

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021510.D
 Acq On : 20 Dec 2021 20:04
 Operator : SY/VA
 Sample : M5125-05
 Misc : 11.73g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 21:33:01 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)

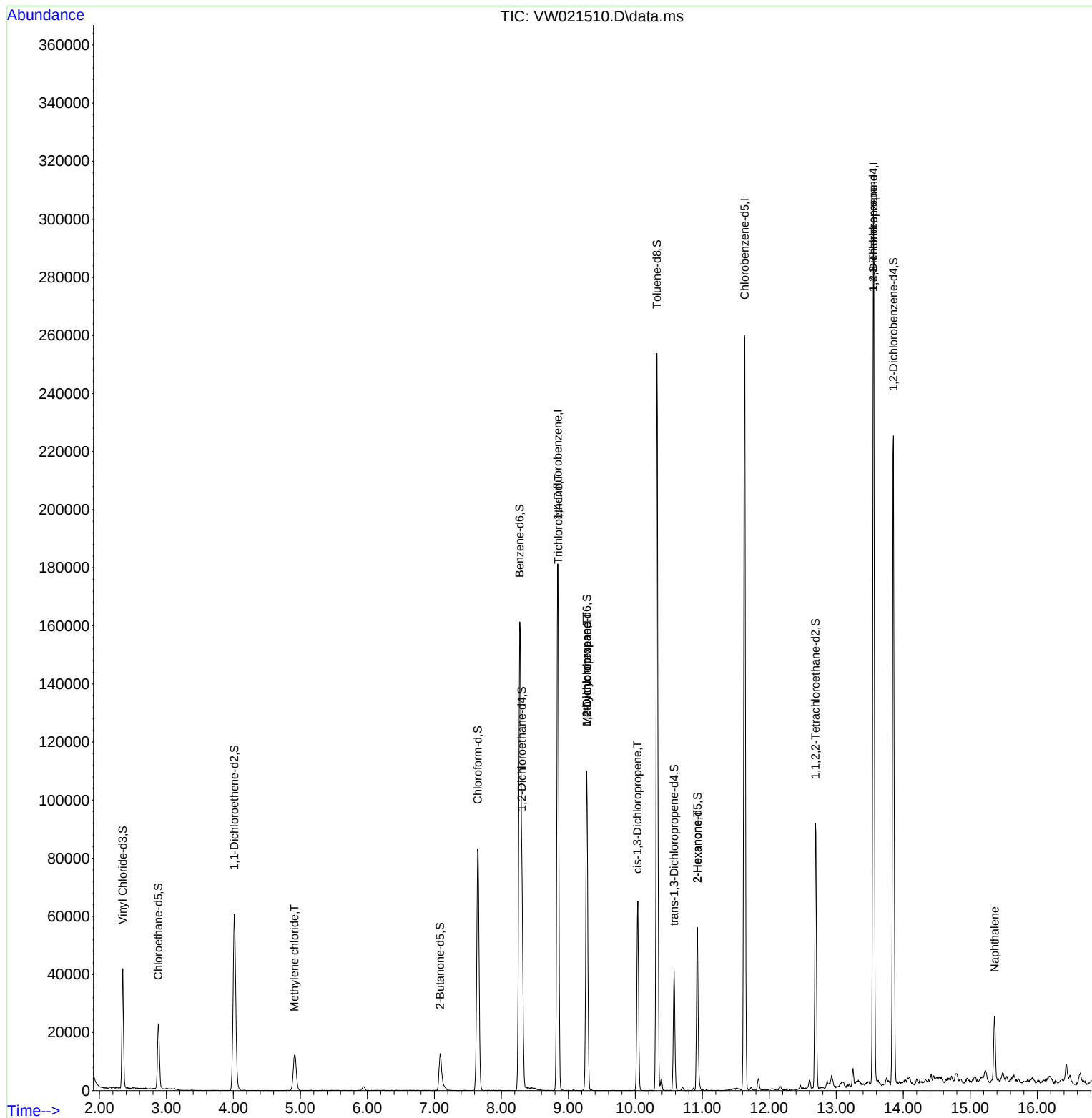
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	161182	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	155540	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	81688	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39173	13.344	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.360%		
7) Chloroethane-d5	2.879	69	25494	13.137	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	52.560%		
11) 1,1-Dichloroethene-d2	4.013	63	57950	14.807	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.240%		
21) 2-Butanone-d5	7.086	46	22287	53.860	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.720%		
24) Chloroform-d	7.647	84	84508	18.814	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	75.240%		
26) 1,2-Dichloroethane-d4	8.305	65	51199	21.428	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.720%		
32) Benzene-d6	8.275	84	170524	20.001	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	80.000%		
36) 1,2-Dichloropropane-d6	9.274	67	48329	21.137	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.560%		
41) Toluene-d8	10.323	98	169341	19.440	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	77.760%		
43) trans-1,3-Dichloroprop...	10.579	79	22071	20.964	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	83.840%		
47) 2-Hexanone-d5	10.927	63	19212	56.822	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.640%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42594	21.670	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	86.680%		
66) 1,2-Dichlorobenzene-d4	13.853	152	59123	18.675	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	74.720%#		
Target Compounds						Qvalue
16) Methylene chloride	4.909	84	10319	3.875	ug/L	80
34) Trichloroethene	8.848	95	4617	1.941	ug/L #	5
35) Methylcyclohexane	9.274	83	12936	3.297	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	6096	3.225	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	1729	0.580	ug/L #	73
48) 2-Hexanone	10.927	43	2891	3.871	ug/L #	66
61) 1,2,3-Trichloropropane	13.554	75	8744	7.355	ug/L #	67
71) Naphthalene	15.365	128	20096	3.930	ug/L	99

