

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW123021\
 Data File : VW021706.D
 Acq On : 30 Dec 2021 14:32
 Operator : SY/VA
 Sample : M5194-21
 Misc : 5.02g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 31 00:53:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 31 00:51:50 2021
 Response via : Initial Calibration

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

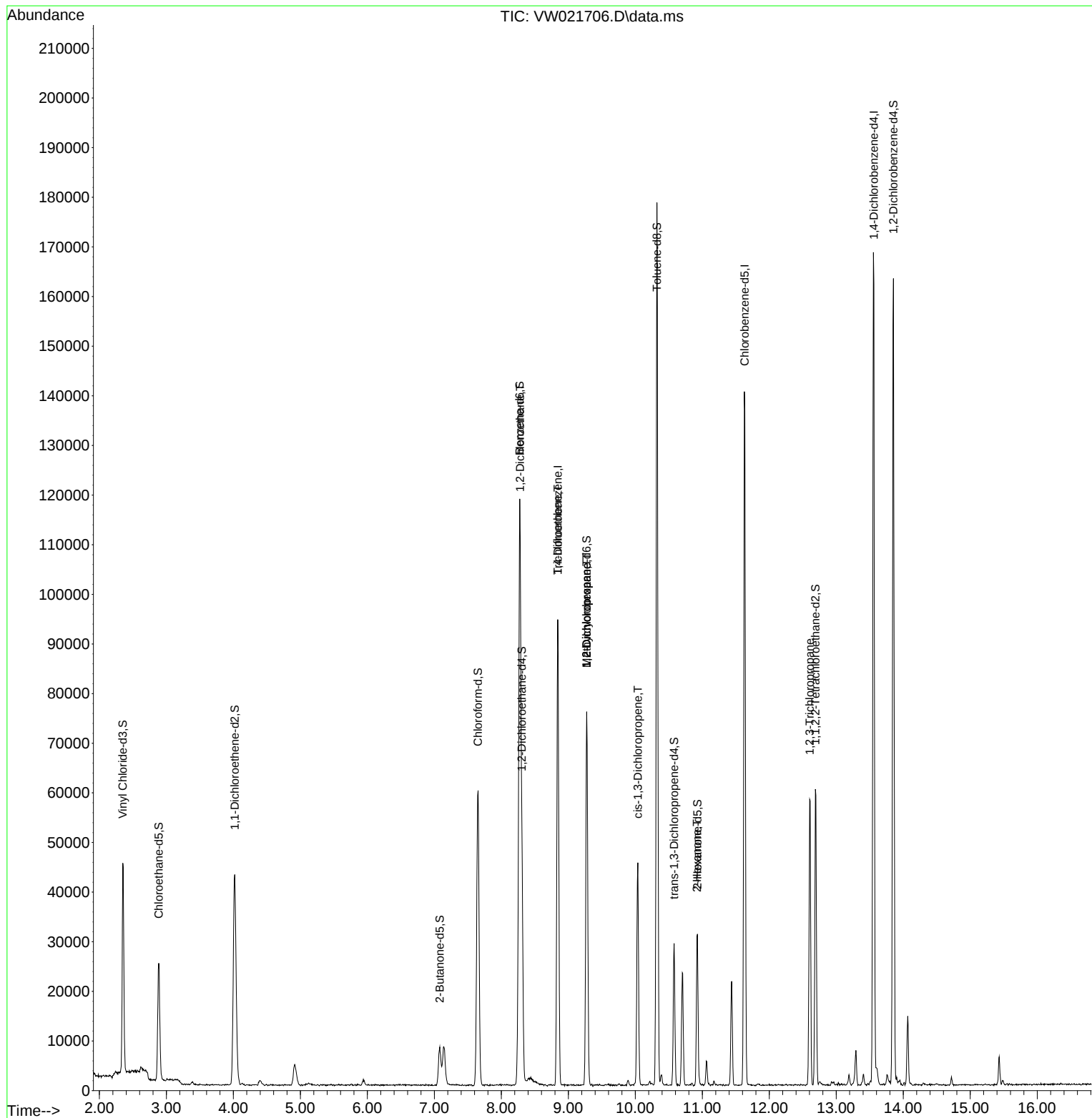
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	79910	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	78934	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	46271	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41849	26.561	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 106.240%		
7) Chloroethane-d5	2.885	69	28343	26.709	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 106.840%		
11) 1,1-Dichloroethene-d2	4.019	63	40682	17.644	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 70.560%		
21) 2-Butanone-d5	7.080	46	12987	56.341	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 112.680%		
24) Chloroform-d	7.653	84	60017	24.043	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 96.160%		
26) 1,2-Dichloroethane-d4	8.305	65	33181	25.174	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 100.680%		
32) Benzene-d6	8.275	84	113720	24.263	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 97.040%		
36) 1,2-Dichloropropane-d6	9.275	67	31875	25.070	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 100.280%		
41) Toluene-d8	10.323	98	112983	24.194	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 96.760%		
43) trans-1,3-Dichloroprop...	10.579	79	14881	24.053	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 96.200%		
47) 2-Hexanone-d5	10.927	63	10298	53.405	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 106.820%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	27820	26.540	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 106.160%		
66) 1,2-Dichlorobenzene-d4	13.853	152	41959	23.713	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 94.840%		
Target Compounds						Qvalue
27) 1,2-Dichloroethane	8.281	62	845	0.579	ug/L	# 77
34) Trichloroethene	8.842	95	2375	1.737	ug/L	# 5
35) Methylcyclohexane	9.275	83	8380	3.715	ug/L	# 14
37) 1,2-Dichloropropane	9.275	63	4121	3.861	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1431	0.821	ug/L	# 89
48) 2-Hexanone	10.921	43	1354	3.391	ug/L	# 65
61) 1,2,3-Trichloropropane	12.603	75	585	0.826	ug/L	# 62

