

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122921\
 Data File : VW021696.D
 Acq On : 29 Dec 2021 18:01
 Operator : SY/VA
 Sample : M5023-21
 Misc : 5.03g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 30 01:20:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 30 01:18:20 2021
 Response via : Initial Calibration

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

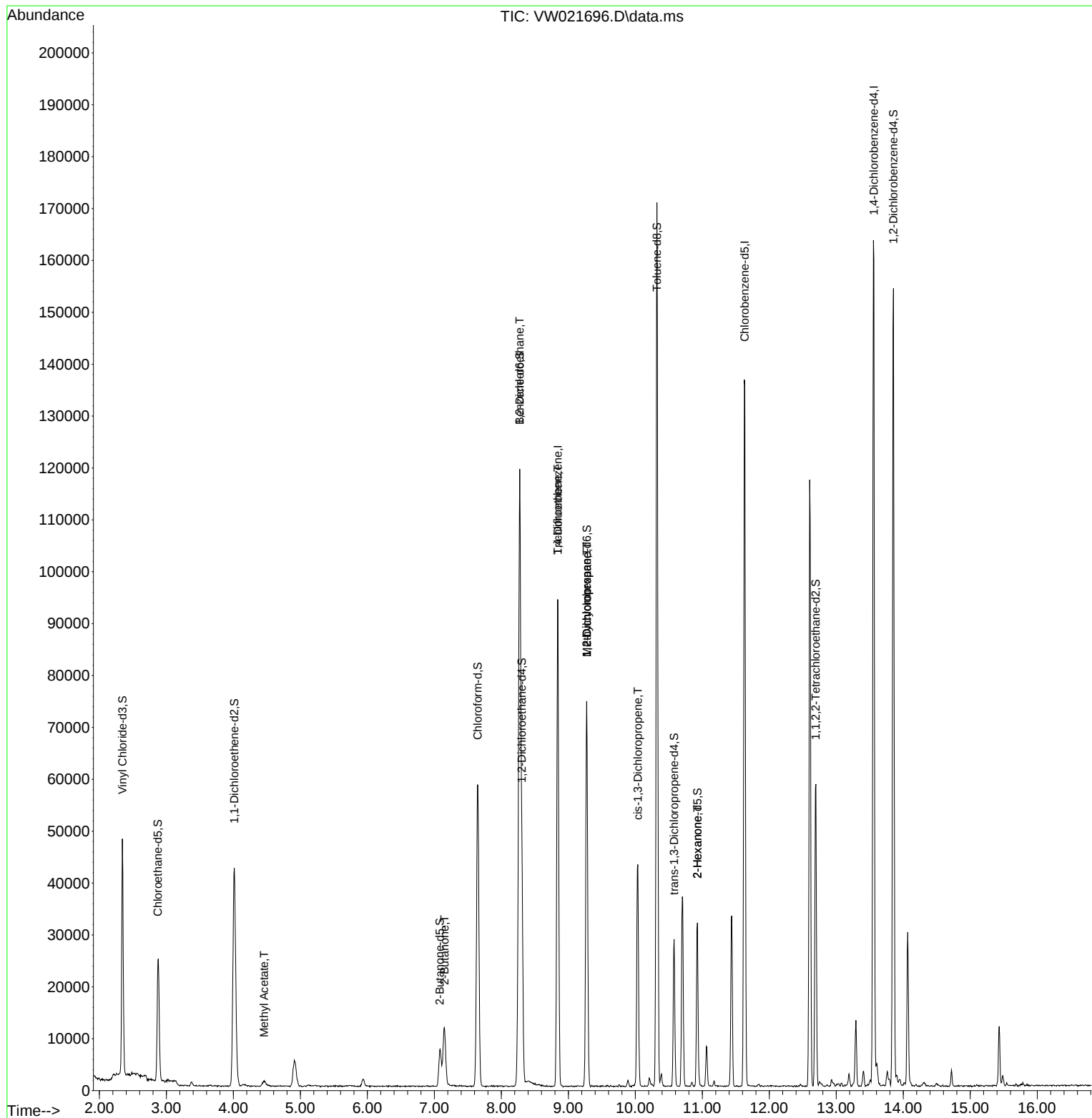
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	76888	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	77727	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	45250	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	43900	28.958	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 115.840%	
7) Chloroethane-d5	2.873	69	28357	27.772	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 111.080%	
11) 1,1-Dichloroethene-d2	4.013	63	39350	17.737	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 70.960%	
21) 2-Butanone-d5	7.080	46	12911	58.213	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 116.420%	
24) Chloroform-d	7.647	84	59118	24.614	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 98.440%	
26) 1,2-Dichloroethane-d4	8.305	65	32083	25.297	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.200%	
32) Benzene-d6	8.275	84	112816	24.444	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 97.760%	
36) 1,2-Dichloropropane-d6	9.274	67	30960	24.728	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 98.920%	
41) Toluene-d8	10.323	98	110710	24.076	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 96.320%	
43) trans-1,3-Dichloroprop...	10.579	79	14714	24.152	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 96.600%	
47) 2-Hexanone-d5	10.927	63	10311	54.303	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 108.600%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	26834	25.997	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 104.000%	
66) 1,2-Dichlorobenzene-d4	13.853	152	39658	22.919	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 91.680%	
Target Compounds						Qvalue
15) Methyl Acetate	4.458	43	518	1.442	ug/L #	56
22) 2-Butanone	7.153	43	637	2.488	ug/L #	52
27) 1,2-Dichloroethane	8.275	62	761	0.542	ug/L #	77
34) Trichloroethene	8.842	95	2377	1.766	ug/L #	5
35) Methylcyclohexane	9.274	83	8367	3.767	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	3998	3.804	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1366	0.795	ug/L #	65
48) 2-Hexanone	10.927	43	1384	3.520	ug/L #	71

