

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120621\
 Data File : VW021184.D
 Acq On : 06 Dec 2021 22:02
 Operator : SY/VA
 Sample : M4888-12
 Misc : 6.12g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8B7

Quant Time: Dec 07 07:50:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 07 07:23:32 2021
 Response via : Initial Calibration

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

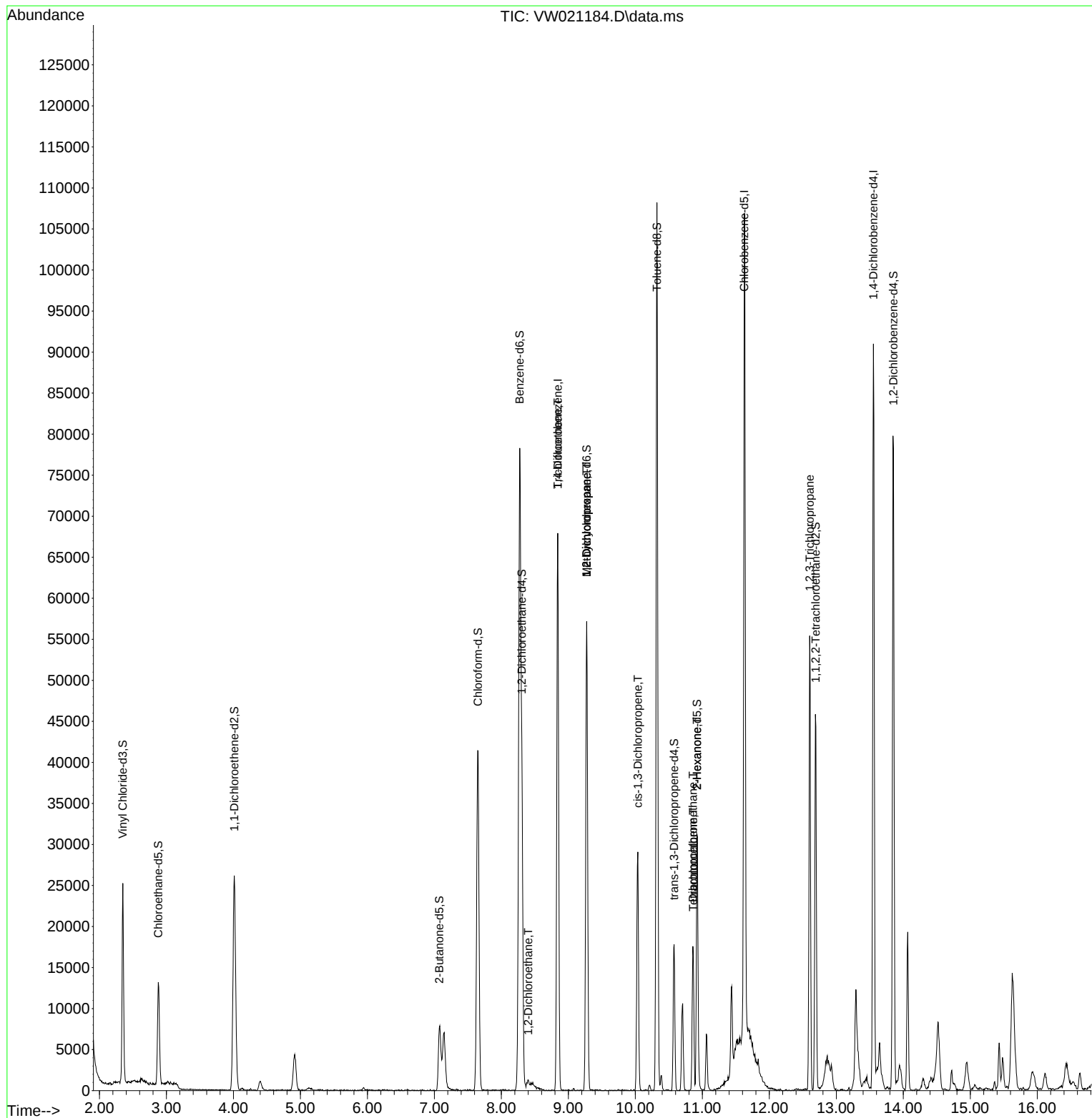
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	57853	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	54571	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	24597	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	21855	27.114	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 108.440%	
7) Chloroethane-d5	2.879	69	13955	25.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.440%	
11) 1,1-Dichloroethene-d2	4.013	63	24327	18.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 75.560%	
21) 2-Butanone-d5	7.074	46	13540	73.645	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 147.280%#	
24) Chloroform-d	7.653	84	41555	28.681	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 114.720%	
26) 1,2-Dichloroethane-d4	8.305	65	27528	34.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 138.920%#	
32) Benzene-d6	8.275	84	76563	27.439	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.760%	
36) 1,2-Dichloropropane-d6	9.274	67	23879	30.795	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 123.200%#	
41) Toluene-d8	10.323	98	69222	24.194	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 96.760%	
43) trans-1,3-Dichloroprop...	10.579	79	9477	26.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 107.680%	
47) 2-Hexanone-d5	10.920	63	10581	71.322	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 142.640%#	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	20198	28.156	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 112.640%	
66) 1,2-Dichlorobenzene-d4	13.853	152	21290	24.157	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.640%	
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	8.403	62	574	0.617	ug/L	# 77
34) Trichloroethene	8.842	95	1659	1.938	ug/L	# 5
35) Methylcyclohexane	9.274	83	6442	4.470	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	3072	4.380	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	911	0.803	ug/L	# 81
46) Tetrachloroethene	10.866	164	4048	5.164	ug/L	95
48) 2-Hexanone	10.920	43	1516	4.398	ug/L	# 69
49) Dibromochloromethane	10.859	129	3215	4.374	ug/L	# 10
61) 1,2,3-Trichloropropane	12.603	75	576	1.398	ug/L	# 82

