

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021324.D
 Acq On : 11 Dec 2021 14:04
 Operator : SY/VA
 Sample : M5062-01
 Misc : 6.01g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 08:07:50 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)

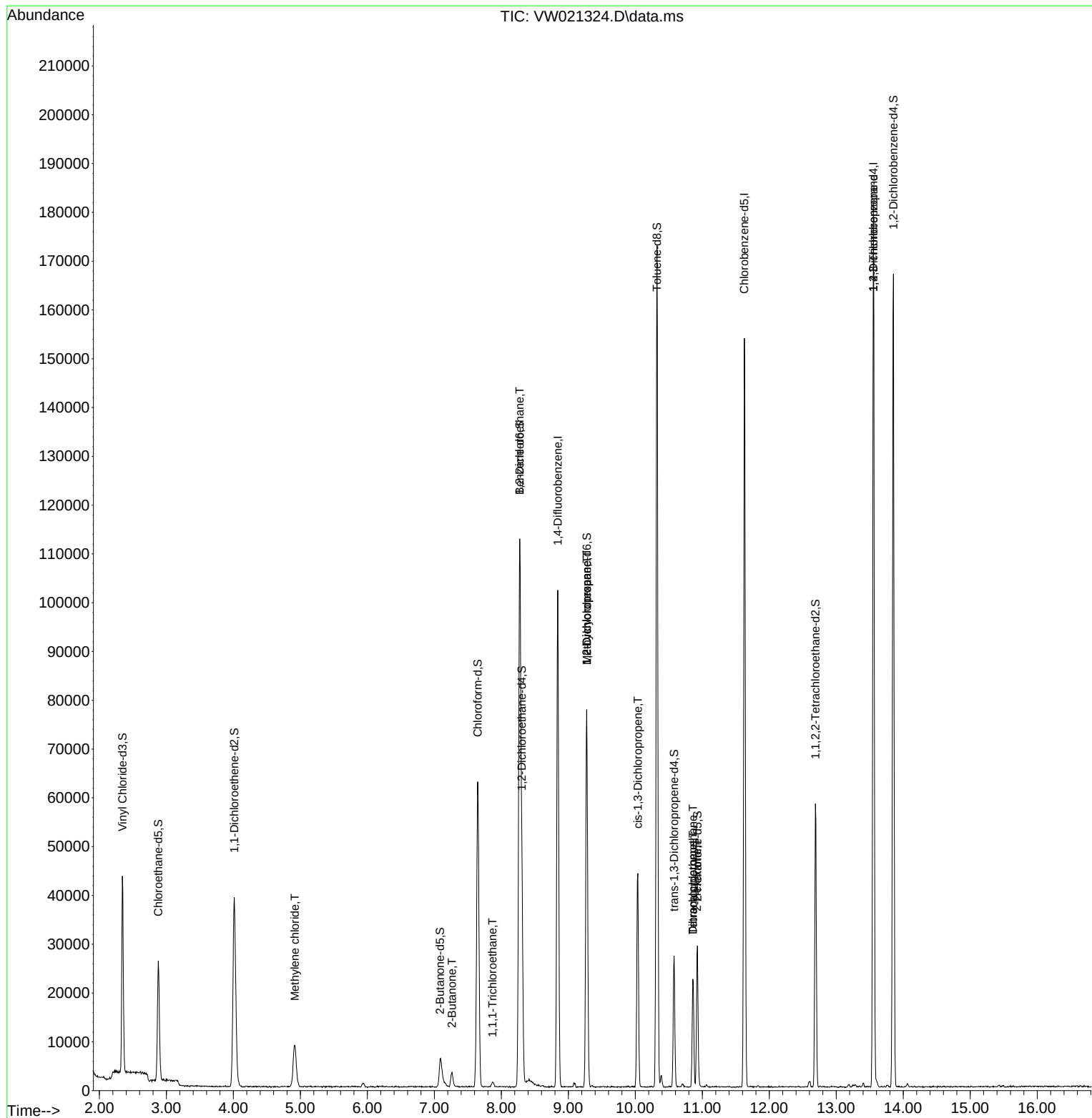
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	85763	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	86158	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	46267	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	40132	25.693	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.760%	
7) Chloroethane-d5	2.879	69	28172	27.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 109.120%	
11) 1,1-Dichloroethene-d2	4.013	63	35605	17.098	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 68.400%	
21) 2-Butanone-d5	7.086	46	11182	50.787	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.580%	
24) Chloroform-d	7.647	84	61311	25.653	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 102.600%	
26) 1,2-Dichloroethane-d4	8.305	65	31423	24.717	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 98.880%	
32) Benzene-d6	8.275	84	115200	24.393	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 97.560%	
36) 1,2-Dichloropropane-d6	9.275	67	32048	25.303	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 101.200%	
41) Toluene-d8	10.323	98	113670	23.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 94.240%	
43) trans-1,3-Dichloroprop...	10.579	79	14266	24.463	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 97.840%	
47) 2-Hexanone-d5	10.927	63	9485	50.644	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.280%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	26814	24.628	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 98.520%	
66) 1,2-Dichlorobenzene-d4	13.853	152	41945	23.392	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 93.560%	
Target Compounds						Qvalue
16) Methylene chloride	4.916	84	7407	5.227	ug/L	79
22) 2-Butanone	7.263	43	4453	17.275	ug/L #	52
27) 1,2-Dichloroethane	8.275	62	774	0.583	ug/L #	77
30) 1,1,1-Trichloroethane	7.866	97	1027	0.531	ug/L	92
35) Methylcyclohexane	9.275	83	8888	4.090	ug/L #	14
37) 1,2-Dichloropropane	9.275	63	4237	4.047	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1337	0.810	ug/L #	71
46) Tetrachloroethene	10.860	164	5325	4.255	ug/L	83
48) 2-Hexanone	10.921	43	1333	3.222	ug/L #	67
49) Dibromochloromethane	10.860	129	4065	3.848	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	5578	8.284	ug/L #	68

