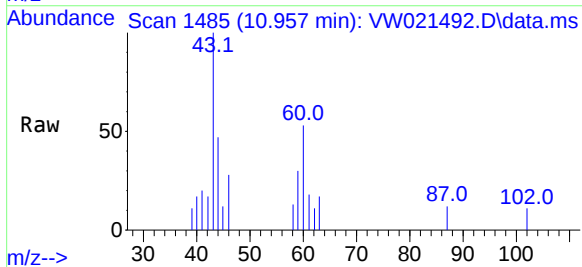
Ion Ratio Lower Upper

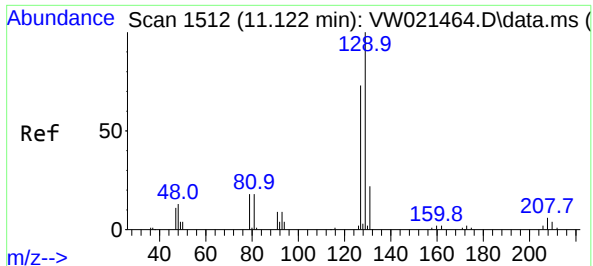
43 100

58 7.5 40.2 60.2#

57 0.0 14.3 21.5#

100 0.0 8.0 12.0#





#49

Dibromochloromethane

Concen: 5.657 ug/L

RT: 10.866 min Scan# 14

Delta R.T. -0.262 min

Lab File: VW021492.D

Acq: 20 Dec 2021 12:49

Instrument :

MSVOA_W

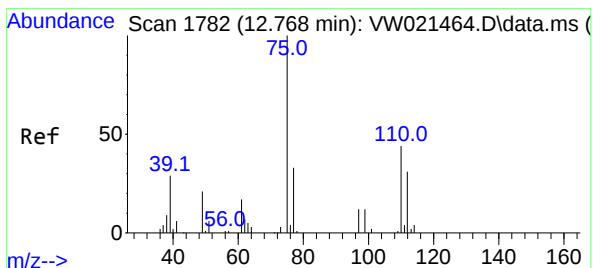
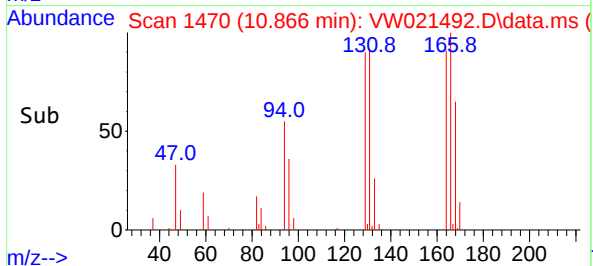
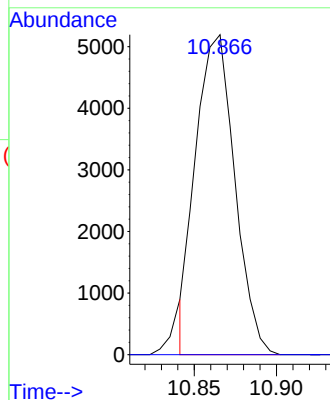
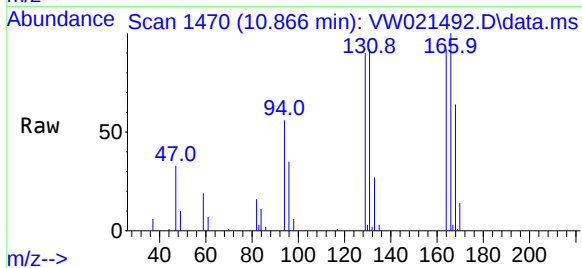
ClientSampleId :

Tgt Ion:129 Resp: 8571

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.513 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021492.D

Acq: 20 Dec 2021 12:49

Tgt Ion: 75 Resp: 5181

Ion Ratio Lower Upper

75 100

77 35.9 25.8 38.8

110 3.4 29.0 43.4#