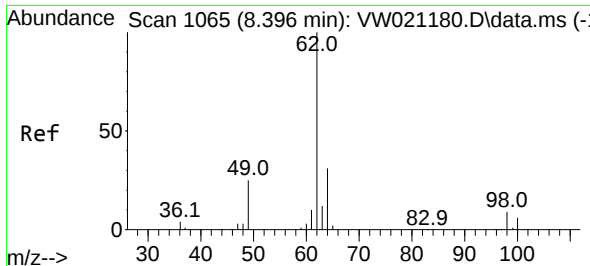
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Dec 07 07:23:32 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.617 ug/L

RT: 8.403 min Scan# 1138

Delta R.T. 0.006 min

Lab File: VW021184.D

Acq: 06 Dec 2021 22:02

Instrument :

MSVOA_W

ClientSampleId :

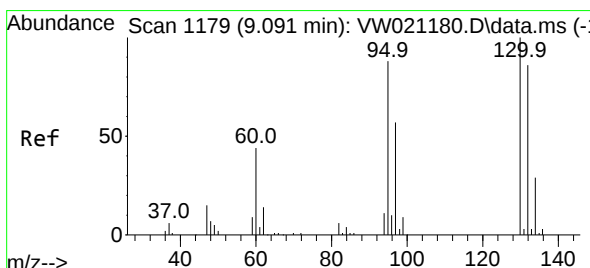
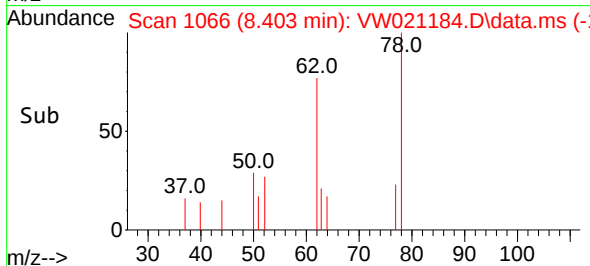
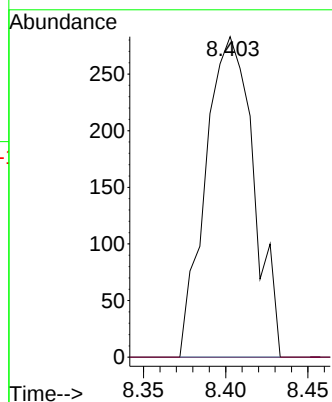
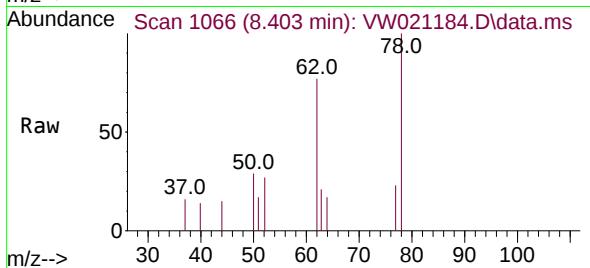
EX8B7

Tgt Ion: 62 Resp: 574

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.938 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021184.D

