

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121321\
 Data File : VW021356.D
 Acq On : 13 Dec 2021 12:14
 Operator : SY/VA
 Sample : M4884-23
 Misc : 5.06g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:35:02 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)

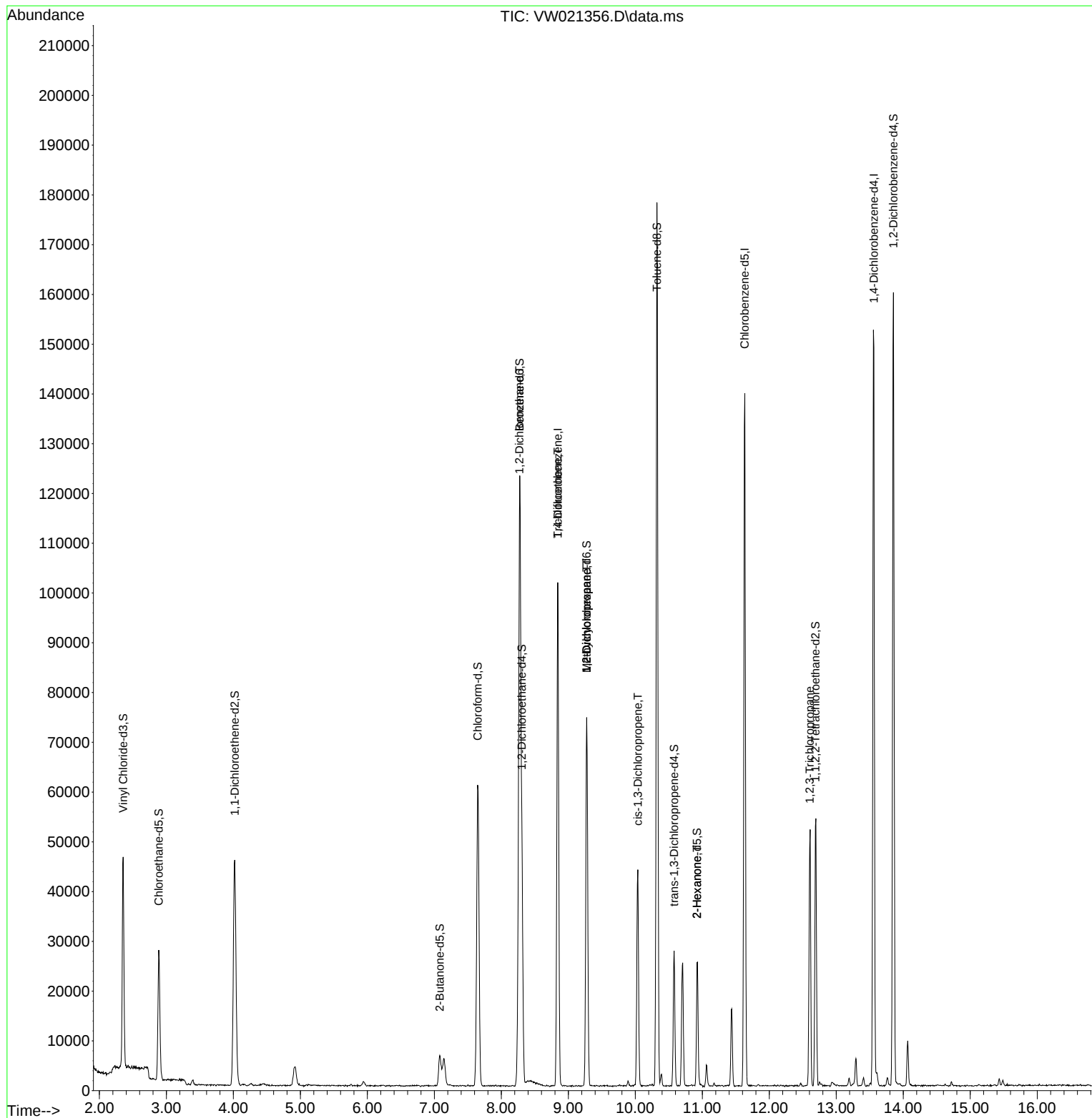
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	85620	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	80291	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	40960	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40948	26.259	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 105.040%		
7) Chloroethane-d5	2.885	69	28655	27.797	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 111.200%		
11) 1,1-Dichloroethene-d2	4.019	63	42312	20.353	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 81.400%		
21) 2-Butanone-d5	7.080	46	10586	48.160	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 96.320%		
24) Chloroform-d	7.647	84	61129	25.619	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 102.480%		
26) 1,2-Dichloroethane-d4	8.305	65	31134	24.530	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 98.120%		
32) Benzene-d6	8.275	84	116498	26.471	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 105.880%		
36) 1,2-Dichloropropane-d6	9.274	67	31741	26.892	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 107.560%		
41) Toluene-d8	10.323	98	116138	25.827	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 103.320%		
43) trans-1,3-Dichloroprop...	10.579	79	14497	26.675	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 106.720%		
47) 2-Hexanone-d5	10.921	63	8813	50.494	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 100.980%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25272	24.907	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 99.640%		
66) 1,2-Dichlorobenzene-d4	13.853	152	42060	26.496	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 106.000%		
Target Compounds						
27) 1,2-Dichloroethane	8.269	62	756	0.570	ug/L	# 77
34) Trichloroethene	8.842	95	2466	2.008	ug/L	# 5
35) Methylcyclohexane	9.274	83	8914	4.401	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	3917	4.015	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1305	0.849	ug/L	# 52
48) 2-Hexanone	10.921	43	1100	2.853	ug/L	# 65
61) 1,2,3-Trichloropropane	12.603	75	598	1.003	ug/L	# 66

