

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121321\
 Data File : VW021363.D
 Acq On : 13 Dec 2021 15:05
 Operator : SY/VA
 Sample : M5062-08RE
 Misc : 4.68g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:36:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 14 00:34:04 2021
 Response via : Initial Calibration

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

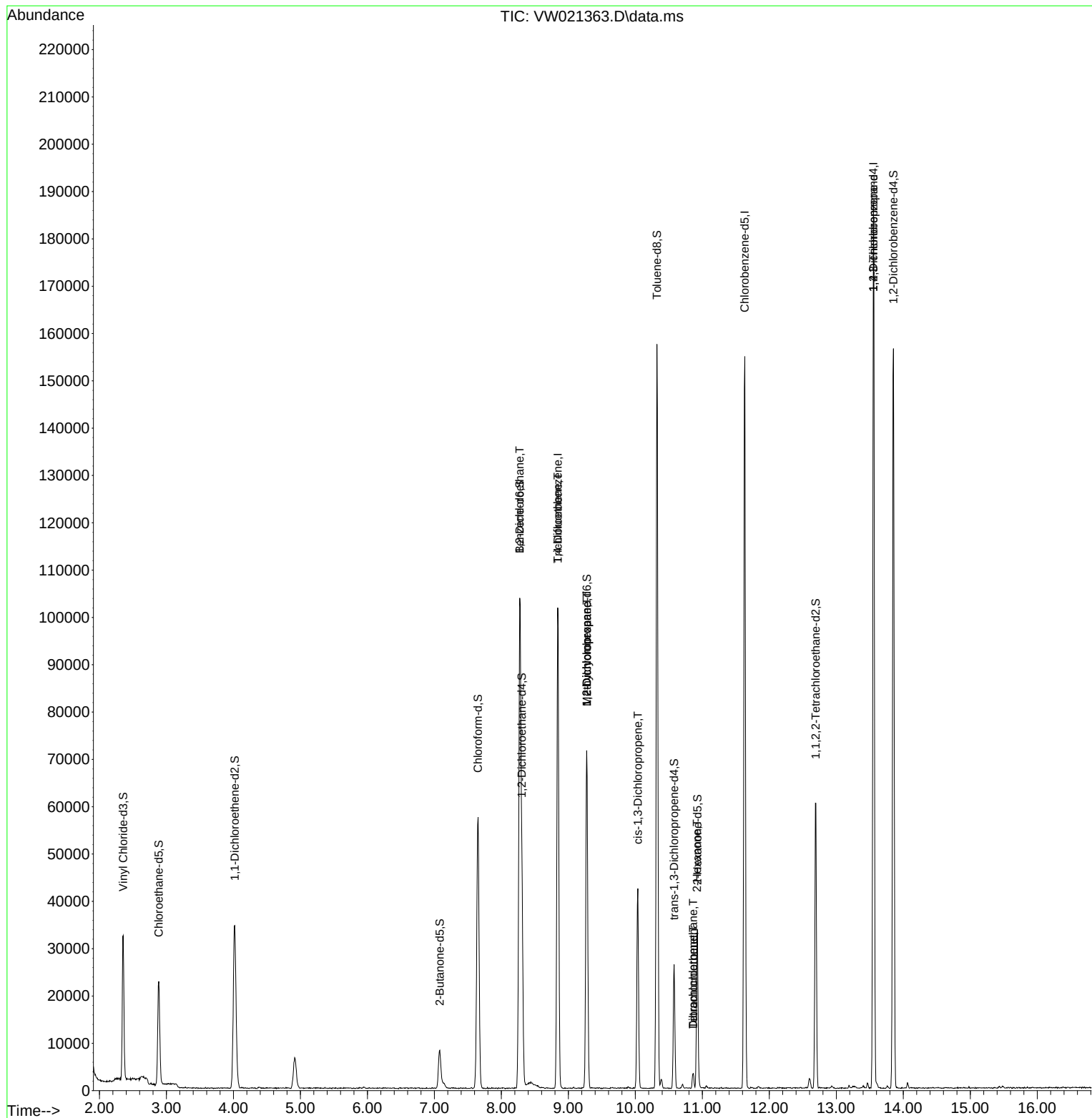
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	85884	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.633	117	87792	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	50210	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	30263	19.348	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.400%		
7) Chloroethane-d5	2.885	69	25792	24.943	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	99.760%		
11) 1,1-Dichloroethene-d2	4.019	63	32536	15.602	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.400%		
21) 2-Butanone-d5	7.079	46	13401	60.779	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	121.560%		
24) Chloroform-d	7.652	84	57234	23.913	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.640%		
26) 1,2-Dichloroethane-d4	8.305	65	30758	24.160	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.640%		
32) Benzene-d6	8.274	84	105571	21.938	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.760%		
36) 1,2-Dichloropropane-d6	9.274	67	30560	23.679	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.720%		
41) Toluene-d8	10.323	98	103694	21.090	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	84.360%		
43) trans-1,3-Dichloroprop...	10.579	79	13677	23.016	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	92.080%		
47) 2-Hexanone-d5	10.926	63	10973	57.498	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	115.000%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	28686	25.857	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.440%		
66) 1,2-Dichlorobenzene-d4	13.853	152	42186	21.679	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.720%		
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.274	62	692	0.520	ug/L #	77
34) Trichloroethene	8.841	95	2628	1.958	ug/L #	5
35) Methylcyclohexane	9.274	83	8091	3.654	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	3890	3.647	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1279	0.761	ug/L #	77
46) Tetrachloroethene	10.865	164	808	0.634	ug/L	95
48) 2-Hexanone	10.920	43	1537	3.646	ug/L #	72
49) Dibromochloromethane	10.865	129	664	0.617	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	5956	8.151	ug/L #	68