Acq: 06 Dec 2021 22:02

Tgt Ion: 95 Resp: 1659

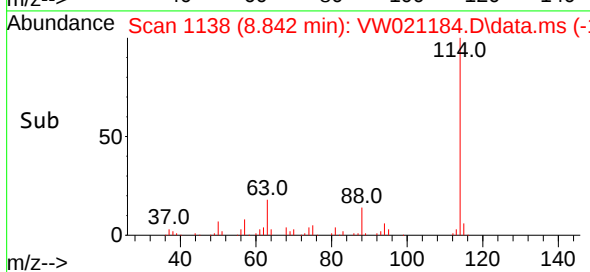
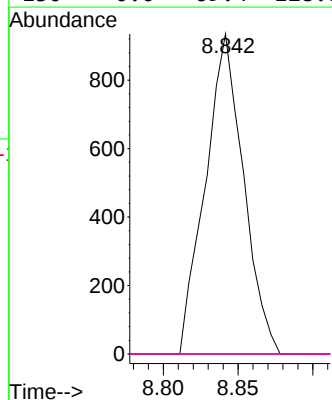
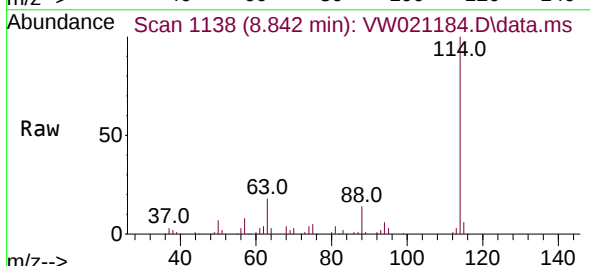
Ion Ratio Lower Upper

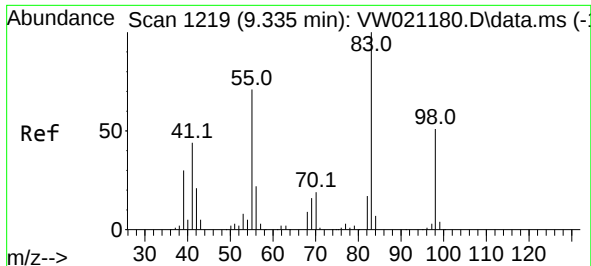
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 4.470 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021184.D

Acq: 06 Dec 2021 22:02

Instrument :

MSVOA_W

ClientSampleId :

EX8B7

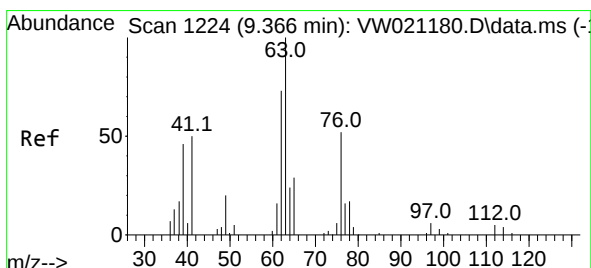
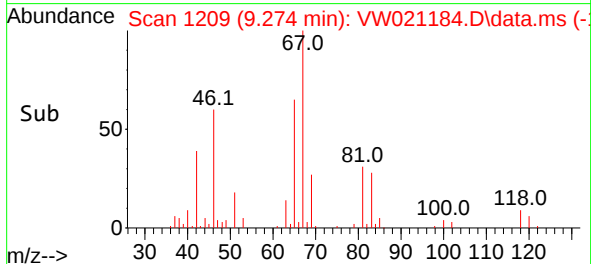
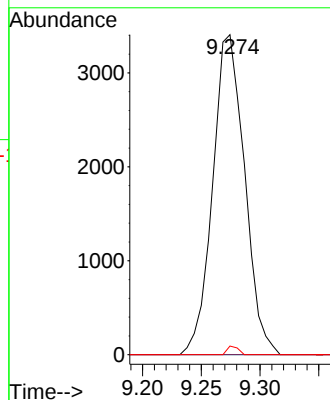
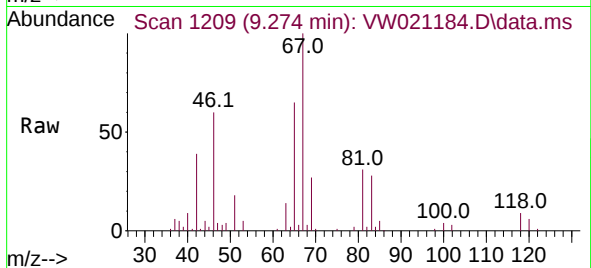
Tgt Ion: 83 Resp: 6442