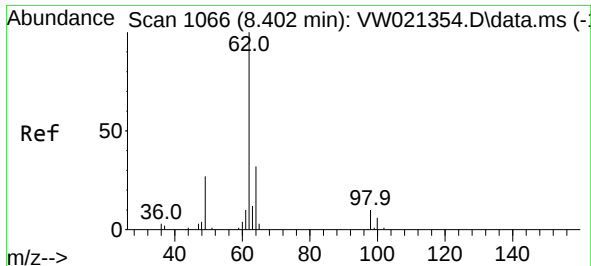
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 14 00:35:02 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





#27

1,2-Dichloroethane

Concen: 0.570 ug/L

RT: 8.269 min Scan# 110

Delta R.T. -0.134 min

Lab File: VW021356.D

Acq: 13 Dec 2021 12:14

Instrument :

MSVOA_W

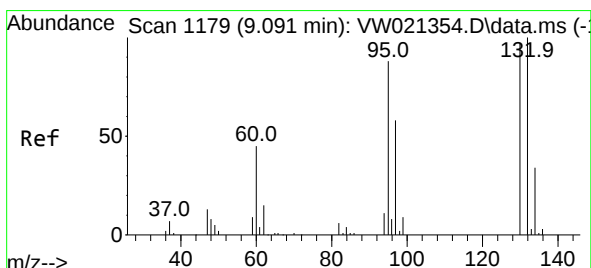
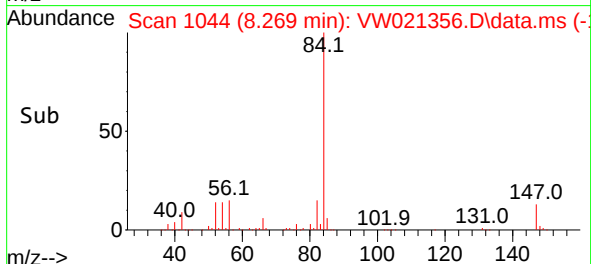
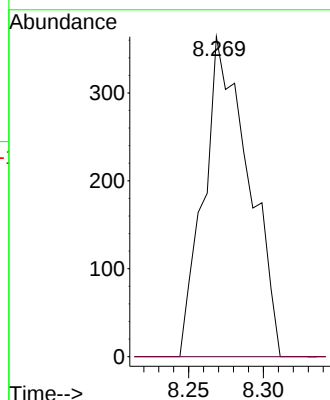
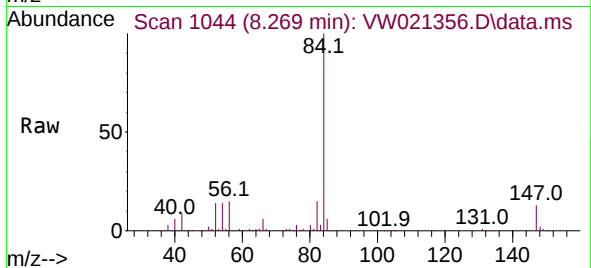
ClientSampleId :

