

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021307.D
 Acq On : 11 Dec 2021 02:01
 Operator : SY/VA
 Sample : M5023-06
 Misc : 6.29g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 03:28:49 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)

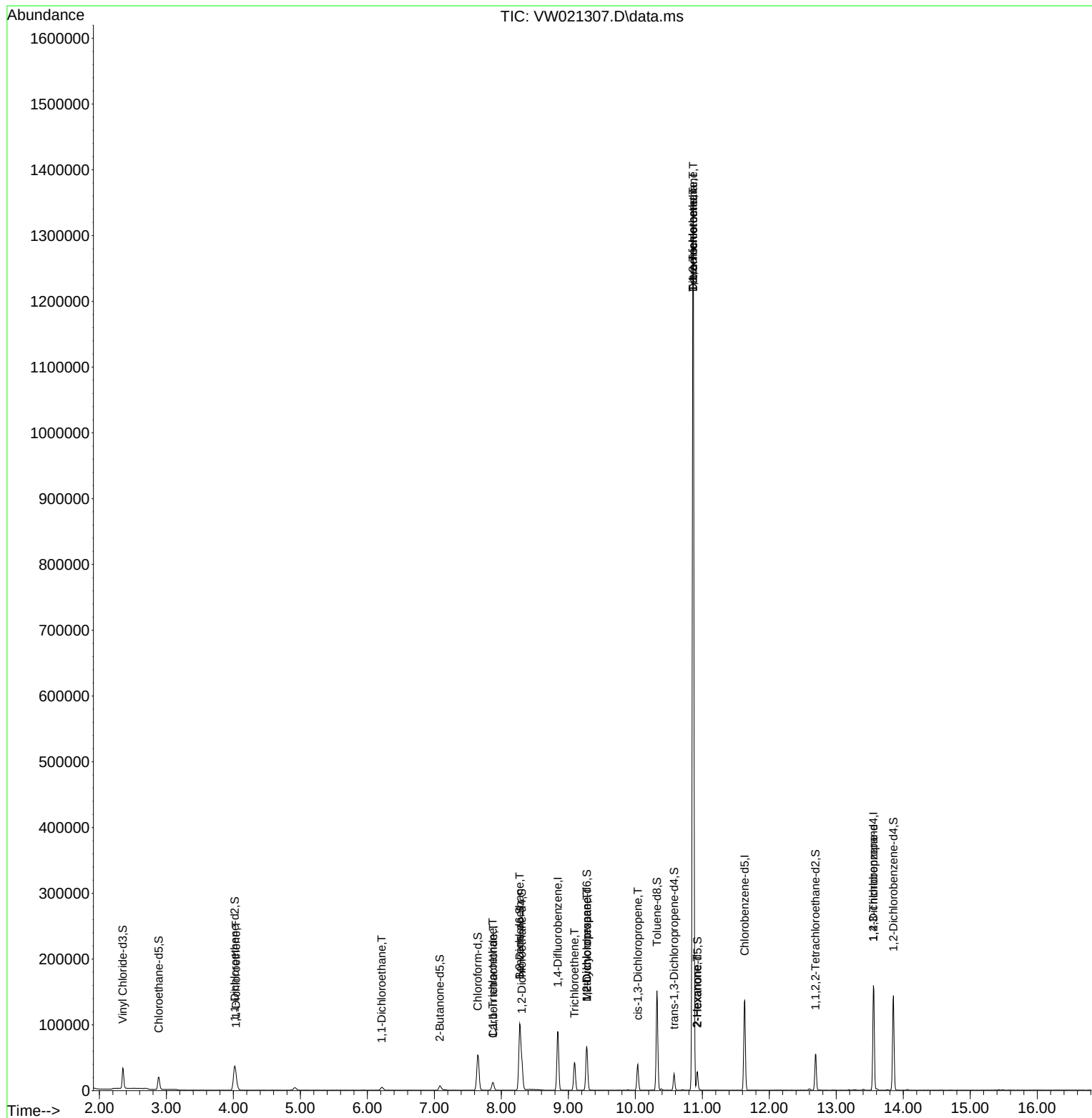
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	76043	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	78713	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	42682	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	29528	21.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.280%
7) Chloroethane-d5	2.885	69	22041	24.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.280%
11) 1,1-Dichloroethene-d2	4.019	63	32611	17.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.640%
21) 2-Butanone-d5	7.080	46	11095	56.833	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.660%
24) Chloroform-d	7.647	84	54464	25.701	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	8.305	65	28481	25.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.080%
32) Benzene-d6	8.275	84	100715	23.343	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	9.274	67	28381	24.528	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	10.323	98	97085	22.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.080%
43) trans-1,3-Dichloroprop...	10.579	79	12815	24.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.200%
47) 2-Hexanone-d5	10.927	63	9523	55.656	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25621	25.758	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	37961	22.949	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.038	96	4543	4.820	ug/L #	4
19) 1,1-Dichloroethane	6.214	63	5980	3.734	ug/L	96
27) 1,2-Dichloroethane	8.275	62	654	0.556	ug/L #	77
30) 1,1,1-Trichloroethane	7.872	97	9262	5.244	ug/L	95
31) Carbon tetrachloride	7.878	117	1184	0.727	ug/L	93
34) Trichloroethene	9.092	95	13415	11.145	ug/L	96
35) Methylcyclohexane	9.274	83	7666	3.861	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	3625	3.790	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1115	0.740	ug/L	84
45) 1,1,2-Trichloroethane	10.860	97	2643	3.376	ug/L #	21
46) Tetrachloroethene	10.860	164	297162	259.882	ug/L	93
48) 2-Hexanone	10.920	43	1288	3.408	ug/L #	69
49) Dibromochloromethane	10.866	129	262691	272.200	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	5031	8.099	ug/L #	68