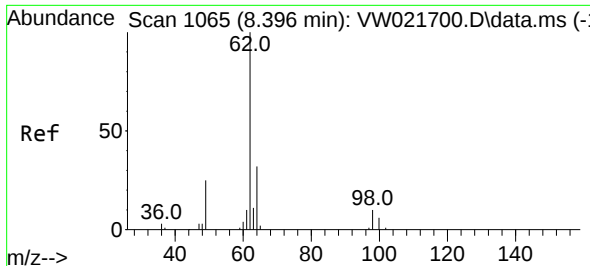
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 31 00:53:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 31 00:51:50 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.579 ug/L

RT: 8.281 min Scan# 110

Delta R.T. -0.116 min

Lab File: VW021706.D

Acq: 30 Dec 2021 14:32

Instrument :

MSVOA_W

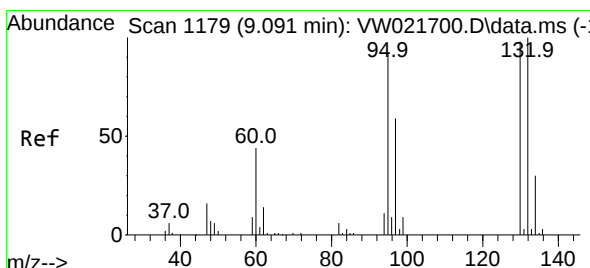
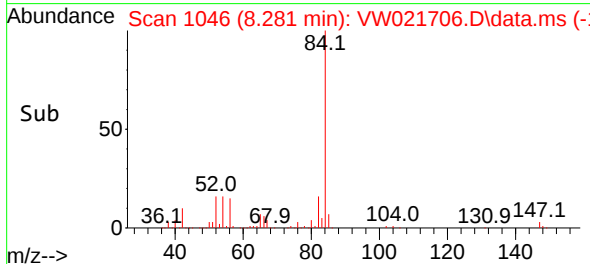
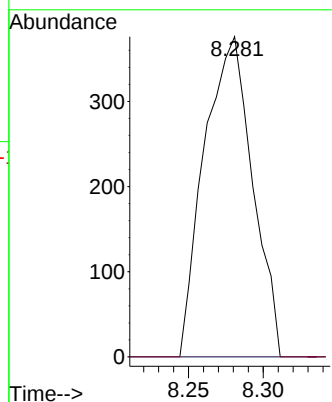
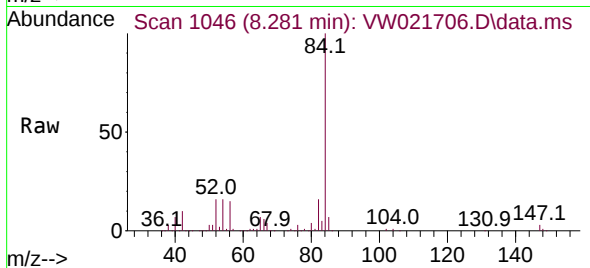
ClientSampleId :