Tgt Ion: 62 Resp: 756

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 2.008 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021356.D

Acq: 13 Dec 2021 12:14

Tgt Ion: 95 Resp: 2466

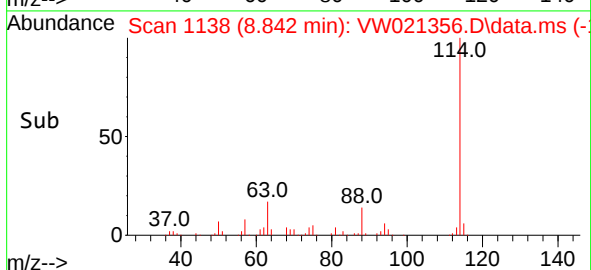
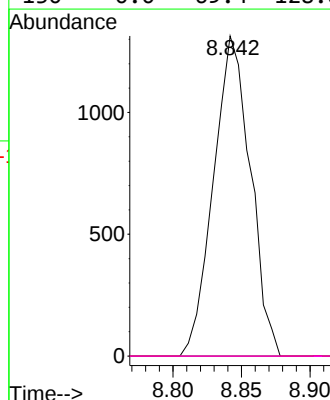
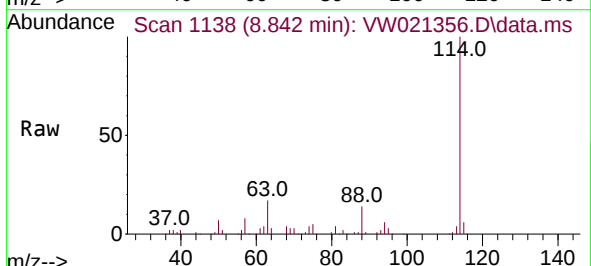
Ion Ratio Lower Upper

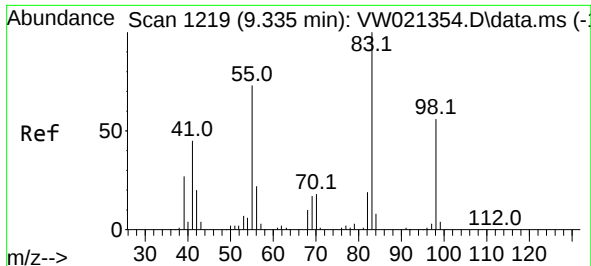
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 4.401 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021356.D

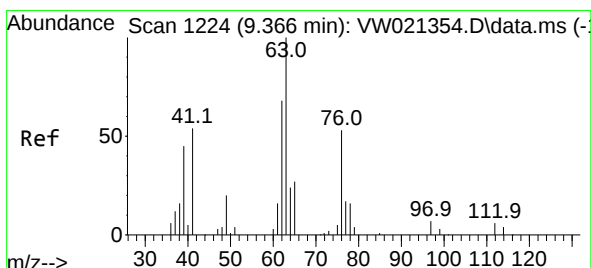
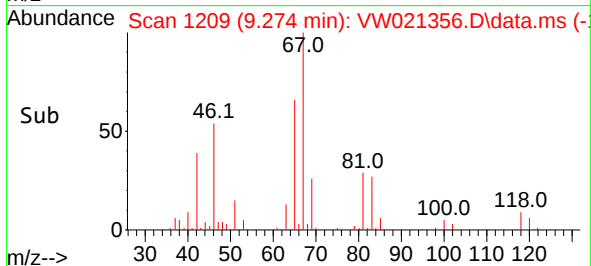
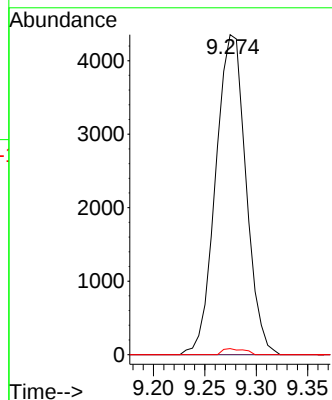
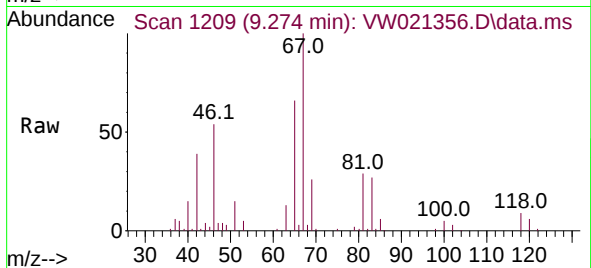
Acq: 13 Dec 2021 12:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 8914
Ion Ratio	Lower Upper
83	100
55	0.0 70.8 106.2#
98	0.9 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 4.015 ug/L