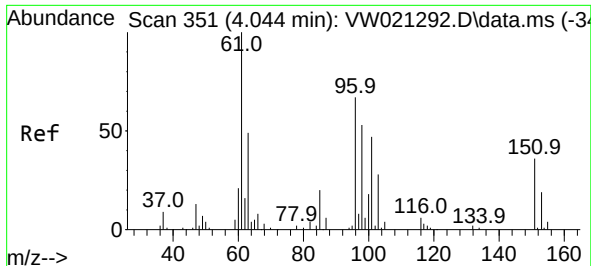
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#12

1,1-Dichloroethene

Concen: 4.820 ug/L

RT: 4.038 min Scan# 351

Delta R.T. -0.006 min

Lab File: VW021307.D

Acq: 11 Dec 2021 02:01

Instrument :

MSVOA_W

ClientSampleId :

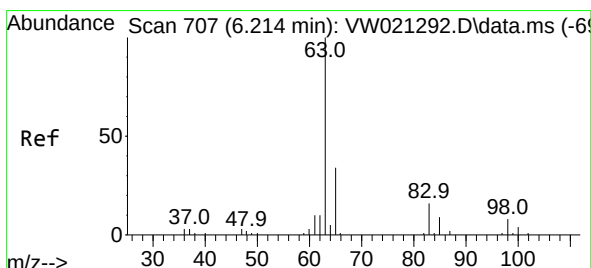
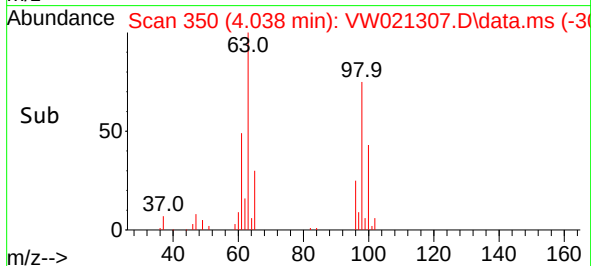
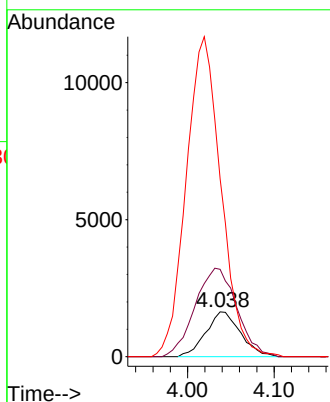
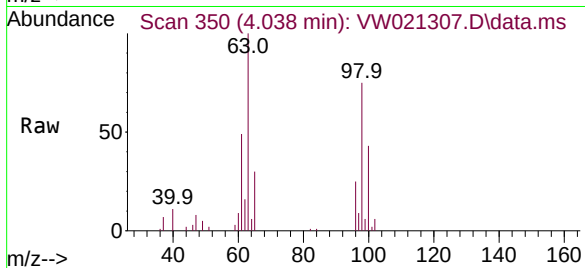
Tgt Ion: 96 Resp: 4543