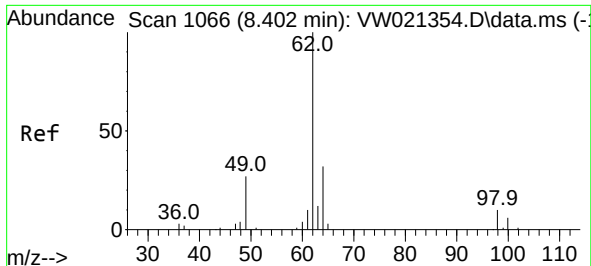
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Dec 14 00:34:04 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.520 ug/L

RT: 8.274 min Scan# 1138

Delta R.T. -0.128 min

Lab File: VW021363.D

Acq: 13 Dec 2021 15:05

Instrument :

MSVOA_W

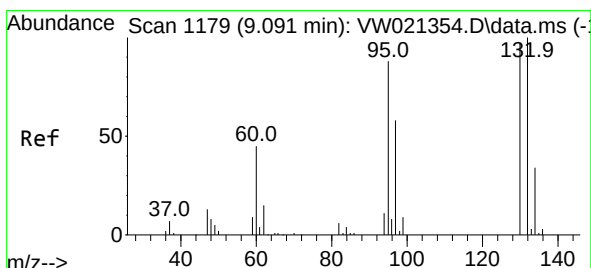
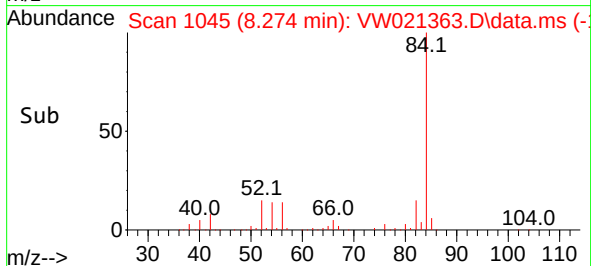
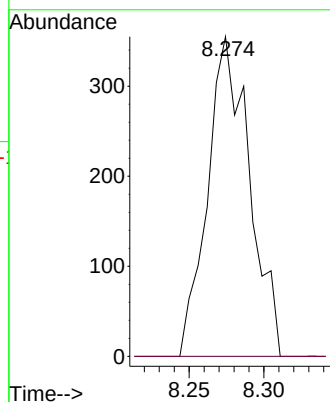
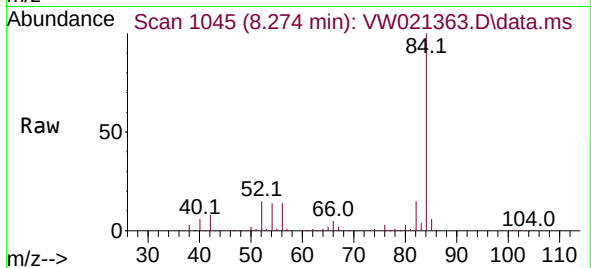
ClientSampleId :