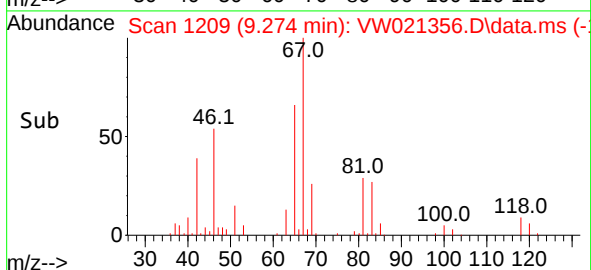
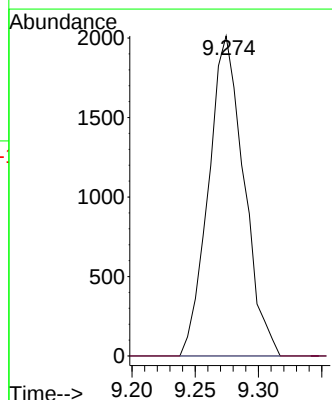
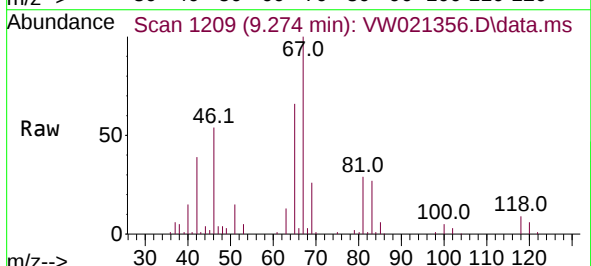
RT: 9.274 min Scan# 1209

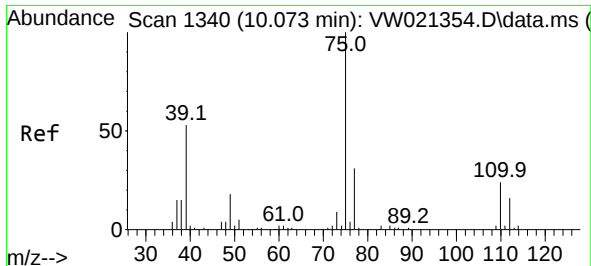
Delta R.T. -0.091 min

Lab File: VW021356.D

Acq: 13 Dec 2021 12:14

Tgt Ion: 63	Resp: 3917
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.849 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021356.D

Acq: 13 Dec 2021 12:14

Instrument :

MSVOA_W

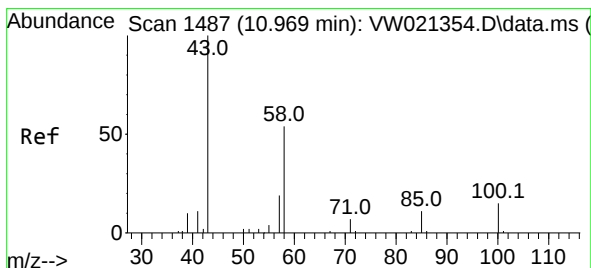
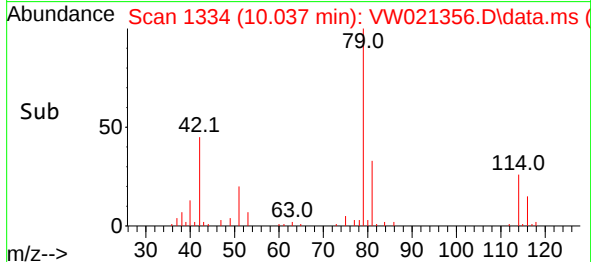
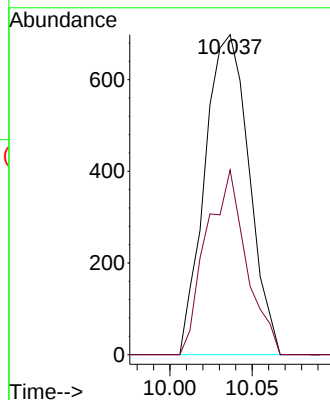
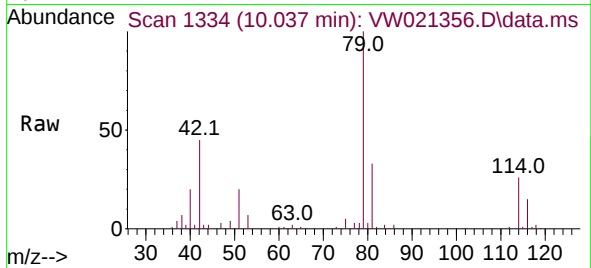
ClientSampleId :