Ion Ratio Lower Upper

96 100

61 195.1 138.3 256.9

63 397.4 82.6 153.4#



#19

1,1-Dichloroethane

Concen: 3.734 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021307.D

Acq: 11 Dec 2021 02:01

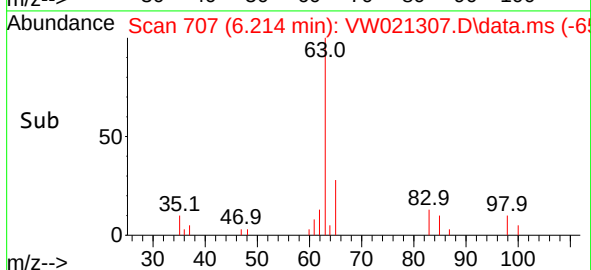
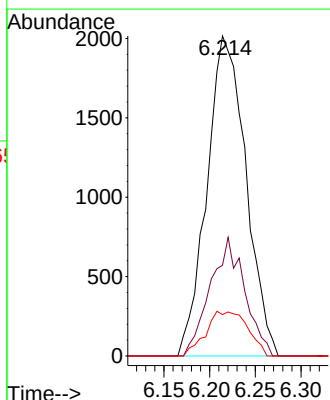
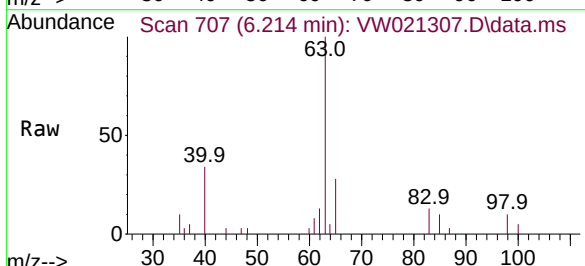
Tgt Ion: 63 Resp: 5980

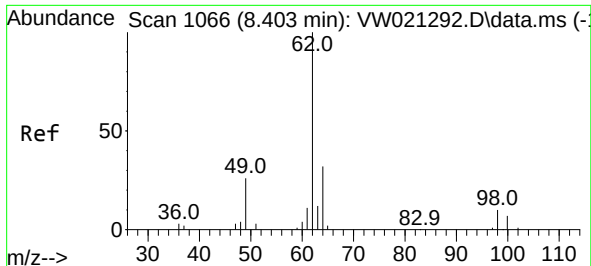
Ion Ratio Lower Upper

63 100

65 28.4 22.1 41.1

83 13.0 9.2 17.2





#27

1,2-Dichloroethane

Concen: 0.556 ug/L

RT: 8.275 min Scan# 1045

Delta R.T. -0.128 min

Lab File: VW021307.D

Acq: 11 Dec 2021 02:01

Instrument :

MSVOA_W

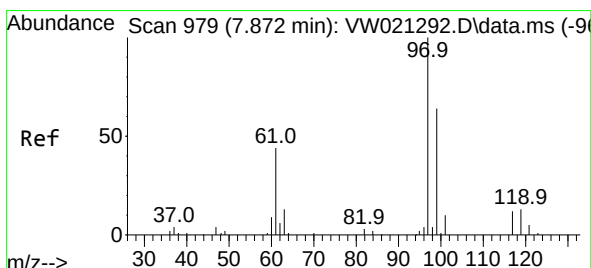
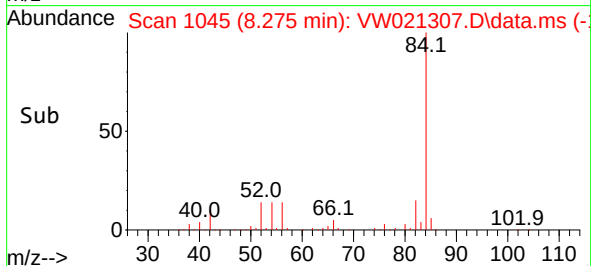
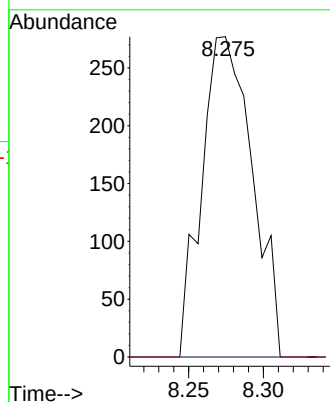
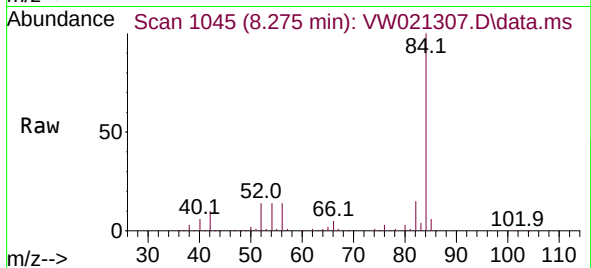
ClientSampleId :