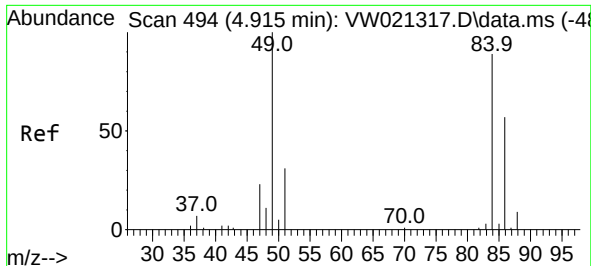
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
ClientSampleId :

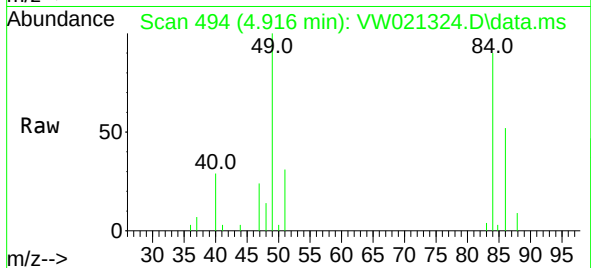
Quant Time: Dec 12 08:07:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
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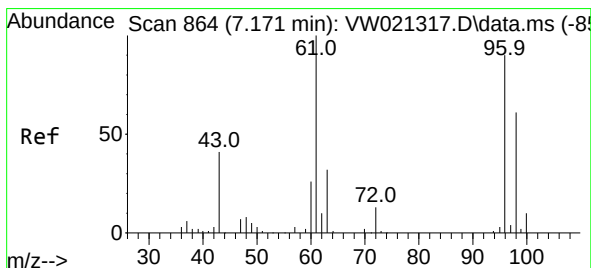
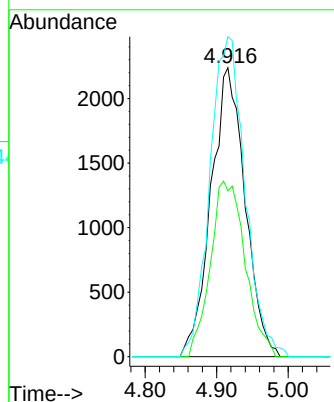
#16
Methylene chloride
Concen: 5.227 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021324.D
Acq: 11 Dec 2021 14:04