Tgt Ion: 62 Resp: 692

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.958 ug/L

RT: 8.841 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021363.D

Acq: 13 Dec 2021 15:05

Tgt Ion: 95 Resp: 2628

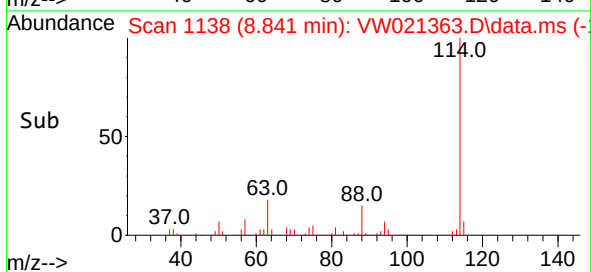
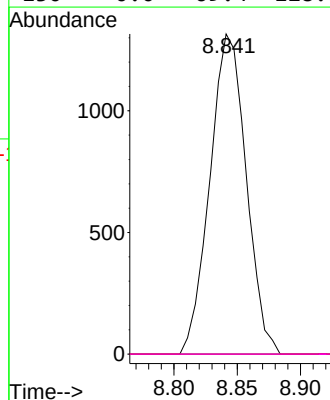
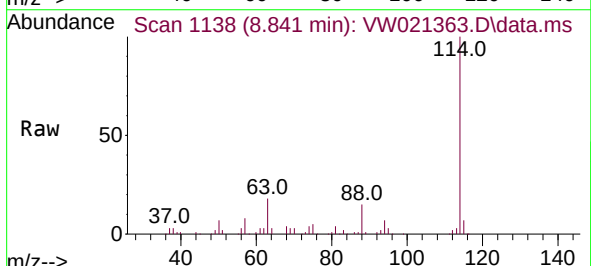
Ion Ratio Lower Upper

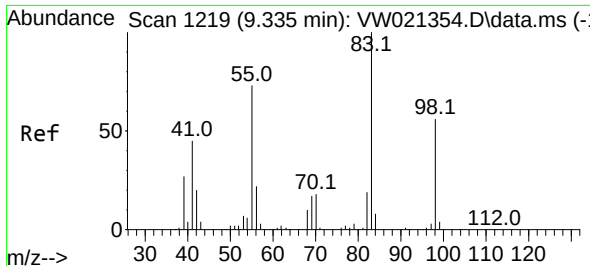
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.654 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021363.D

Acq: 13 Dec 2021 15:05

Instrument :

MSVOA_W

ClientSampleId :

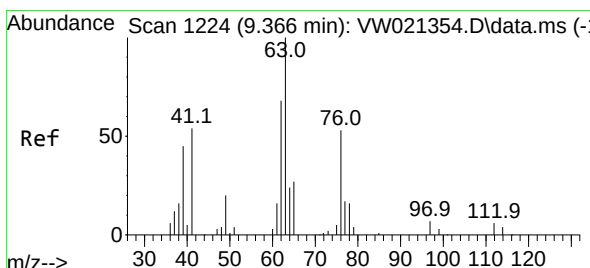
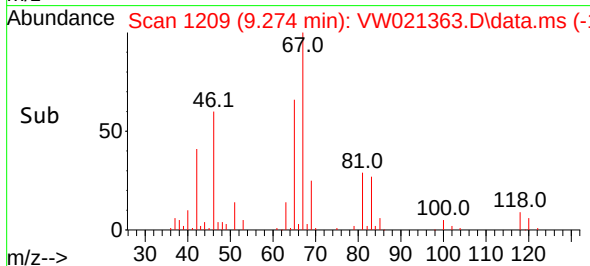
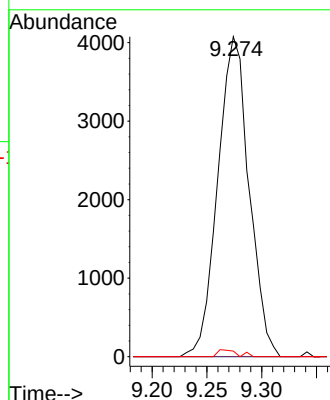
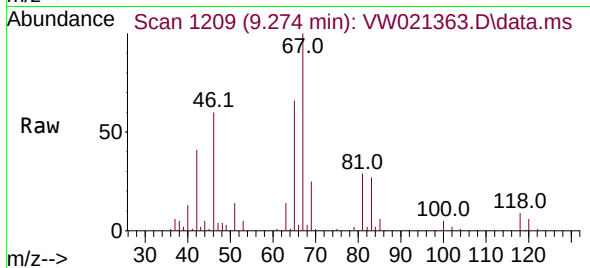
Tgt Ion: 83 Resp: 8091

Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 0.3 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.647 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW021363.D

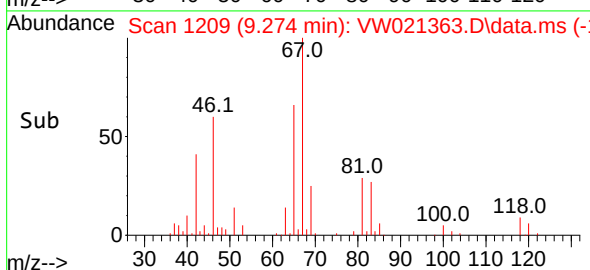
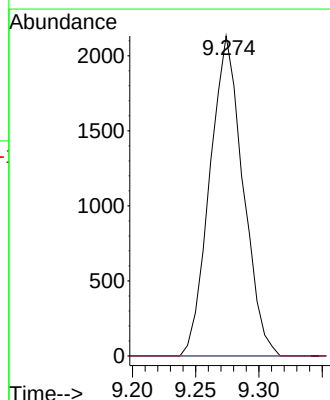
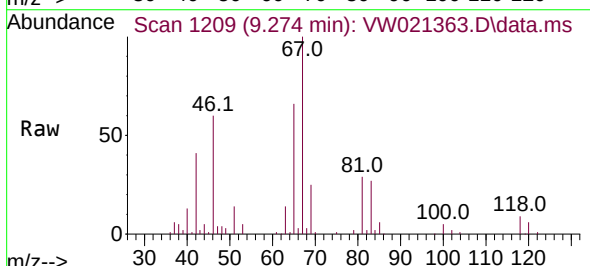
Acq: 13 Dec 2021 15:05

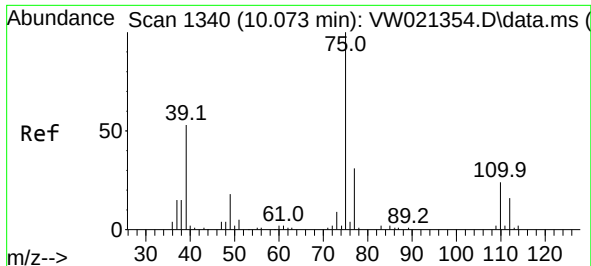
Tgt Ion: 63 Resp: 3890

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.761 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021363.D

Acq: 13 Dec 2021 15:05

Instrument :

MSVOA_W

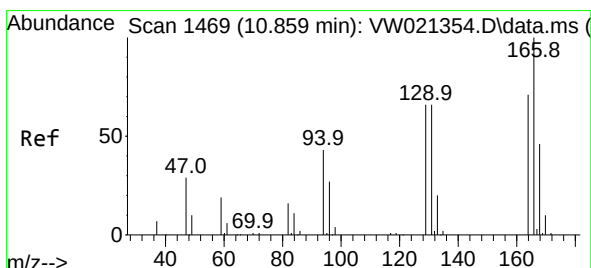
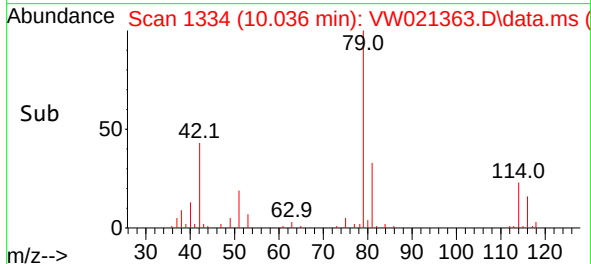
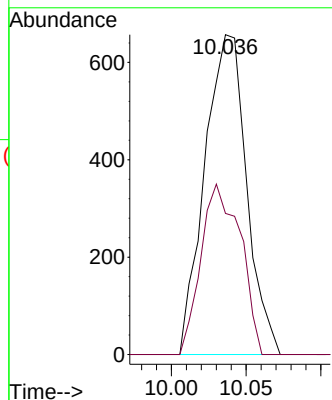
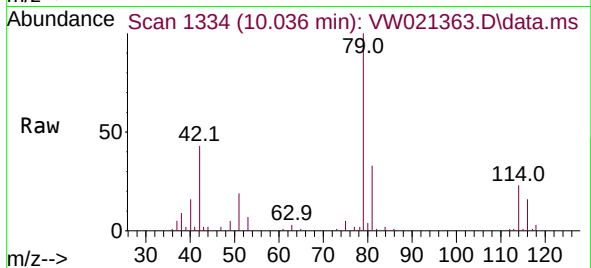
ClientSampleId :