Tgt Ion: 62 Resp: 654

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#30

1,1,1-Trichloroethane

Concen: 5.244 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021307.D

Acq: 11 Dec 2021 02:01

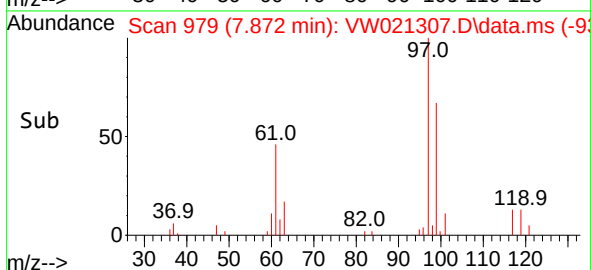
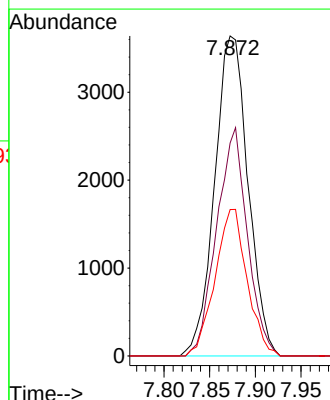
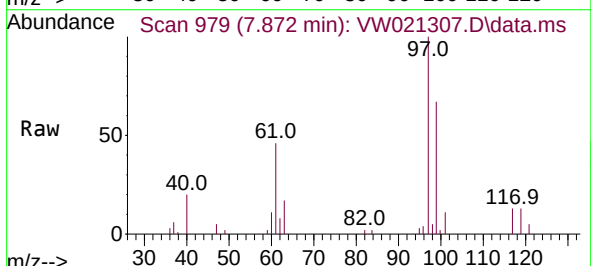
Tgt Ion: 97 Resp: 9262

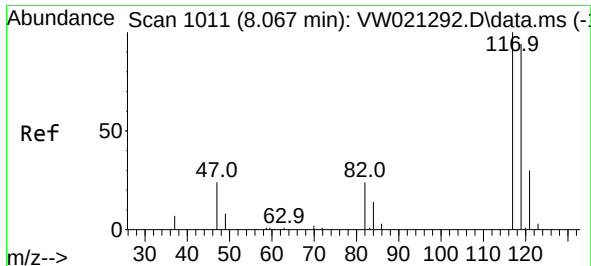
Ion Ratio Lower Upper

97 100

99 65.7 51.6 77.4

61 43.9 40.9 61.3

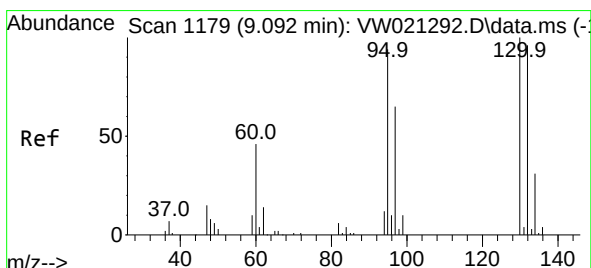
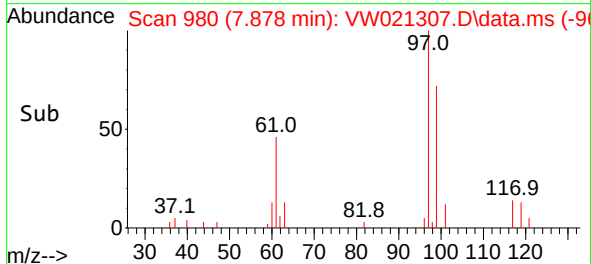
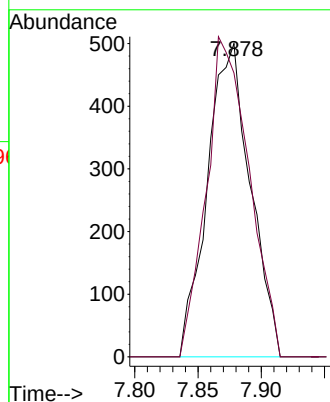
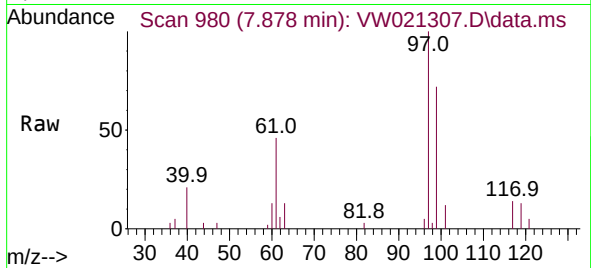