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 7407

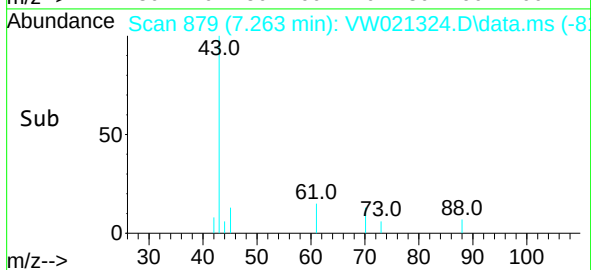
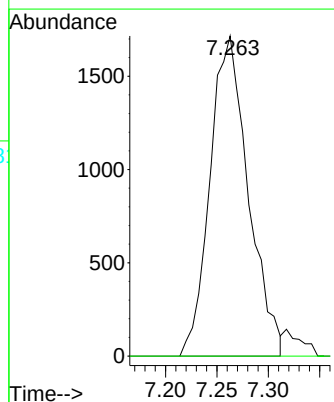
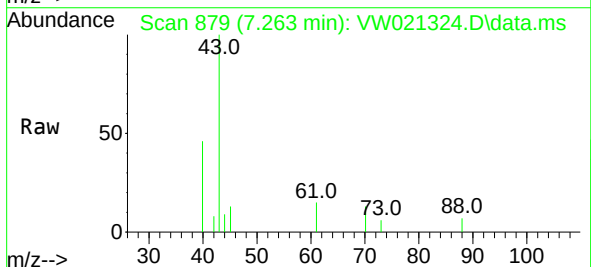
Ion	Ratio	Lower	Upper
84	100		
86	57.5	45.5	84.5
49	110.8	100.5	186.7

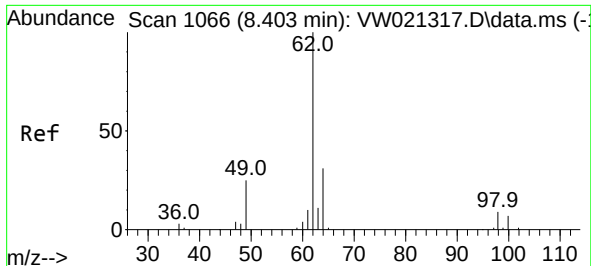


#22
2-Butanone
Concen: 17.275 ug/L
RT: 7.263 min Scan# 879
Delta R.T. 0.091 min
Lab File: VW021324.D
Acq: 11 Dec 2021 14:04

Tgt Ion: 43 Resp: 4453

Ion	Ratio	Lower	Upper
43	100		
72	0.0	11.8	35.4#





#27

1,2-Dichloroethane

Concen: 0.583 ug/L

RT: 8.275 min Scan# 1045

Delta R.T. -0.128 min

Lab File: VW021324.D

Acq: 11 Dec 2021 14:04

Instrument :