Tgt Ion: 75 Resp: 1305

Ion Ratio Lower Upper

75 100

77 57.7 21.8 40.6#



#48

2-Hexanone

Concen: 2.853 ug/L

RT: 10.921 min Scan# 1479

Delta R.T. -0.048 min

Lab File: VW021356.D

Acq: 13 Dec 2021 12:14

Tgt Ion: 43 Resp: 1100

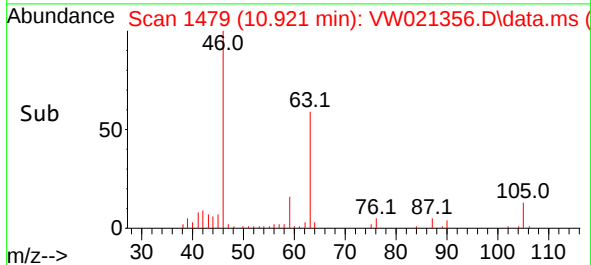
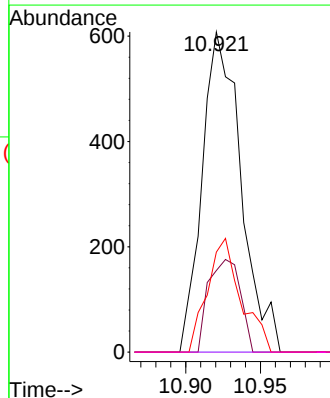
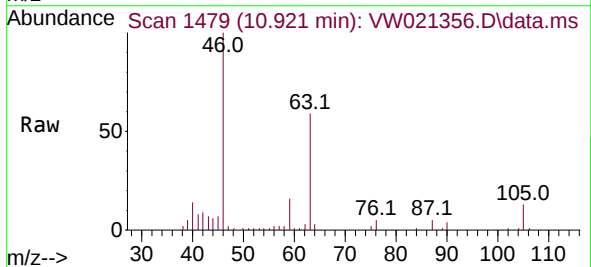
Ion Ratio Lower Upper

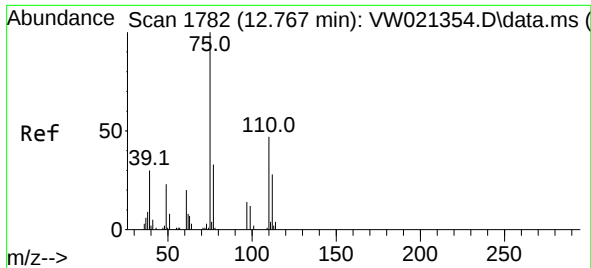
43 100

58 23.7 40.2 60.2#

57 30.7 14.3 21.5#

100 0.0 8.0 12.0#





#61

1,2,3-Trichloropropane

Concen: 1.003 ug/L

RT: 12.603 min Scan# 11

Delta R.T. -0.164 min

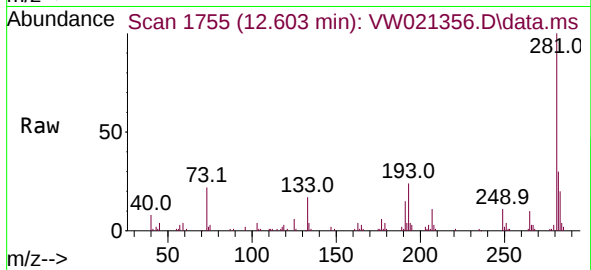
Lab File: VW021356.D

Acq: 13 Dec 2021 12:14

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 75 Resp: 598

Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

110 28.9 29.0 43.4#