#31
Carbon tetrachloride
Concen: 0.727 ug/L
RT: 7.878 min Scan# 91
Delta R.T. -0.189 min
Lab File: VW021307.D
Acq: 11 Dec 2021 02:01

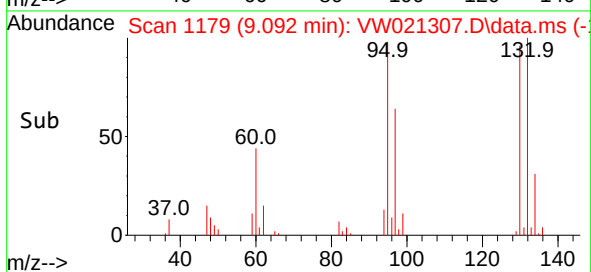
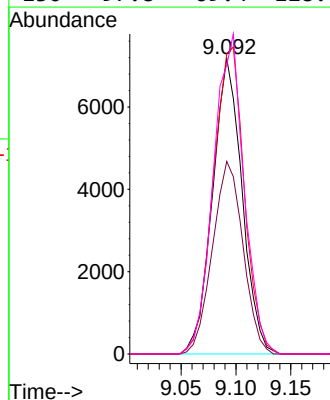
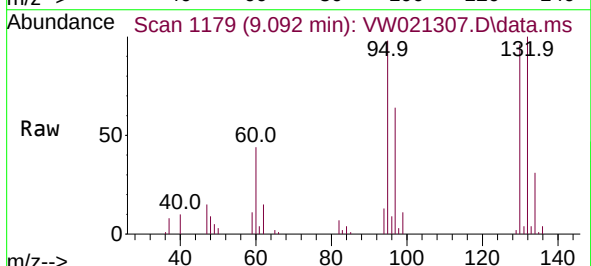
Instrument :
MSVOA_W
ClientSampleId :

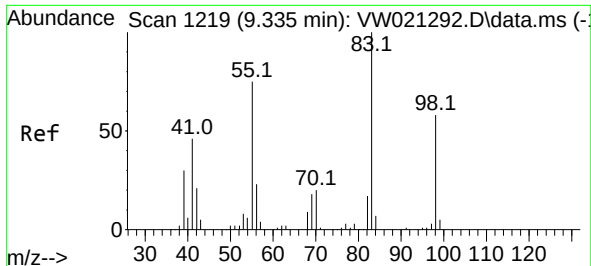
Tgt Ion:117 Resp: 1184
Ion Ratio Lower Upper
117 100
119 101.8 75.7 113.5



#34
Trichloroethene
Concen: 11.145 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021307.D
Acq: 11 Dec 2021 02:01

Tgt Ion: 95 Resp: 13415
Ion Ratio Lower Upper
95 100
97 65.1 47.0 87.2
132 101.6 65.5 121.6
130 97.8 69.4 128.8