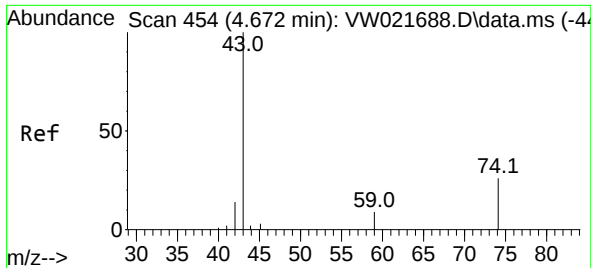
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 30 01:18:20 2021
Response via : Initial Calibration

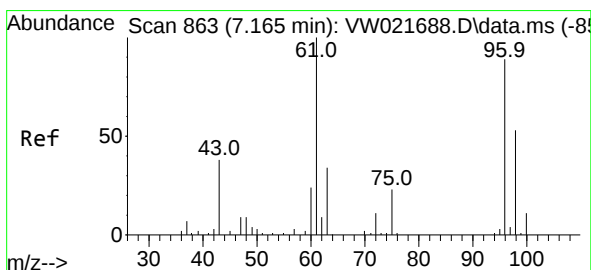
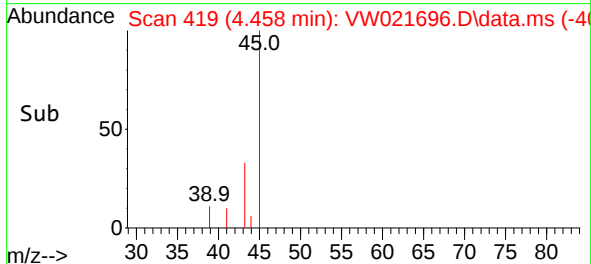
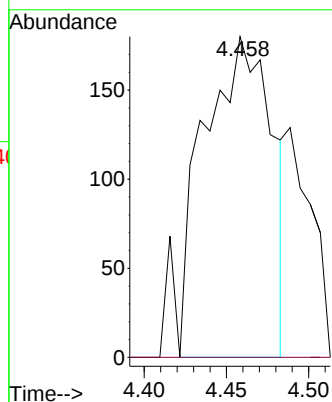
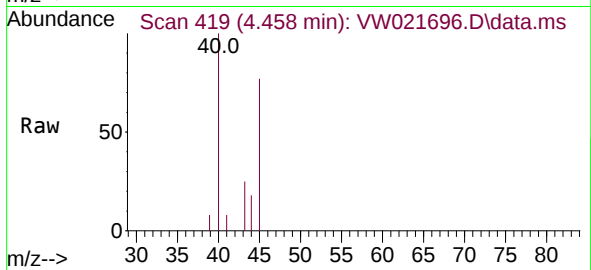




