

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021323.D
 Acq On : 11 Dec 2021 13:40
 Operator : SY/VA
 Sample : M5023-16RE
 Misc : 6.12g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 08:07:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

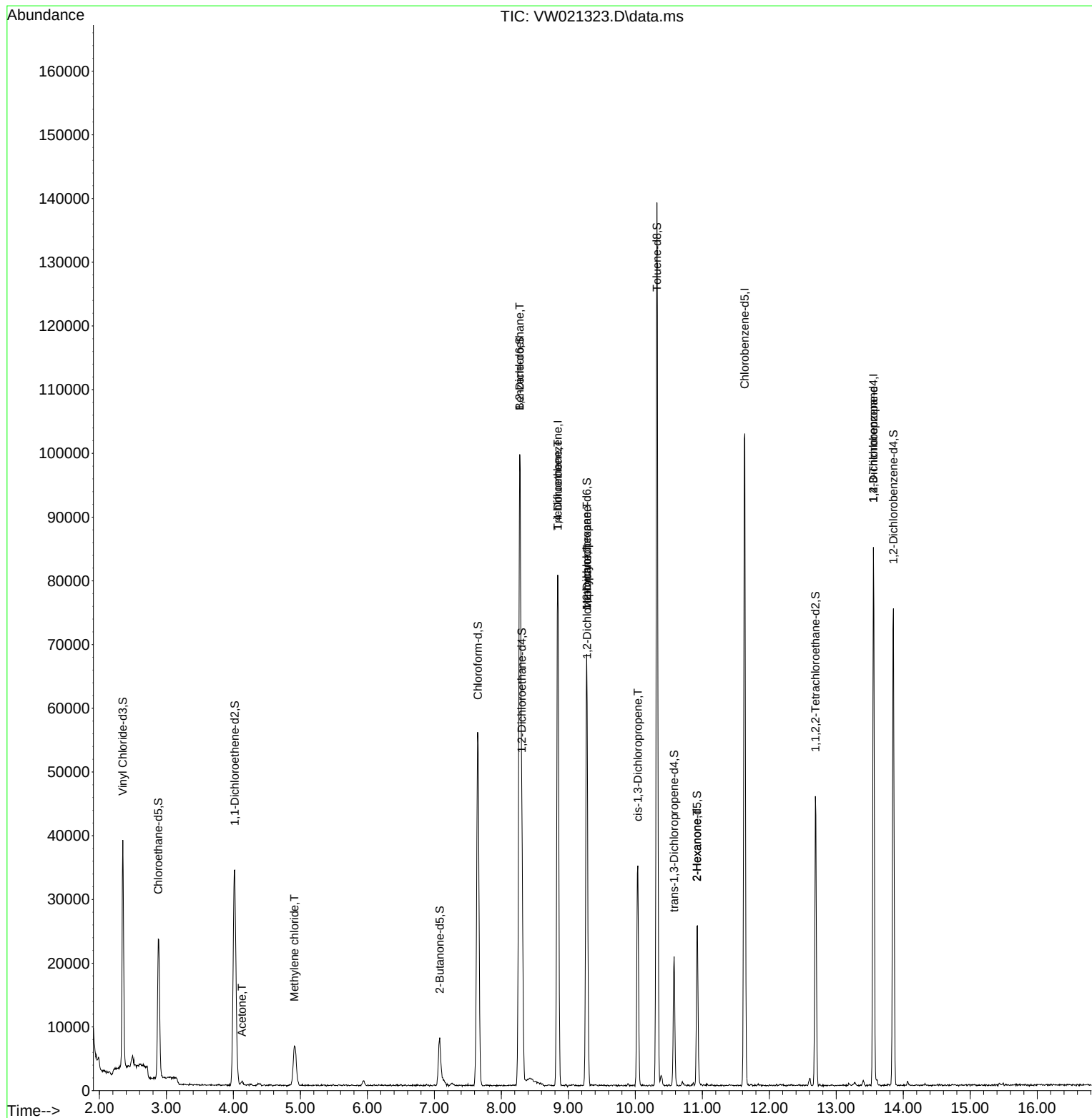
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	69369	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	58951	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	22372	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33695	26.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.680%	
7) Chloroethane-d5	2.879	69	26266	31.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 125.800%	
11) 1,1-Dichloroethene-d2	4.019	63	31825	18.895	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 75.560%	
21) 2-Butanone-d5	7.080	46	12432	69.808	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 139.620%#	
24) Chloroform-d	7.653	84	55466	28.692	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 114.760%	
26) 1,2-Dichloroethane-d4	8.305	65	27782	27.017	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 108.080%	
32) Benzene-d6	8.275	84	99676	30.847	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 123.400%	
36) 1,2-Dichloropropane-d6	9.274	67	28377	32.745	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 131.000%#	
41) Toluene-d8	10.323	98	87964	26.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 106.560%	
43) trans-1,3-Dichloroprop...	10.579	79	10455	26.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 104.800%	
47) 2-Hexanone-d5	10.920	63	8556	66.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 133.540%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20827	27.957	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 111.840%	
66) 1,2-Dichlorobenzene-d4	13.853	152	20076	23.155	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 92.600%	
Target Compounds						
						Qvalue
13) Acetone	4.129	43	1154	7.228	ug/L	64
16) Methylene chloride	4.909	84	5368	4.683	ug/L	84
27) 1,2-Dichloroethane	8.275	62	589	0.548	ug/L #	77
34) Trichloroethene	8.842	95	2008	2.227	ug/L #	5
35) Methylcyclohexane	9.274	83	7539	5.070	ug/L #	14
37) 1,2-Dichloropropane	9.281	63	3738	5.218	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1049	0.929	ug/L #	60
48) 2-Hexanone	10.920	43	1085	3.833	ug/L #	69
61) 1,2,3-Trichloropropane	13.554	75	2685	8.246	ug/L #	66