Tgt Ion: 75 Resp: 1279

Ion Ratio Lower Upper

75 100

77 44.1 21.8 40.6#



#46

Tetrachloroethene

Concen: 0.634 ug/L

RT: 10.865 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021363.D

Acq: 13 Dec 2021 15:05

Tgt Ion:164 Resp: 808

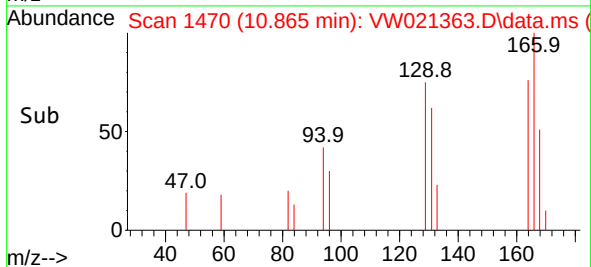
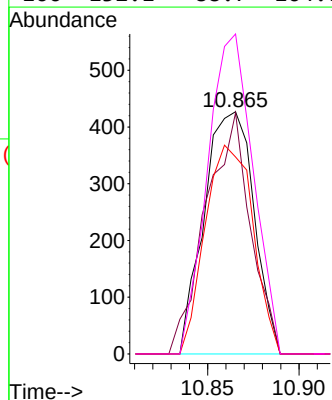
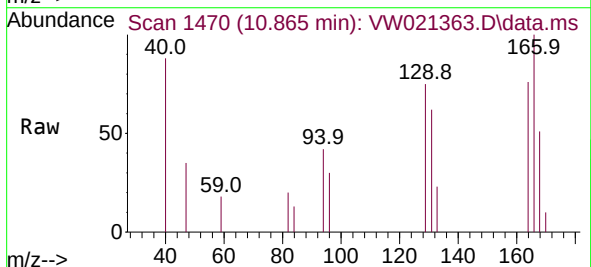
Ion Ratio Lower Upper