Tgt Ion: 62 Resp: 845

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.737 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021706.D

Acq: 30 Dec 2021 14:32

Tgt Ion: 95 Resp: 2375

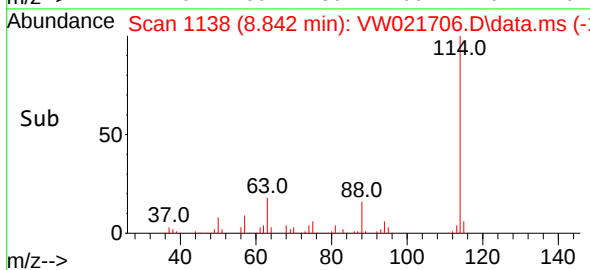
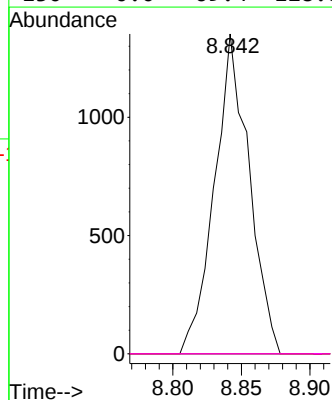
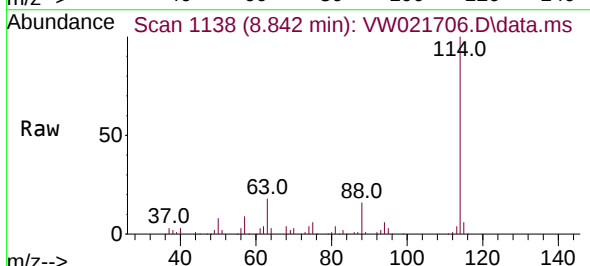
Ion Ratio Lower Upper

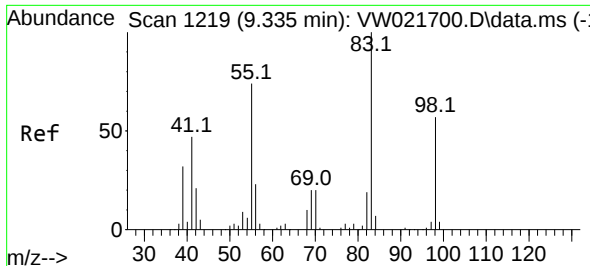
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#

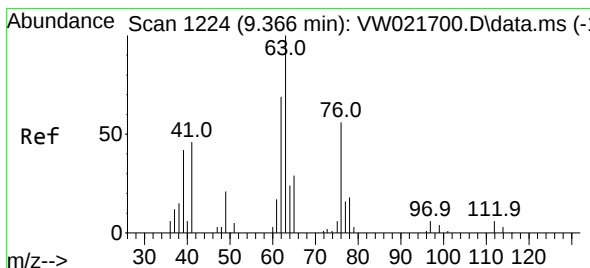
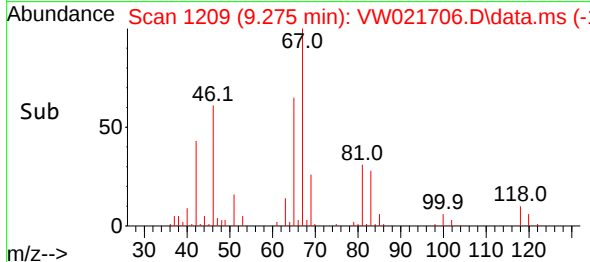
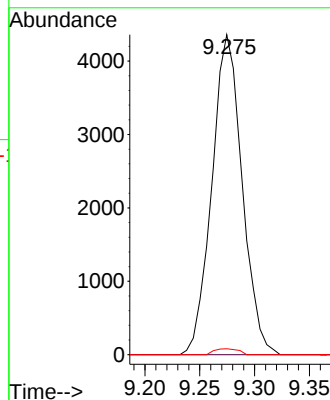
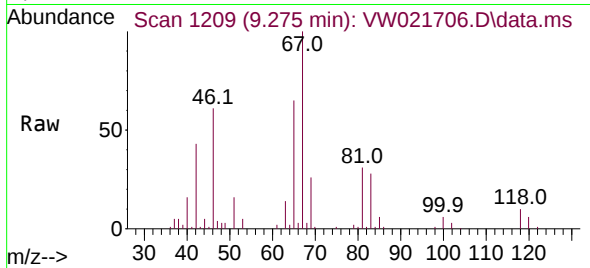