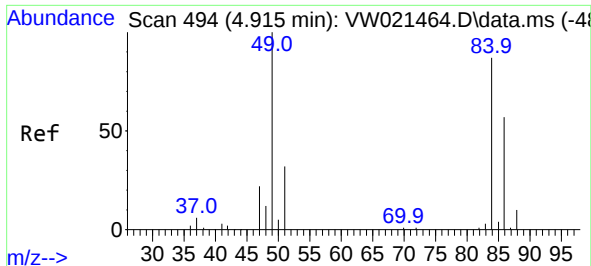
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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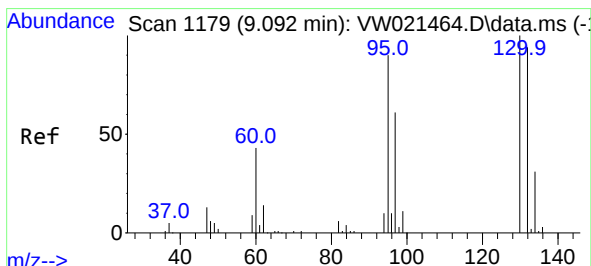
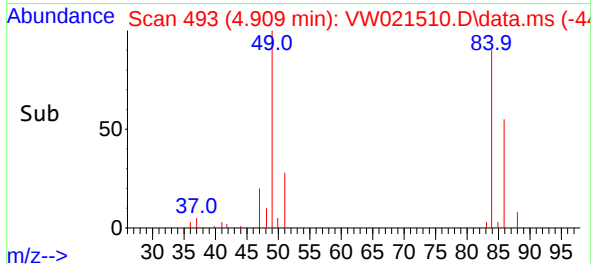
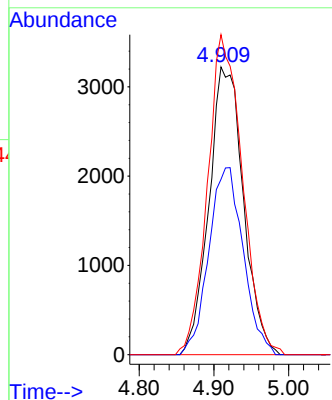
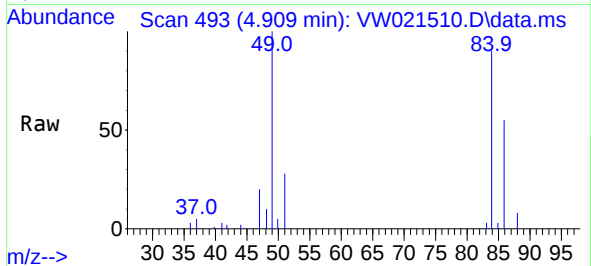




#16
Methylene chloride
Concen: 3.875 ug/L
RT: 4.909 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW021510.D
Acq: 20 Dec 2021 20:04