MSVOA_W

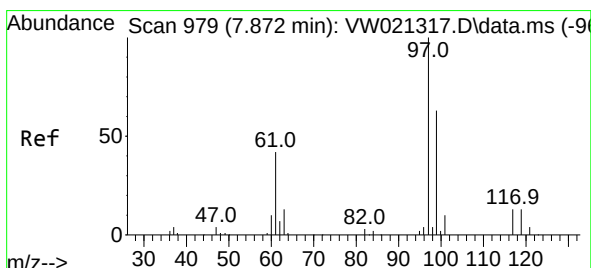
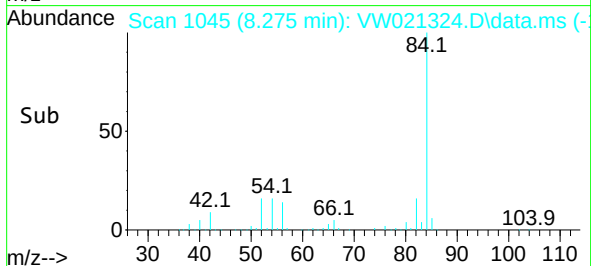
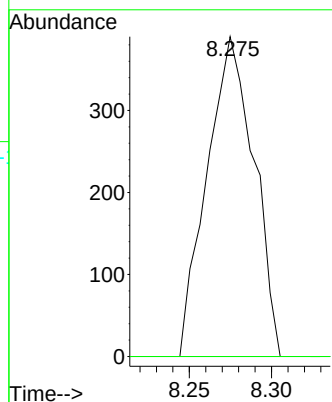
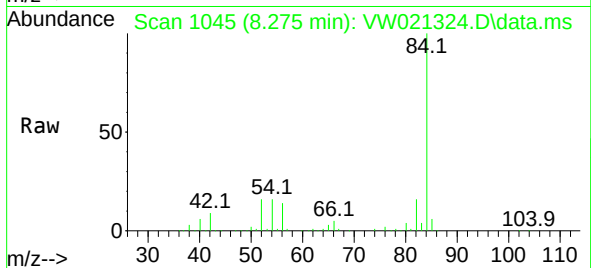
ClientSampleId :

Tgt Ion: 62 Resp: 774

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#30

1,1,1-Trichloroethane

Concen: 0.531 ug/L

RT: 7.866 min Scan# 978

Delta R.T. -0.006 min

Lab File: VW021324.D

Acq: 11 Dec 2021 14:04

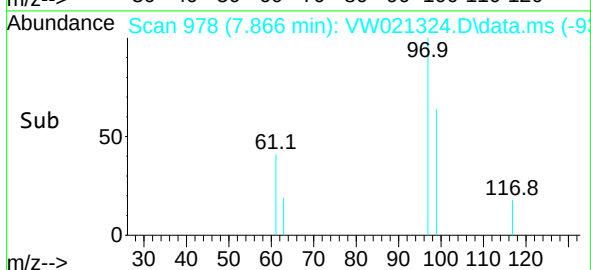
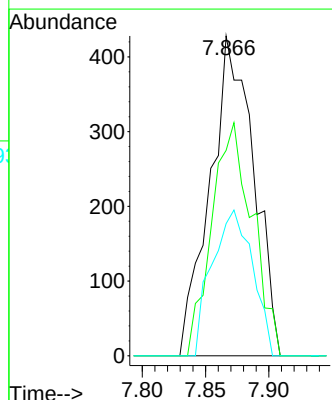
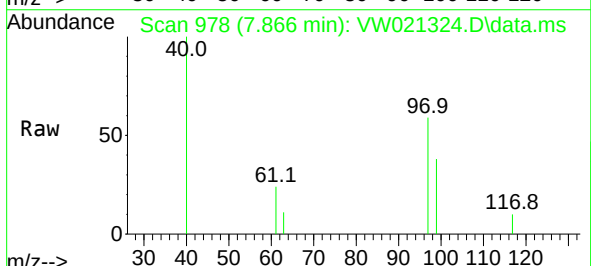
Tgt Ion: 97 Resp: 1027