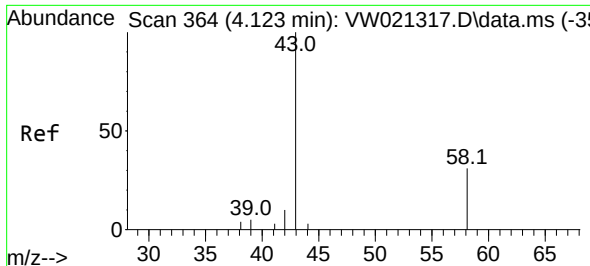
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration





#13

Acetone

Concen: 7.228 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021323.D

Acq: 11 Dec 2021 13:40

Instrument :

MSVOA_W

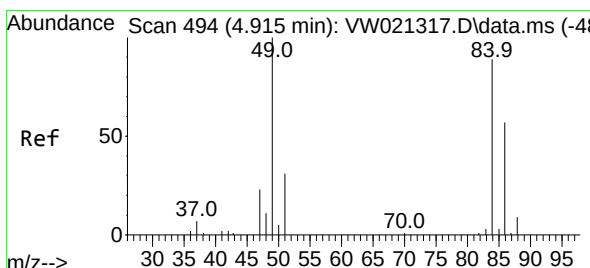
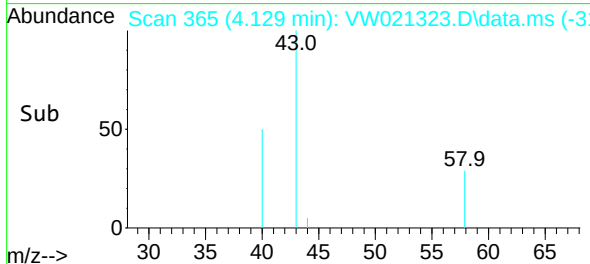
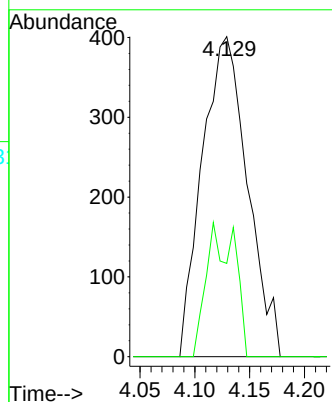
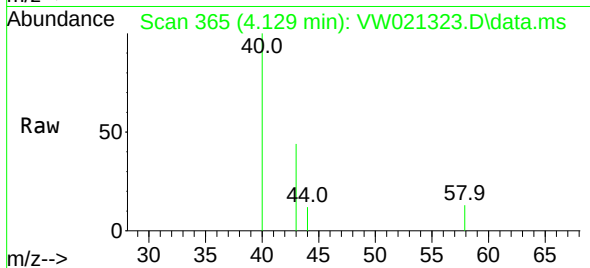
ClientSampleId :