#15
Methyl Acetate
Concen: 1.442 ug/L
RT: 4.458 min Scan# 419
Delta R.T. -0.213 min
Lab File: VW021696.D
Acq: 29 Dec 2021 18:01

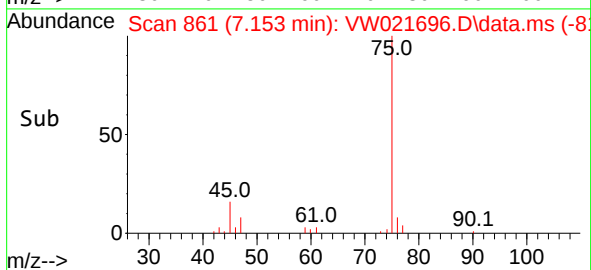
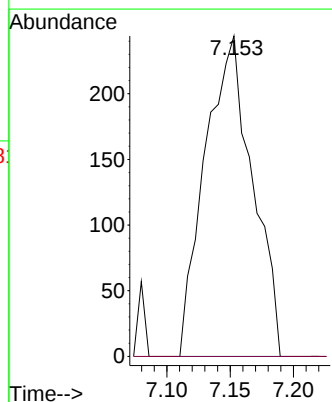
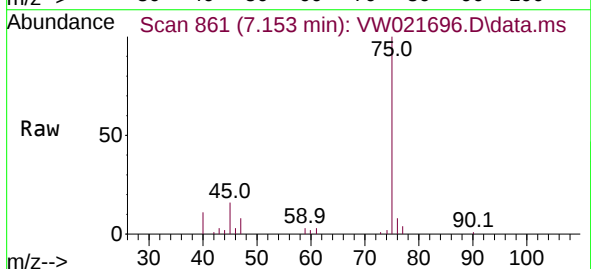
Instrument :
MSVOA_W
ClientSampleId :

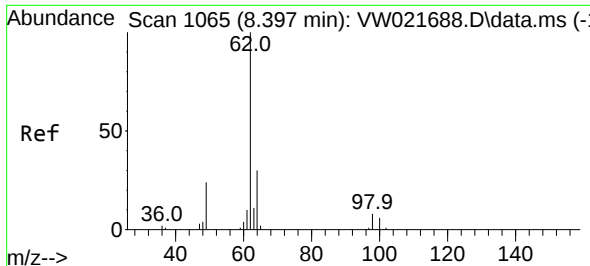
Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
74 0.0 16.4 24.6#



#22
2-Butanone
Concen: 2.488 ug/L
RT: 7.153 min Scan# 861
Delta R.T. -0.012 min
Lab File: VW021696.D
Acq: 29 Dec 2021 18:01

Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#





#27

1,2-Dichloroethane

Concen: 0.542 ug/L

RT: 8.275 min Scan# 1108

Delta R.T. -0.122 min

Lab File: VW021696.D

Acq: 29 Dec 2021 18:01

Instrument :