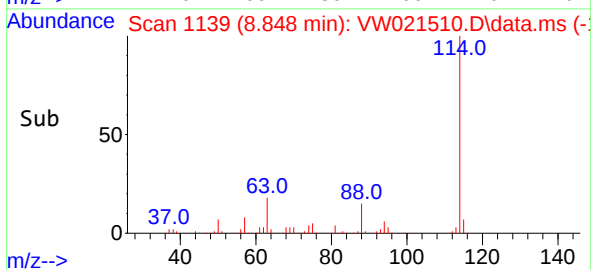
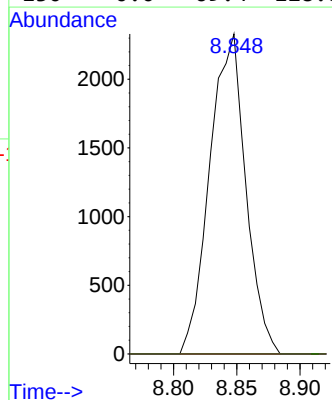
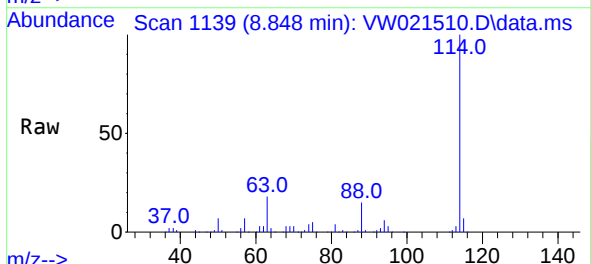
Instrument :
MSVOA_W
ClientSampleId :

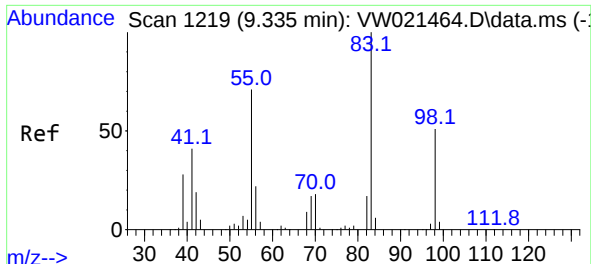
Tgt Ion: 84 Resp: 10319
Ion Ratio Lower Upper
84 100
86 60.9 45.5 84.5
49 111.2 100.5 186.7



#34
Trichloroethene
Concen: 1.941 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW021510.D
Acq: 20 Dec 2021 20:04

Tgt Ion: 95 Resp: 4617
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: 3.297 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021510.D

Acq: 20 Dec 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

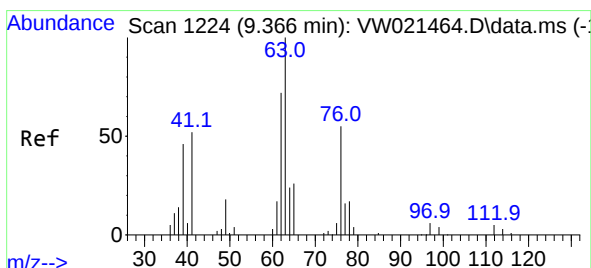
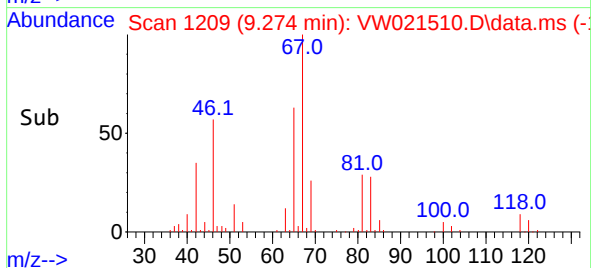
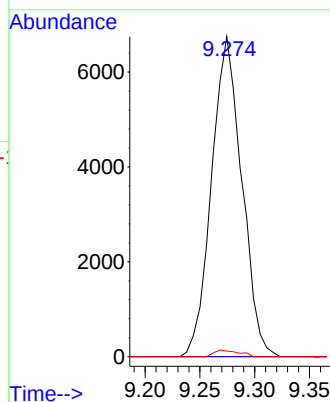
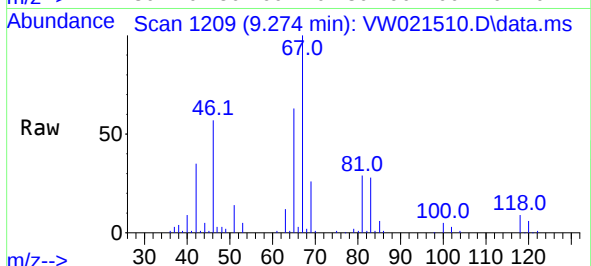
Tgt Ion: 83 Resp: 12936

Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.7 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.225 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW021510.D