#35
Methylcyclohexane
Concen: 3.715 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021706.D
Acq: 30 Dec 2021 14:32

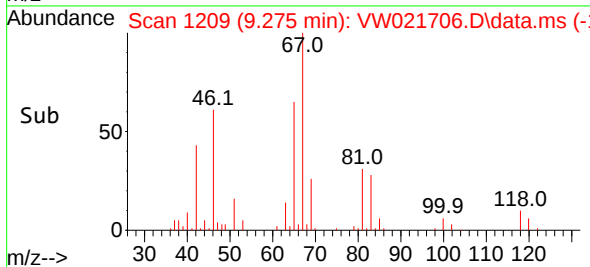
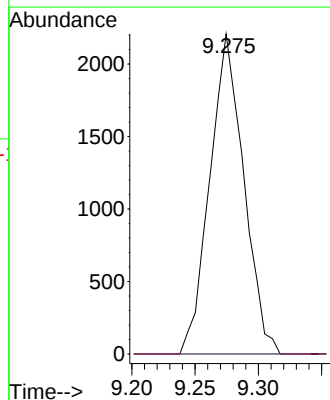
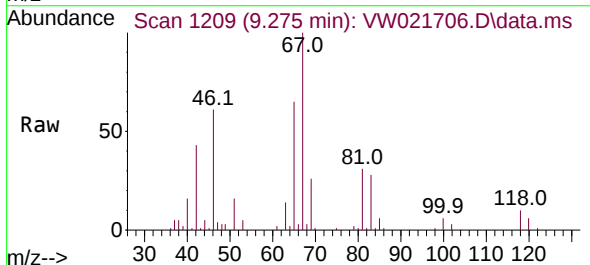
Instrument :
MSVOA_W
ClientSampleId :

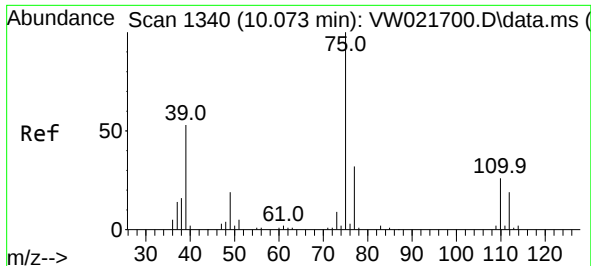
Tgt Ion: 83 Resp: 8380
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.5 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.861 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021706.D
Acq: 30 Dec 2021 14:32

Tgt Ion: 63 Resp: 4121
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.821 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021706.D

Acq: 30 Dec 2021 14:32

Instrument :

MSVOA_W

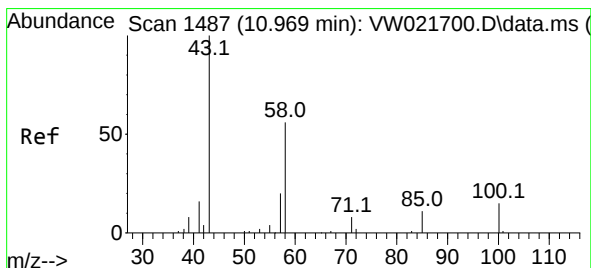
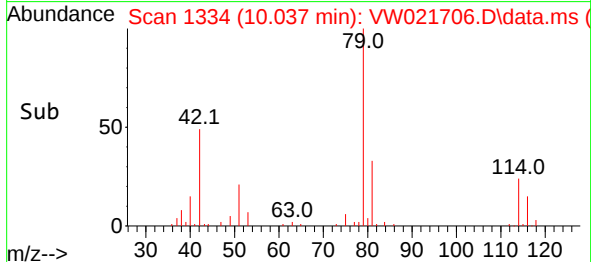
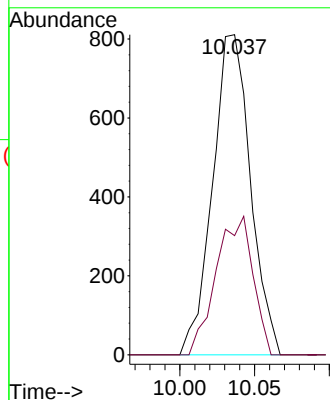
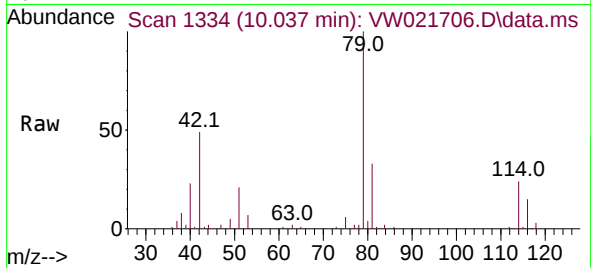
ClientSampleId :