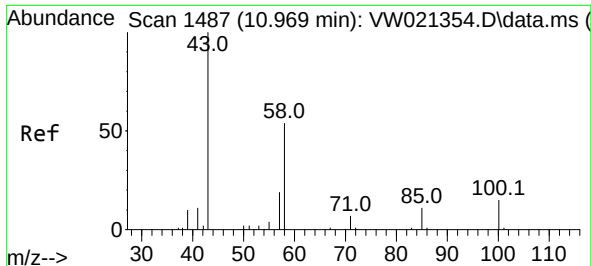
164 100

129 99.5 65.5 121.7

131 81.3 59.7 110.9

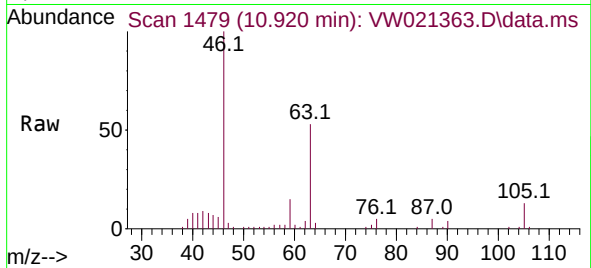
166 132.1 88.7 164.7



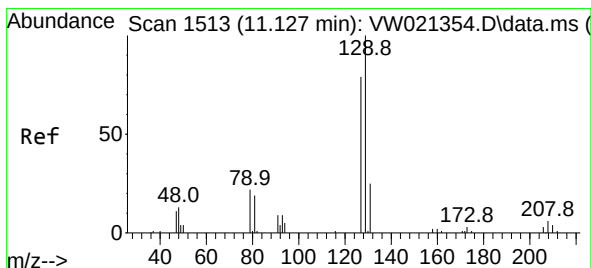
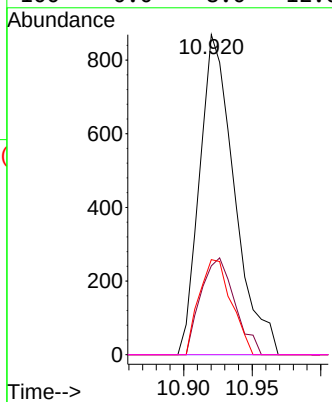
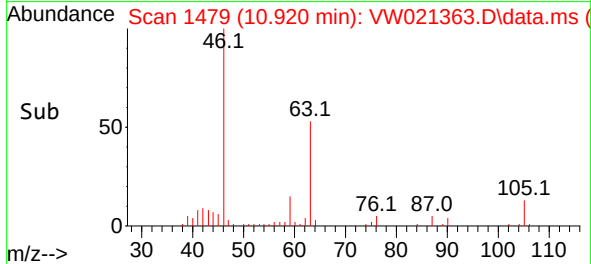


#48
2-Hexanone
Concen: 3.646 ug/L
RT: 10.920 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021363.D
Acq: 13 Dec 2021 15:05

Instrument :
MSVOA_W
ClientSampleId :

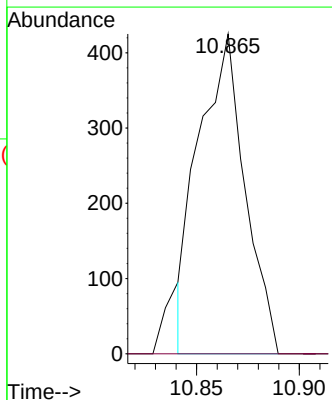
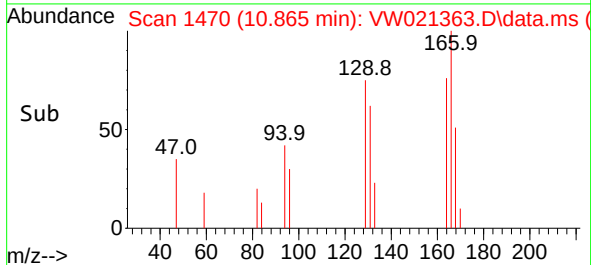
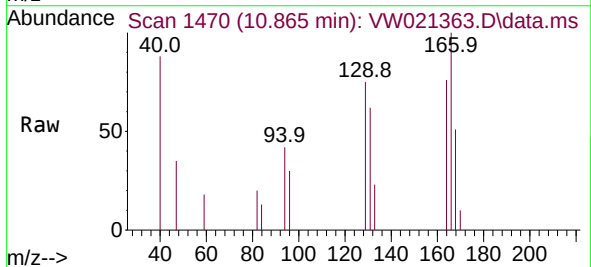


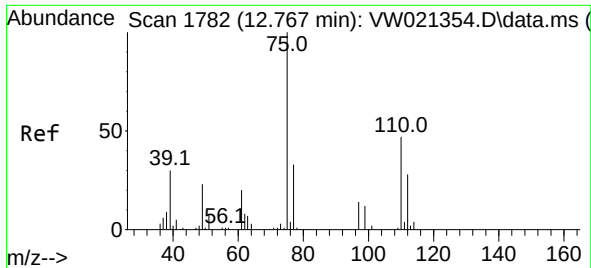
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
58 29.5 40.2 60.2#
57 27.5 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 0.617 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW021363.D
Acq: 13 Dec 2021 15:05

Tgt Ion: 129 Resp: 664
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 8.151 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

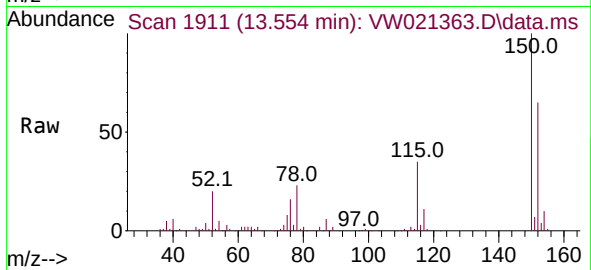
Lab File: VW021363.D

Acq: 13 Dec 2021 15:05

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	75	Resp:	5956
Ion	Ratio	Lower	Upper
75	100		
77	34.9	25.8	38.8
110	3.3	29.0	43.4#