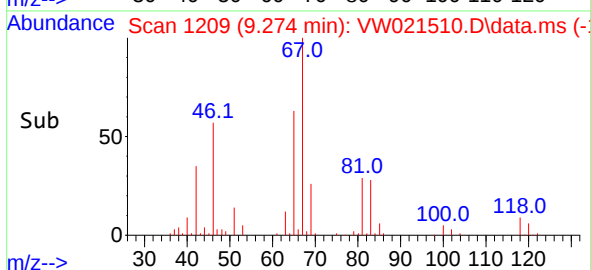
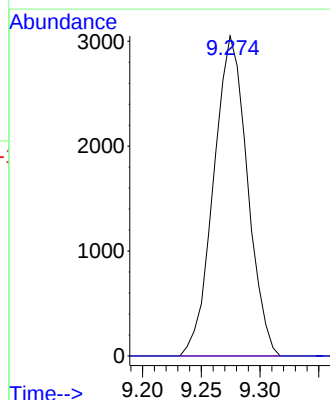
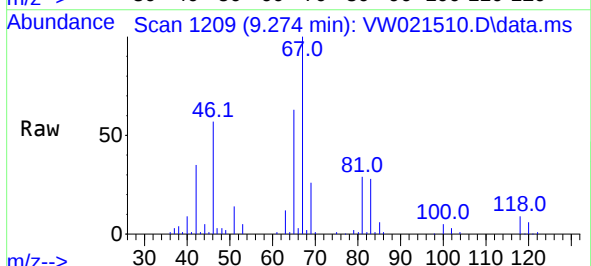
Acq: 20 Dec 2021 20:04

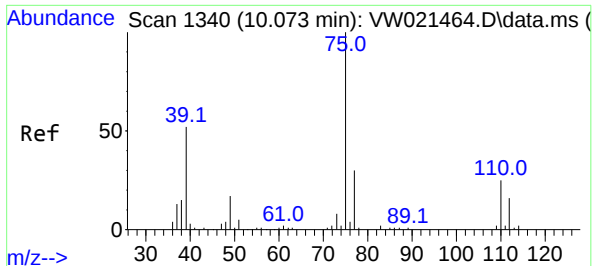
Tgt Ion: 63 Resp: 6096

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.580 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021510.D

Acq: 20 Dec 2021 20:04

Instrument :

MSVOA_W

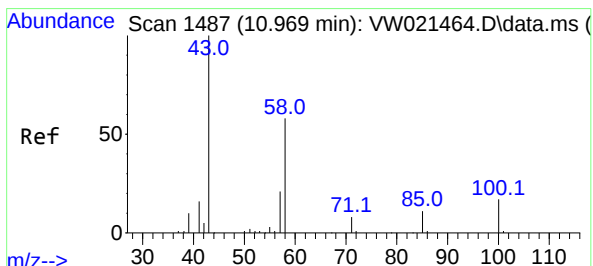
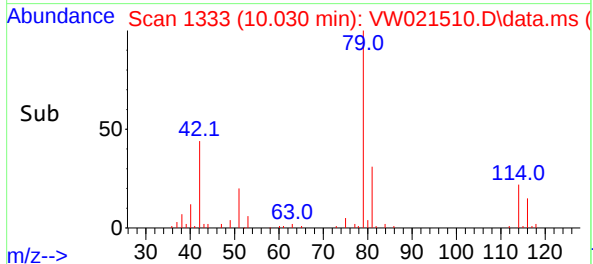
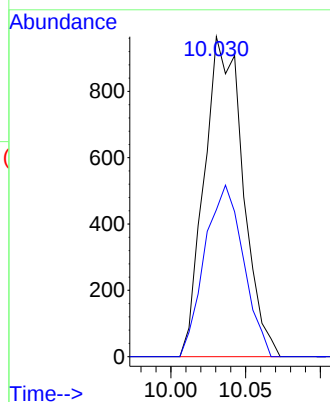
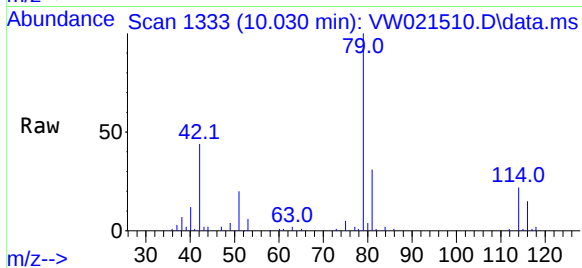
ClientSampleId :