MSVOA_W

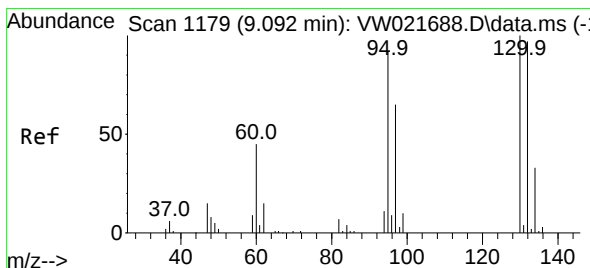
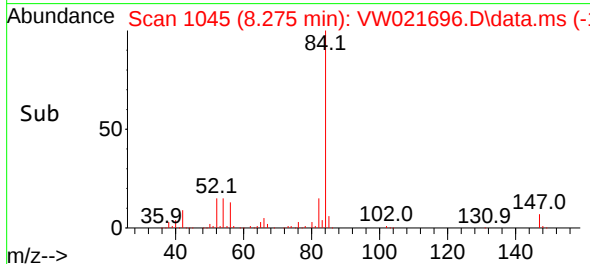
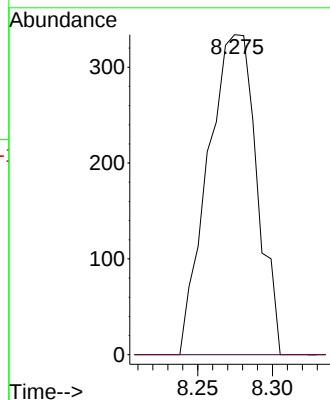
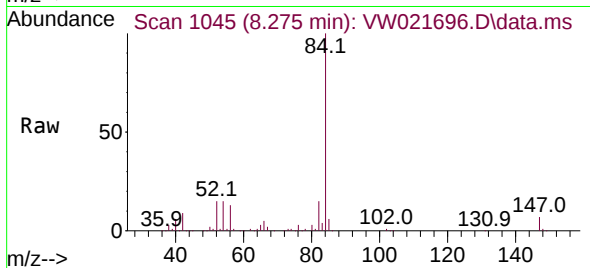
ClientSampleId :

Tgt Ion: 62 Resp: 761

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.766 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021696.D

Acq: 29 Dec 2021 18:01

Tgt Ion: 95 Resp: 2377

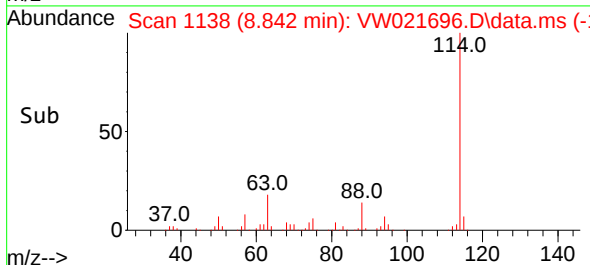
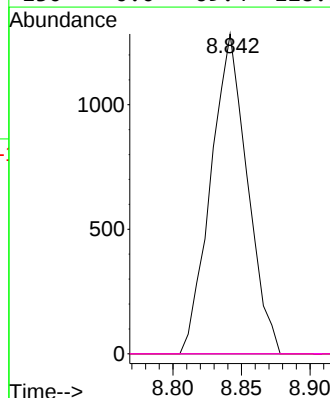
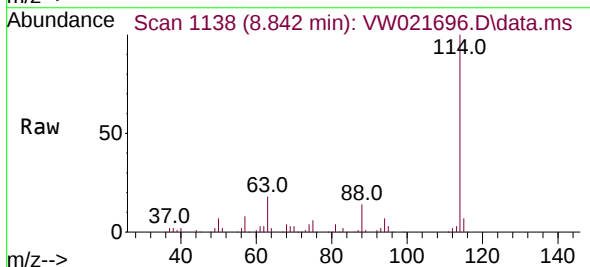
Ion Ratio Lower Upper