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: 4.380 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.091 min

Lab File: VW021184.D

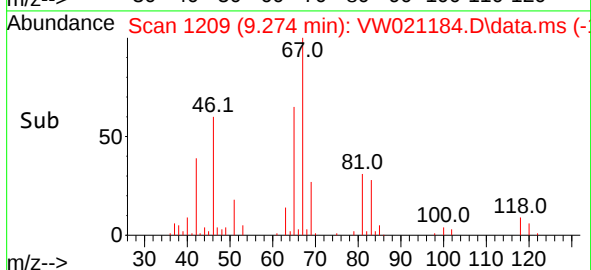
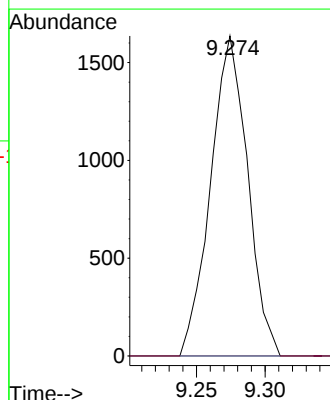
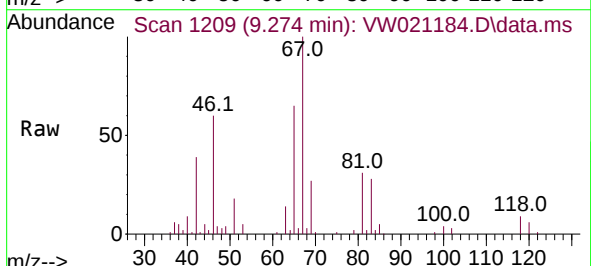
Acq: 06 Dec 2021 22:02

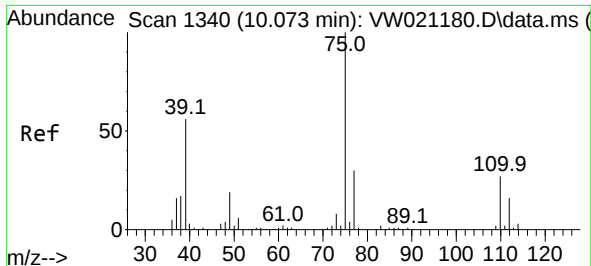
Tgt Ion: 63 Resp: 3072

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

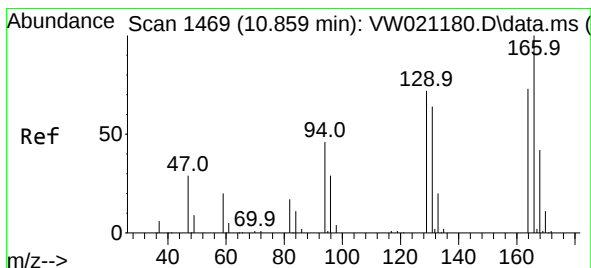
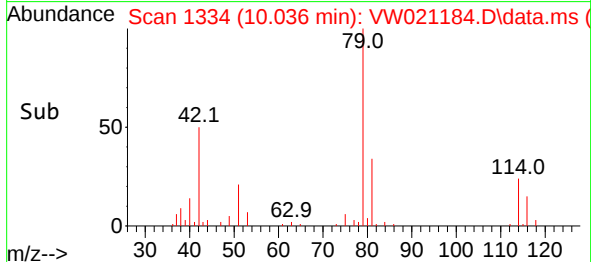
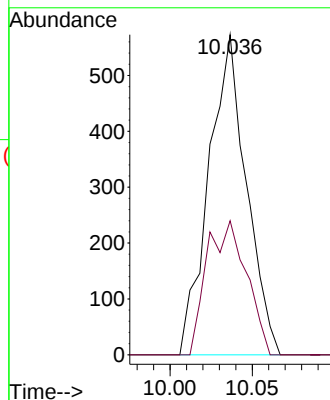
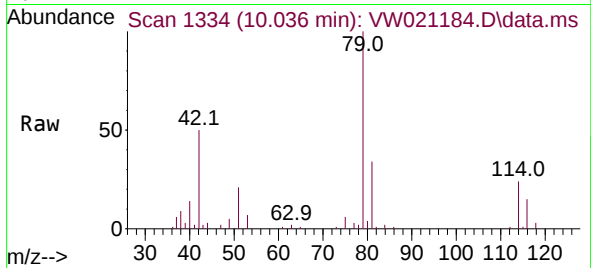