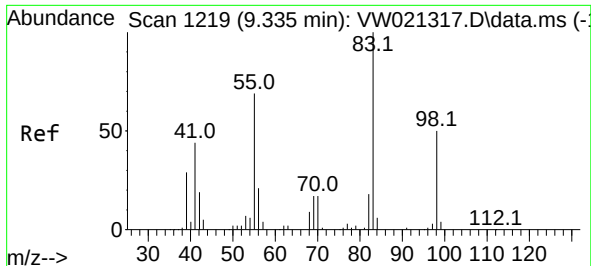
Ion Ratio Lower Upper

97 100

99 67.6 51.6 77.4

61 42.5 40.9 61.3





#35

Methylcyclohexane

Concen: 4.090 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021324.D

Acq: 11 Dec 2021 14:04

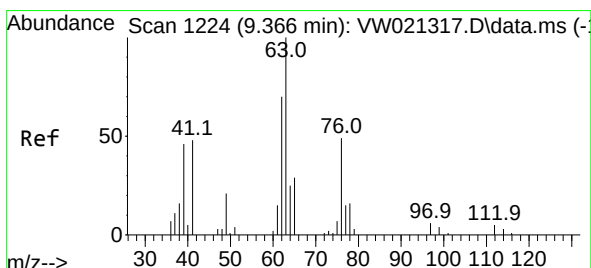
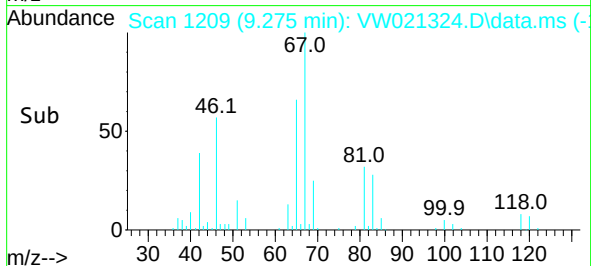
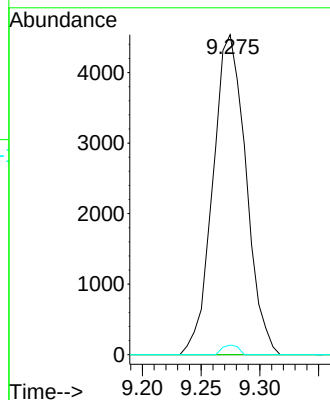
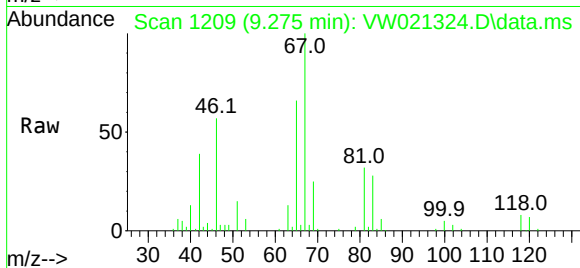
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83 Resp: 8888

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: 4.047 ug/L

RT: 9.275 min Scan# 1209

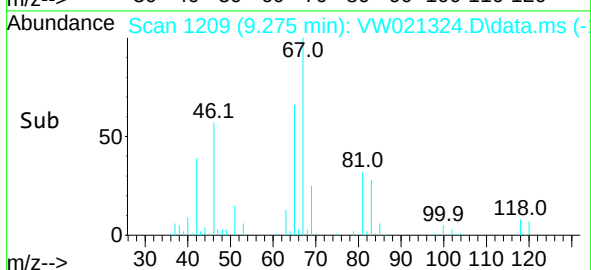
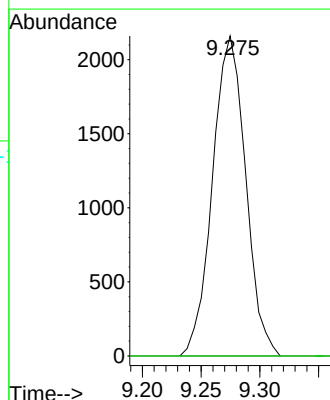
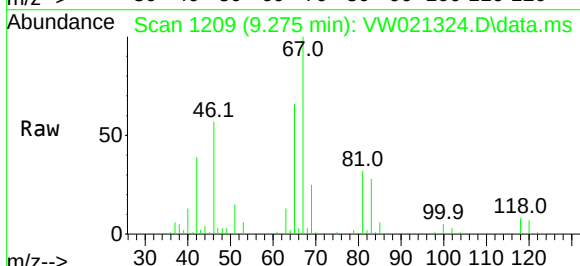
Delta R.T. -0.091 min