Tgt Ion: 43 Resp: 1154

Ion Ratio Lower Upper

43 100

58 8.1 0.0 52.8



#16

Methylene chloride

Concen: 4.683 ug/L

RT: 4.909 min Scan# 493

Delta R.T. -0.006 min

Lab File: VW021323.D

Acq: 11 Dec 2021 13:40

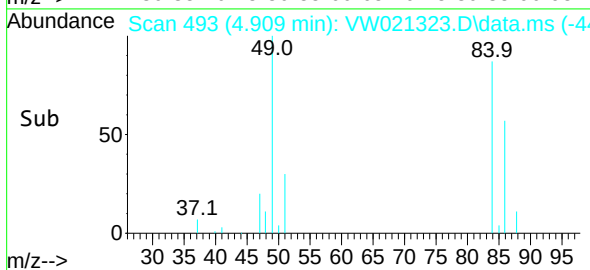
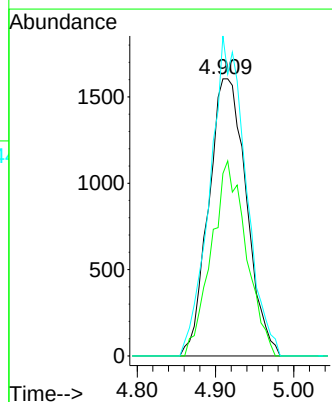
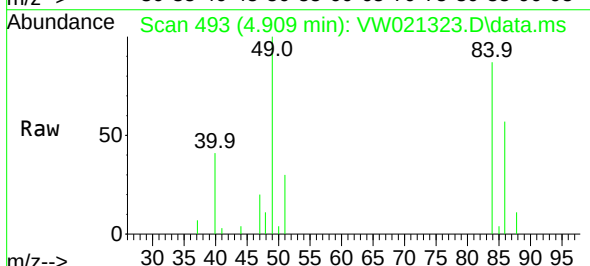
Tgt Ion: 84 Resp: 5368

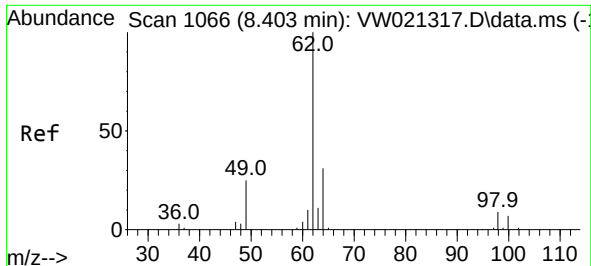
Ion Ratio Lower Upper

84 100

86 65.8 45.5 84.5

49 115.5 100.5 186.7





#27

1,2-Dichloroethane

Concen: 0.548 ug/L

RT: 8.275 min Scan# 1108

Delta R.T. -0.128 min

Lab File: VW021323.D

Acq: 11 Dec 2021 13:40

Instrument :

MSVOA_W

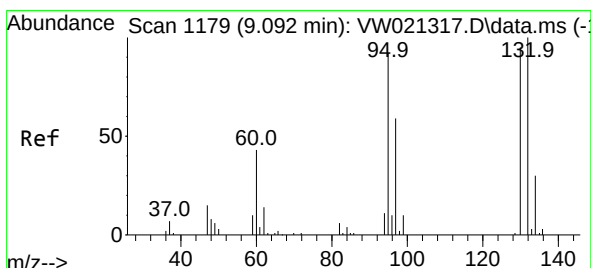
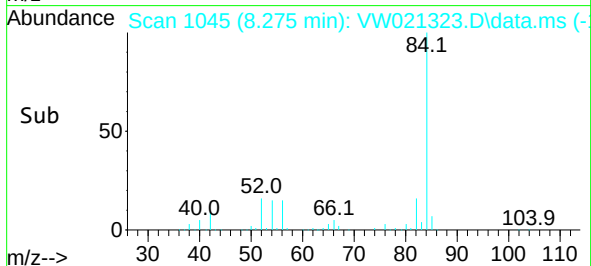
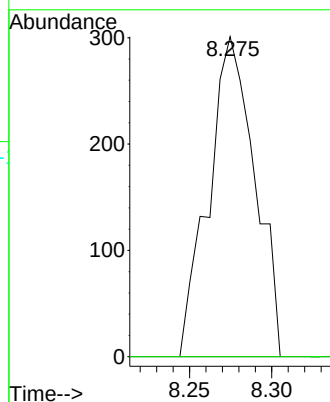
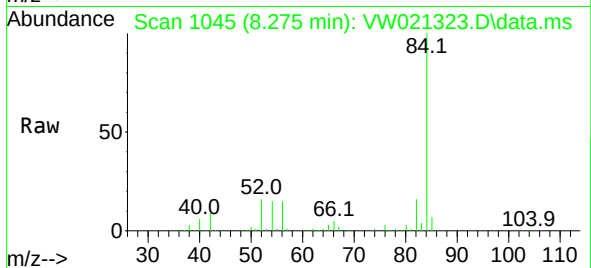
ClientSampleId :