#39
 cis-1,3-Dichloropropene
 Concen: 0.803 ug/L
 RT: 10.036 min Scan# 11
 Delta R.T. -0.037 min
 Lab File: VW021184.D
 Acq: 06 Dec 2021 22:02

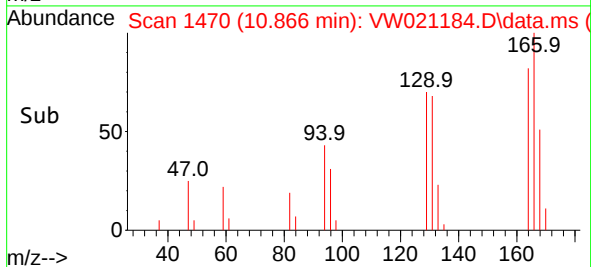
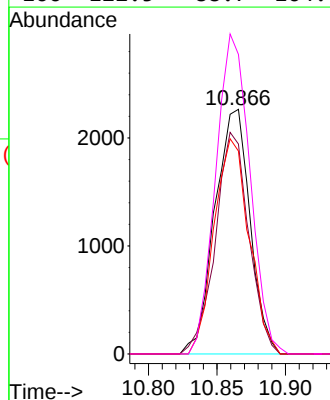
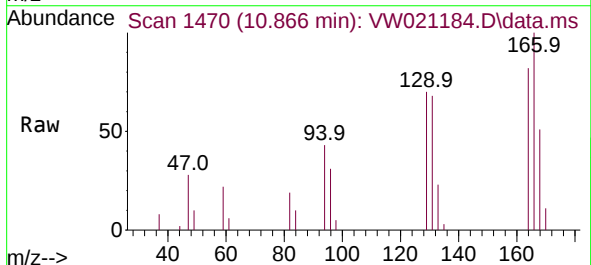
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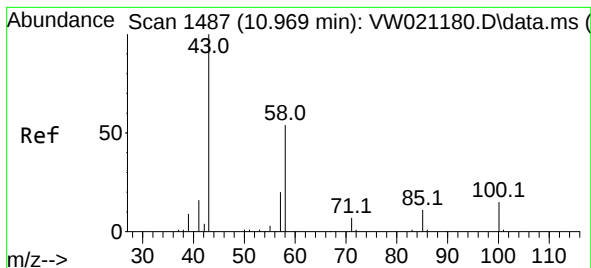
Tgt Ion: 75 Resp: 911
 Ion Ratio Lower Upper
 75 100
 77 41.9 21.8 40.6#



#46
 Tetrachloroethene
 Concen: 5.164 ug/L
 RT: 10.866 min Scan# 1470
 Delta R.T. 0.006 min
 Lab File: VW021184.D
 Acq: 06 Dec 2021 22:02

Tgt Ion:164 Resp: 4048
 Ion Ratio Lower Upper
 164 100
 129 85.8 65.5 121.7
 131 83.0 59.7 110.9
 166 122.5 88.7 164.7





#48

2-Hexanone

Concen: 4.398 ug/L

RT: 10.920 min Scan# 14

Delta R.T. -0.049 min

Lab File: VW021184.D

Acq: 06 Dec 2021 22:02

Instrument :

MSVOA_W

ClientSampleId :

EX8B7

Tgt Ion: 43 Resp: 1516

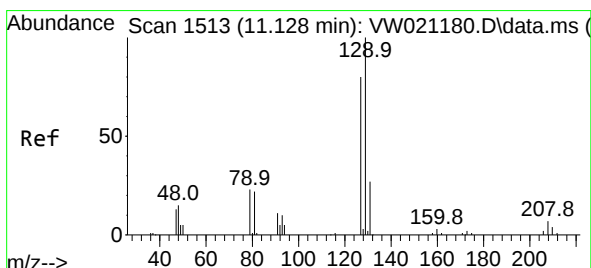
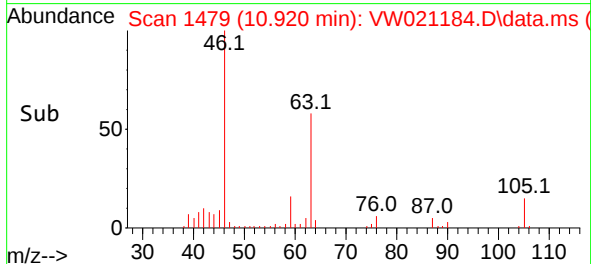
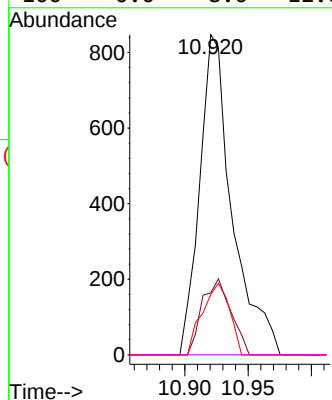
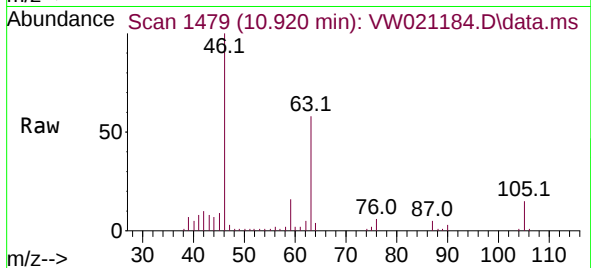
Ion Ratio Lower Upper