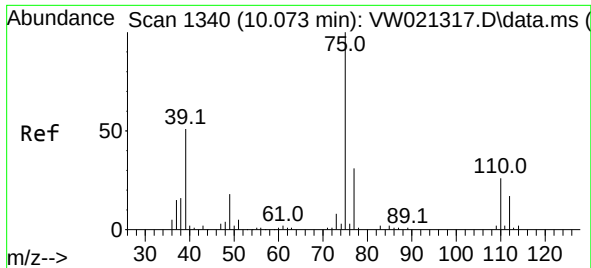
Lab File: VW021324.D

Acq: 11 Dec 2021 14:04

Tgt Ion: 63 Resp: 4237

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.810 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021324.D

Acq: 11 Dec 2021 14:04

Instrument :

MSVOA_W

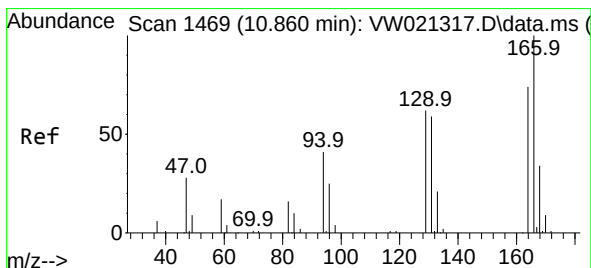
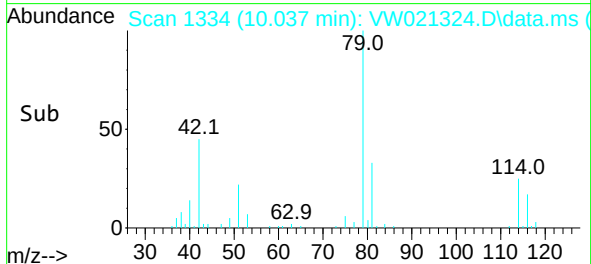
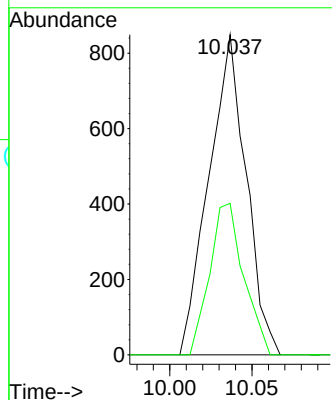
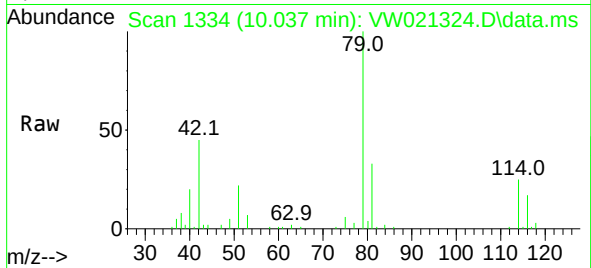
ClientSampleId :