Tgt Ion: 62 Resp: 589

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 2.227 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021323.D

Acq: 11 Dec 2021 13:40

Tgt Ion: 95 Resp: 2008

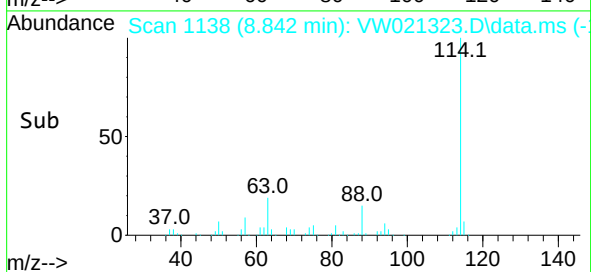
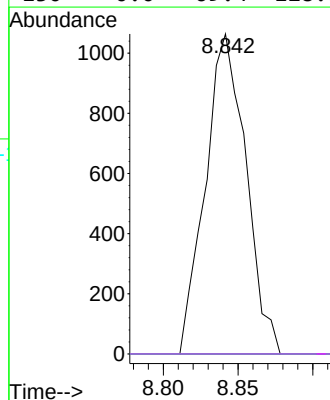
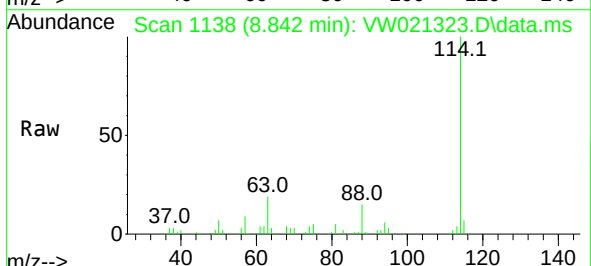
Ion Ratio Lower Upper

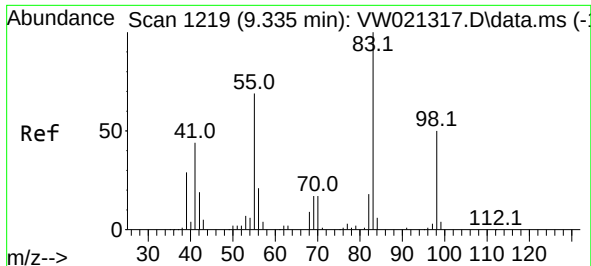
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#

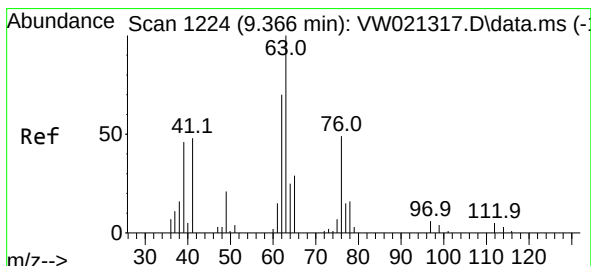
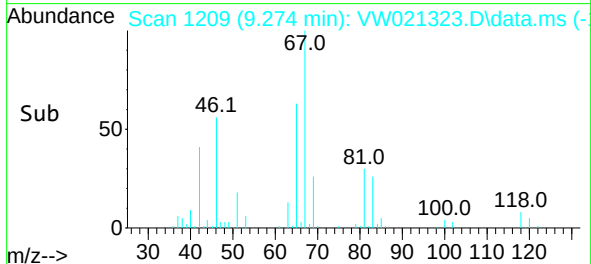
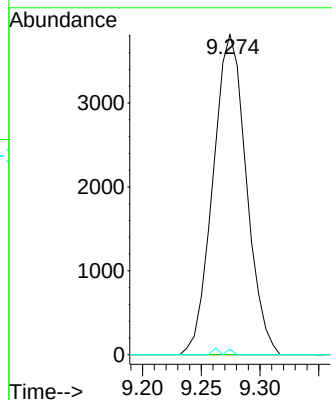
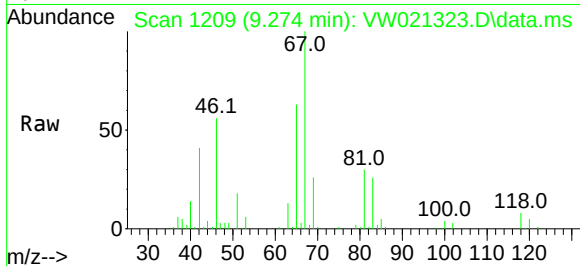