Tgt Ion: 75 Resp: 1729

Ion Ratio Lower Upper

75 100

77 45.9 21.8 40.6#



#48

2-Hexanone

Concen: 3.871 ug/L

RT: 10.927 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021510.D

Acq: 20 Dec 2021 20:04

Tgt Ion: 43 Resp: 2891

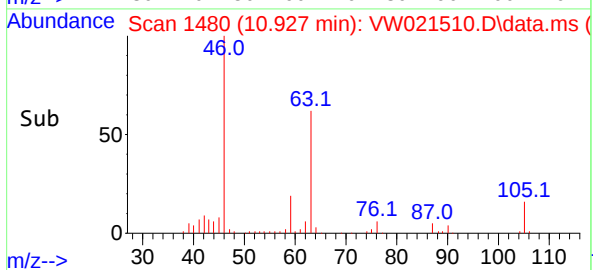
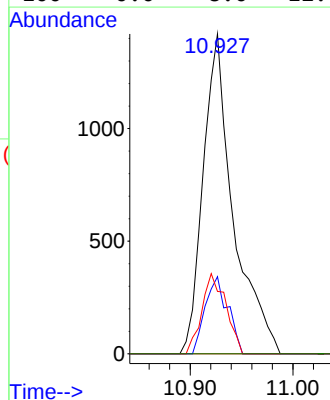
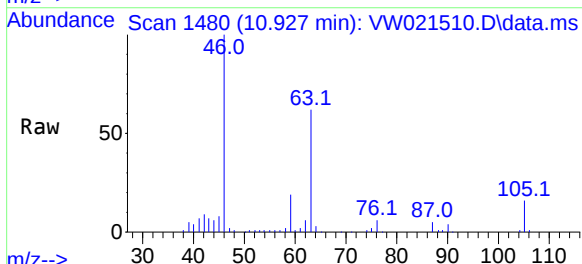
Ion Ratio Lower Upper

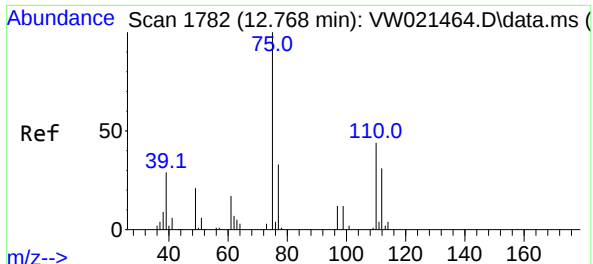
43 100

58 18.2 40.2 60.2#

57 20.0 14.3 21.5

100 0.0 8.0 12.0#





#61

1,2,3-Trichloropropane

Concen: 7.355 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021510.D

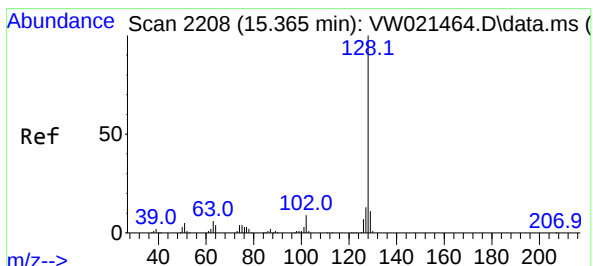
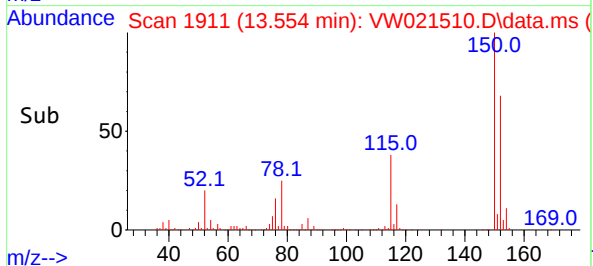
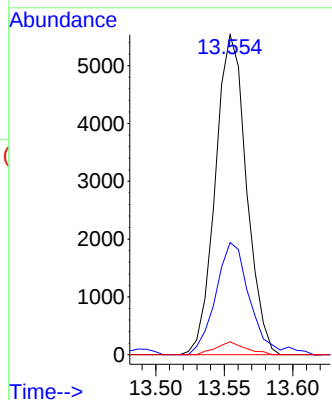
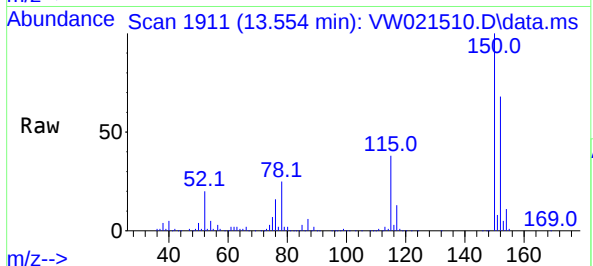
Acq: 20 Dec 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp:	8744
Ion Ratio	Lower	Upper
75	100	
77	37.6	25.8 38.8
110	3.8	29.0 43.4#



#71

Naphthalene

Concen: 3.930 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VW021510.D

Acq: 20 Dec 2021 20:04

Tgt Ion: 128	Resp:	20096
Ion Ratio	Lower	Upper
128	100	
127	13.7	10.7 16.1
129	11.4	8.6 12.8