Tgt Ion: 75 Resp: 1337

Ion Ratio Lower Upper

75 100

77 47.3 21.8 40.6#



#46

Tetrachloroethene

Concen: 4.255 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021324.D

Acq: 11 Dec 2021 14:04

Tgt Ion:164 Resp: 5325

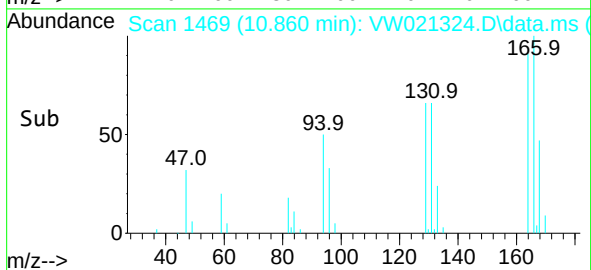
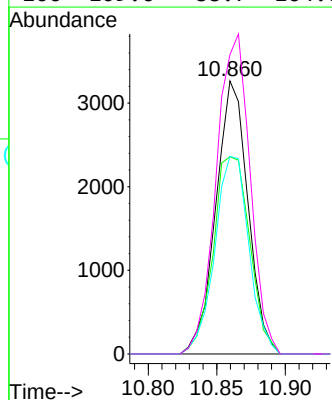
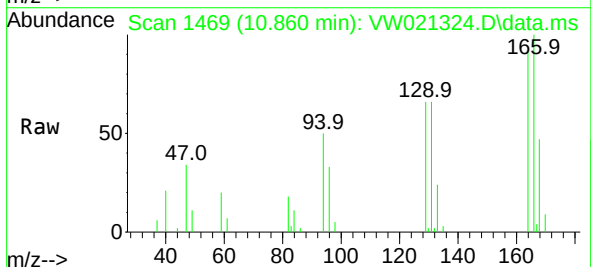
Ion Ratio Lower Upper

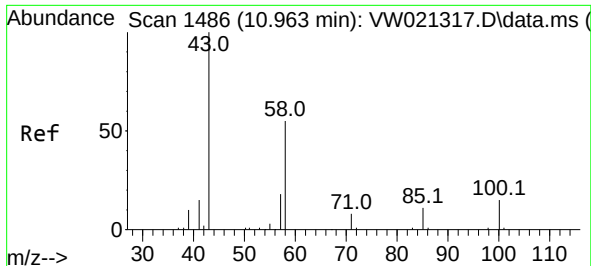
164 100

129 72.3 65.5 121.7

131 72.4 59.7 110.9

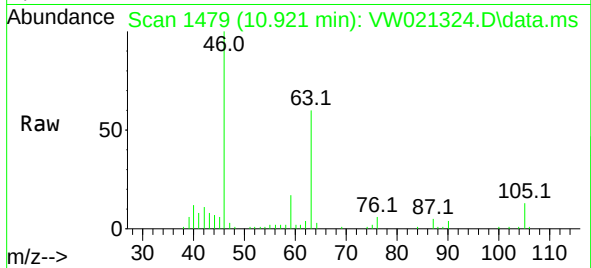
166 109.6 88.7 164.7



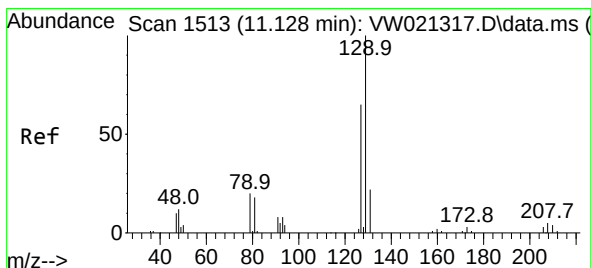
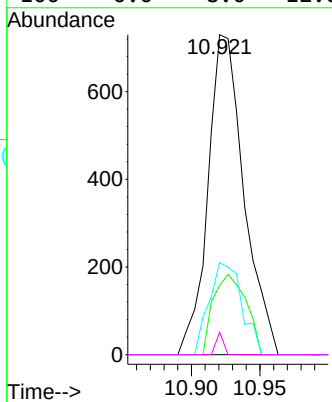
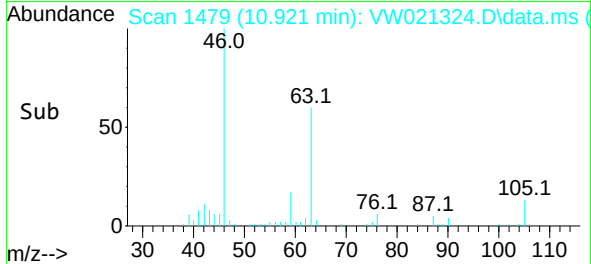