#35
Methylcyclohexane
Concen: 5.070 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021323.D
Acq: 11 Dec 2021 13:40

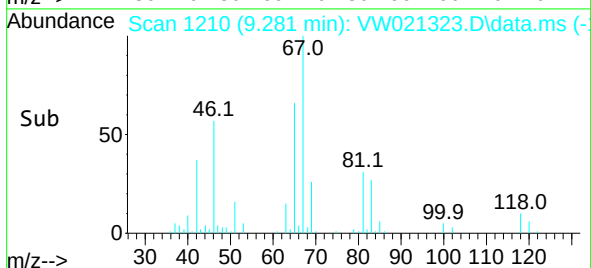
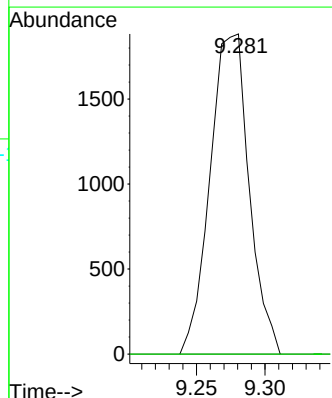
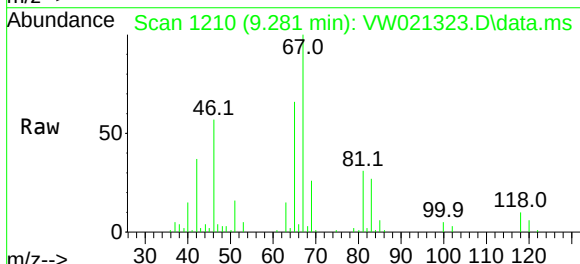
Instrument :
MSVOA_W
ClientSampleId :

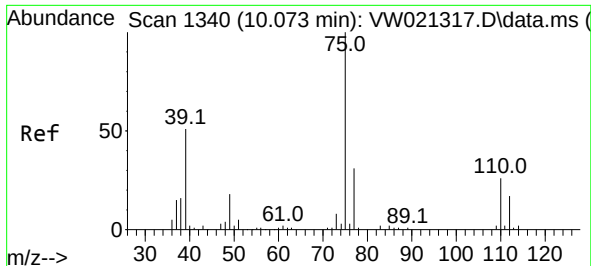
Tgt Ion: 83 Resp: 7539
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.3 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 5.218 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.085 min
Lab File: VW021323.D
Acq: 11 Dec 2021 13:40

Tgt Ion: 63 Resp: 3738
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.929 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021323.D

Acq: 11 Dec 2021 13:40

Instrument :

MSVOA_W

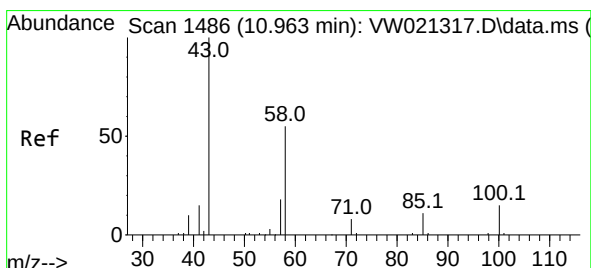
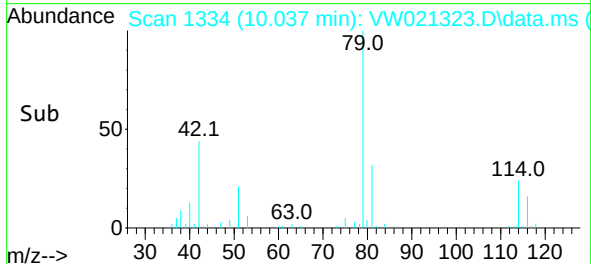
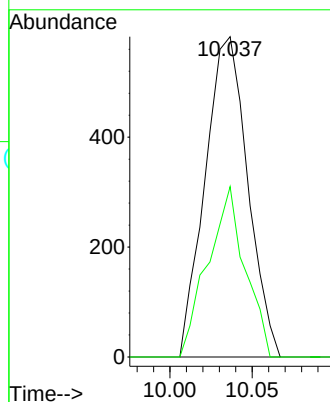
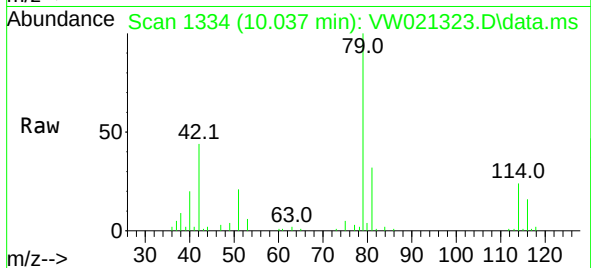
ClientSampleId :