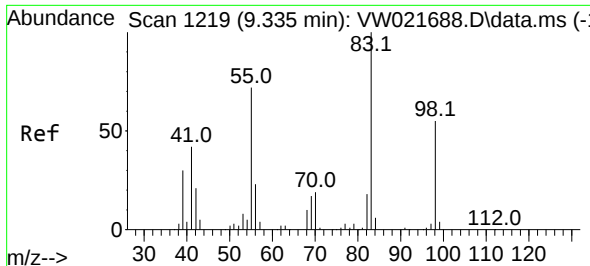
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.767 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021696.D

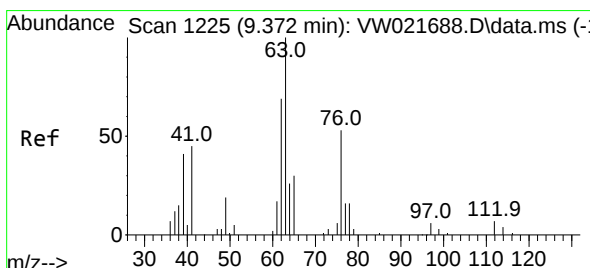
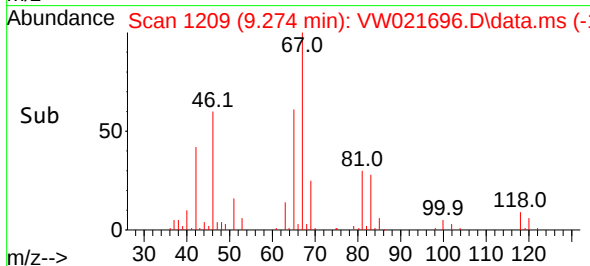
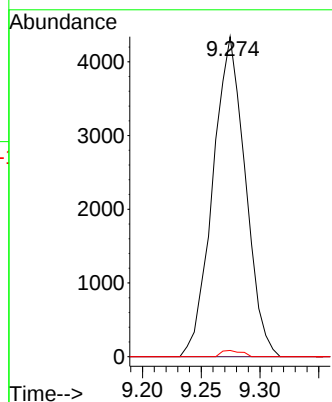
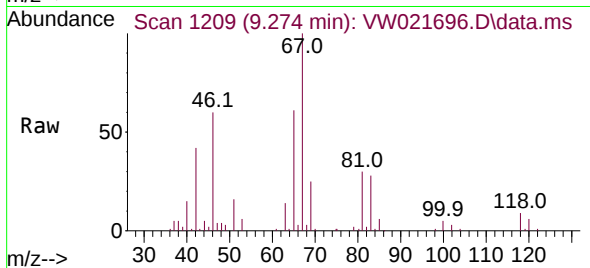
Acq: 29 Dec 2021 18:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 8367
Ion Ratio	Lower Upper
83	100
55	0.0 70.8 106.2#
98	1.2 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.804 ug/L

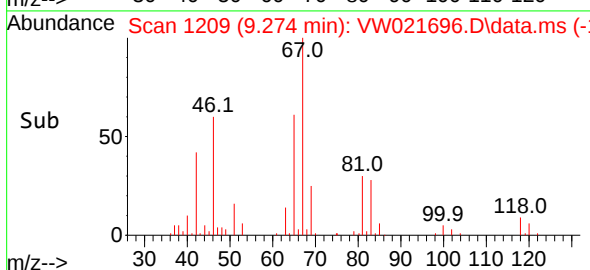
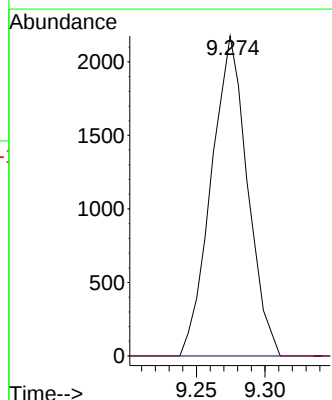
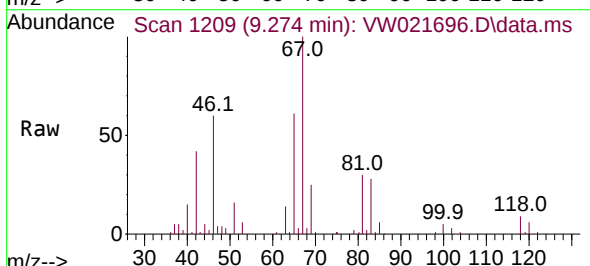
RT: 9.274 min Scan# 1209