#48
2-Hexanone
Concen: 3.222 ug/L
RT: 10.921 min Scan# 1469
Delta R.T. -0.049 min
Lab File: VW021324.D
Acq: 11 Dec 2021 14:04

Instrument :
MSVOA_W
ClientSampleId :

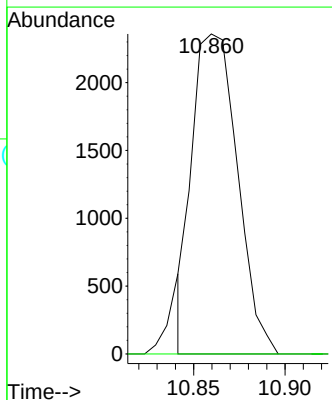
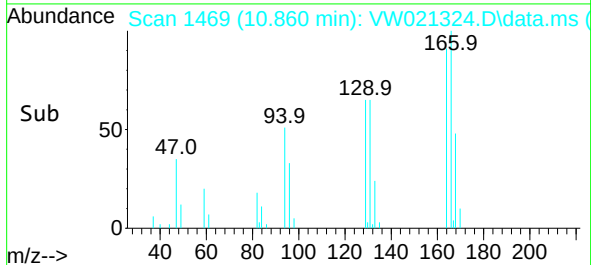
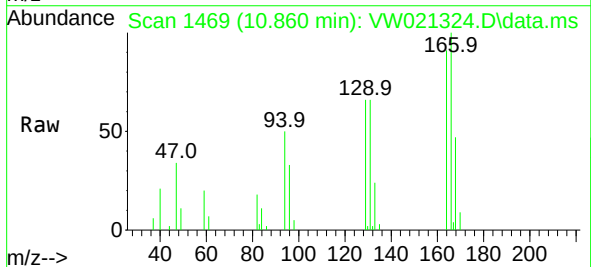


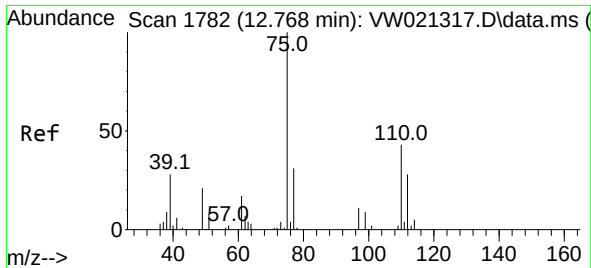
Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
58 22.9 40.2 60.2#
57 26.2 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 3.848 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021324.D
Acq: 11 Dec 2021 14:04

Tgt Ion: 129 Resp: 4065
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 8.284 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

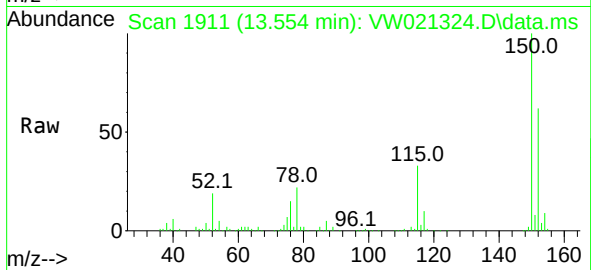
Lab File: VW021324.D

Acq: 11 Dec 2021 14:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 75 Resp: 5578

Ion Ratio Lower Upper

75 100

77 34.7 25.8 38.8

110 2.3 29.0 43.4#