Tgt Ion: 75 Resp: 1049

Ion Ratio Lower Upper

75 100

77 53.2 21.8 40.6#



#48

2-Hexanone

Concen: 3.833 ug/L

RT: 10.920 min Scan# 1479

Delta R.T. -0.049 min

Lab File: VW021323.D

Acq: 11 Dec 2021 13:40

Tgt Ion: 43 Resp: 1085

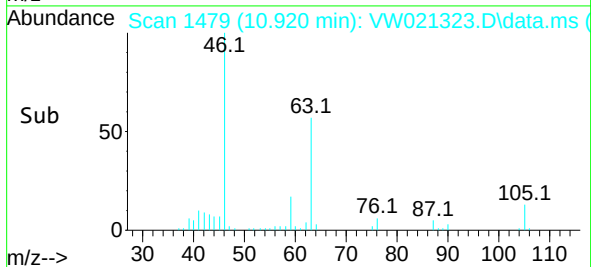
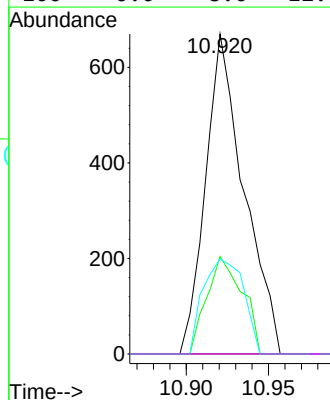
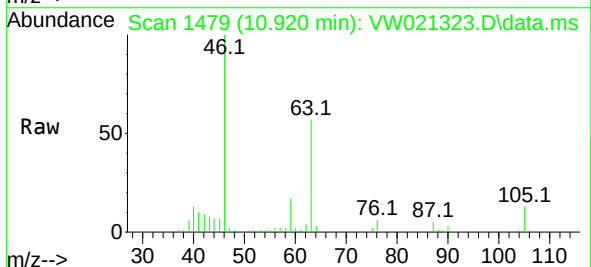
Ion Ratio Lower Upper

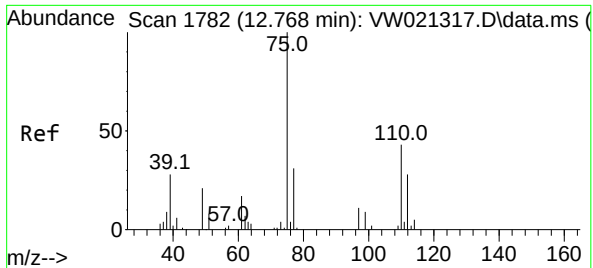
43 100

58 28.4 40.2 60.2#

57 31.2 14.3 21.5#

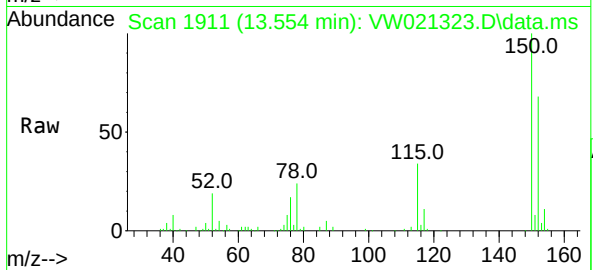
100 0.0 8.0 12.0#





#61
 1,2,3-Trichloropropane
 Concen: 8.246 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.786 min
 Lab File: VW021323.D
 Acq: 11 Dec 2021 13:40

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	2685
Ion	Ratio	Lower	Upper
75	100		
77	33.8	25.8	38.8
110	0.0	29.0	43.4#