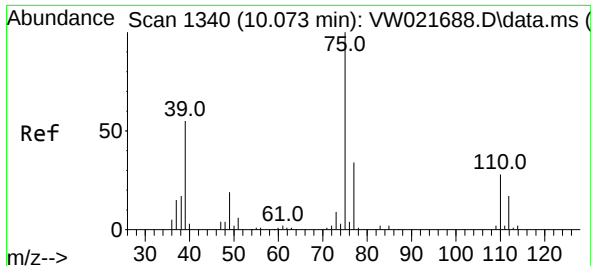
Delta R.T. -0.098 min

Lab File: VW021696.D

Acq: 29 Dec 2021 18:01

Tgt Ion: 63	Resp: 3998
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.795 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021696.D

Acq: 29 Dec 2021 18:01

Instrument :

MSVOA_W

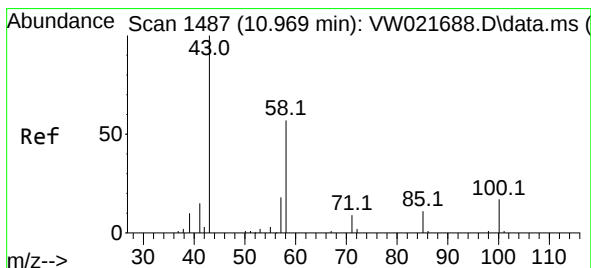
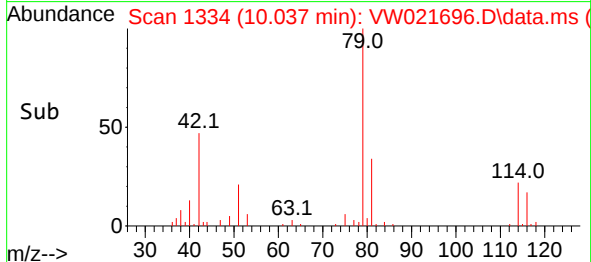
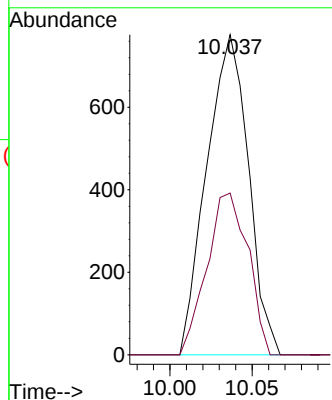
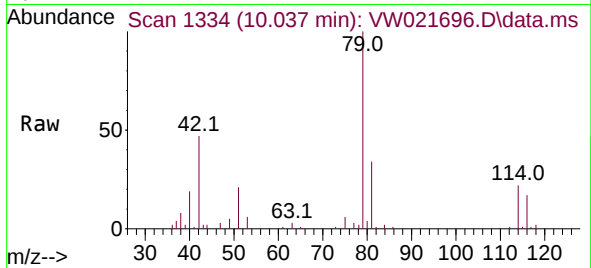
ClientSampleId :

Tgt Ion: 75 Resp: 1366

Ion Ratio Lower Upper

75 100

77 50.5 21.8 40.6#



#48

2-Hexanone

Concen: 3.520 ug/L

RT: 10.927 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021696.D

Acq: 29 Dec 2021 18:01

Tgt Ion: 43 Resp: 1384

Ion Ratio Lower Upper

43 100

58 29.0 40.2 60.2#

57 30.0 14.3 21.5#

100 0.0 8.0 12.0#