Tgt Ion: 75 Resp: 1431

Ion Ratio Lower Upper

75 100

77 37.2 21.8 40.6



#48

2-Hexanone

Concen: 3.391 ug/L

RT: 10.921 min Scan# 1479

Delta R.T. -0.049 min

Lab File: VW021706.D

Acq: 30 Dec 2021 14:32

Tgt Ion: 43 Resp: 1354

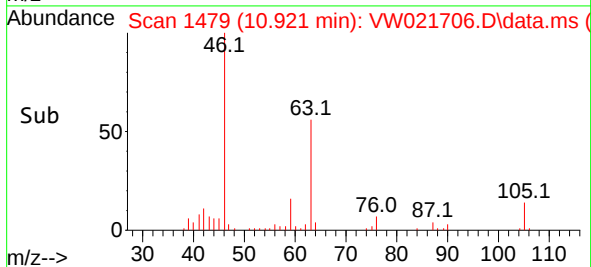
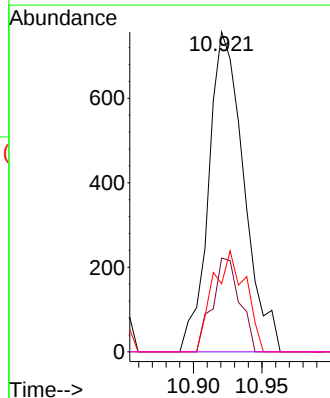
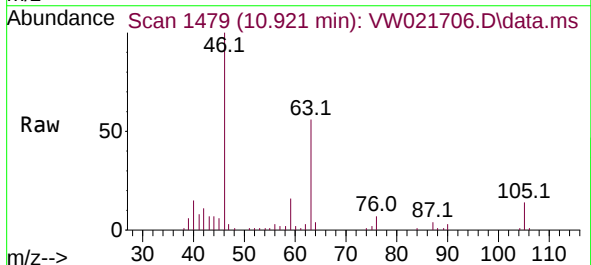
Ion Ratio Lower Upper

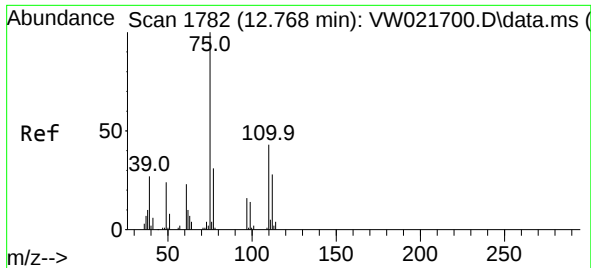
43 100

58 22.7 40.2 60.2#

57 29.1 14.3 21.5#

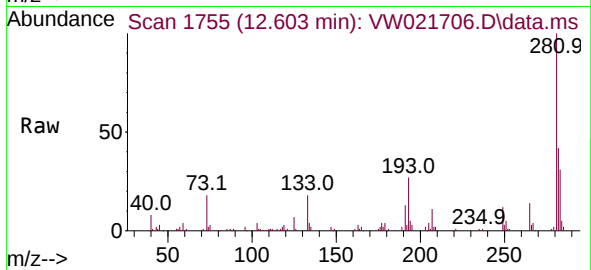
100 0.0 8.0 12.0#





#61
 1,2,3-Trichloropropane
 Concen: 0.826 ug/L
 RT: 12.603 min Scan# 11
 Delta R.T. -0.164 min
 Lab File: VW021706.D
 Acq: 30 Dec 2021 14:32

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	585
Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.8	38.8#
110	47.7	29.0	43.4#