43 100

58 21.0 40.2 60.2#

57 18.7 14.3 21.5

100 0.0 8.0 12.0#



#49

Dibromochloromethane

Concen: 4.374 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW021184.D

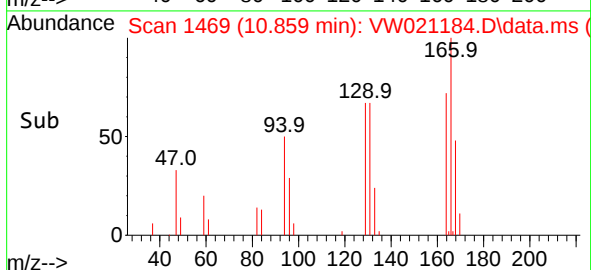
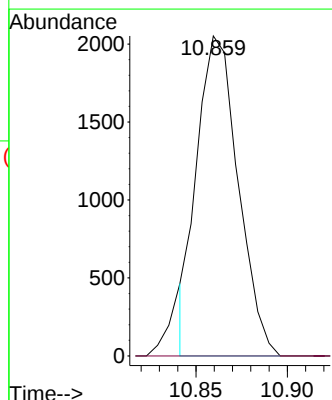
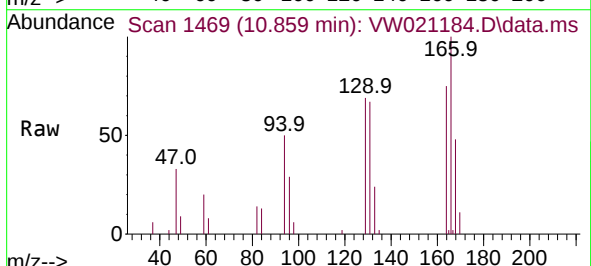
Acq: 06 Dec 2021 22:02

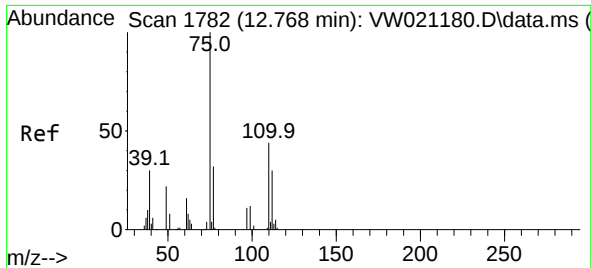
Tgt Ion:129 Resp: 3215

Ion Ratio Lower Upper

129 100

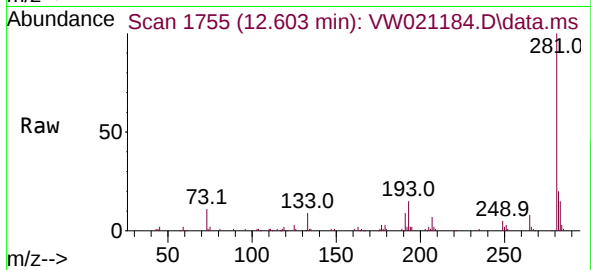
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.398 ug/L
 RT: 12.603 min Scan# 11
 Delta R.T. -0.165 min
 Lab File: VW021184.D
 Acq: 06 Dec 2021 22:02

Instrument :
 MSVOA_W
 ClientSampleId :
 EX8B7



Tgt Ion:	75	Resp:	576
Ion	Ratio	Lower	Upper
75	100		
77	19.3	25.8	38.8#
110	28.1	29.0	43.4#