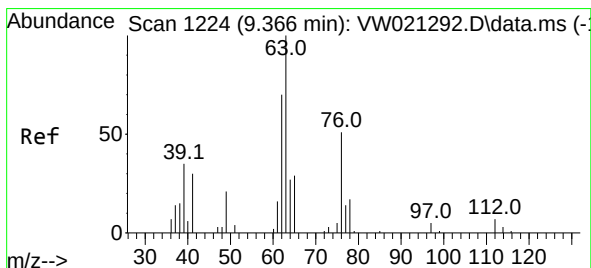
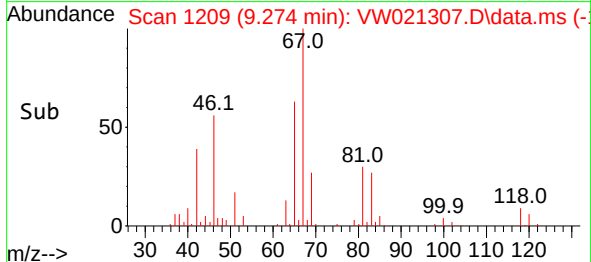
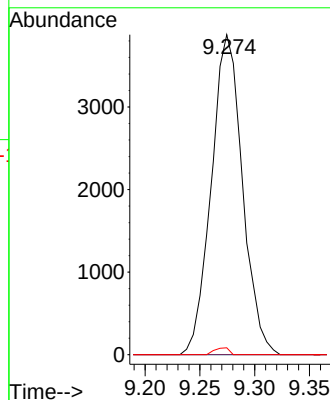
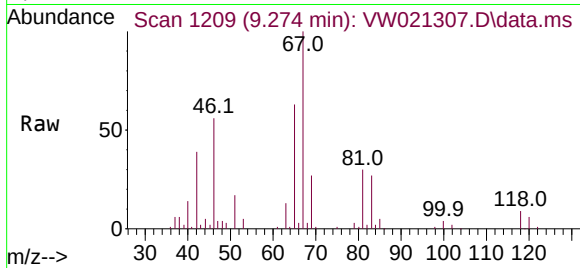




#35
Methylcyclohexane
Concen: 3.861 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021307.D
Acq: 11 Dec 2021 02:01

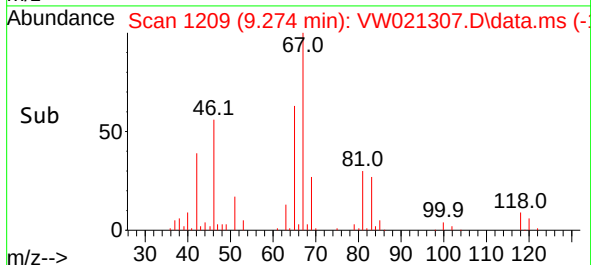
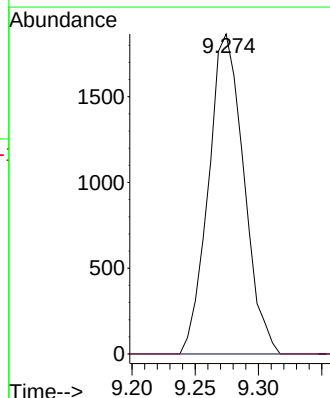
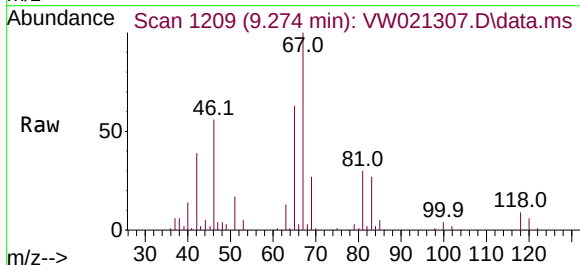
Instrument :
MSVOA_W
ClientSampleId :

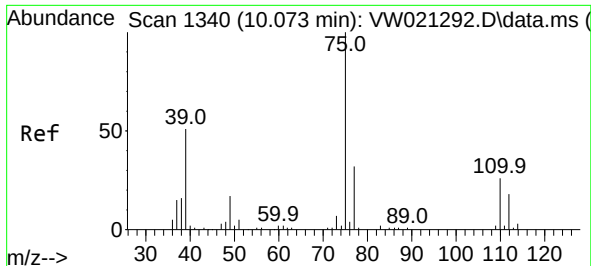
Tgt Ion: 83 Resp: 7666
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.790 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.092 min
Lab File: VW021307.D
Acq: 11 Dec 2021 02:01

Tgt Ion: 63 Resp: 3625
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.740 ug/L

RT: 10.037 min Scan# 1115

Delta R.T. -0.037 min

Lab File: VW021307.D

Acq: 11 Dec 2021 02:01

Instrument :

MSVOA_W

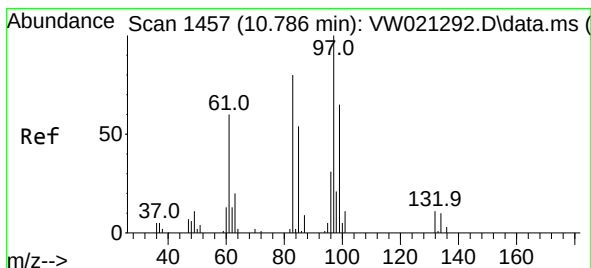
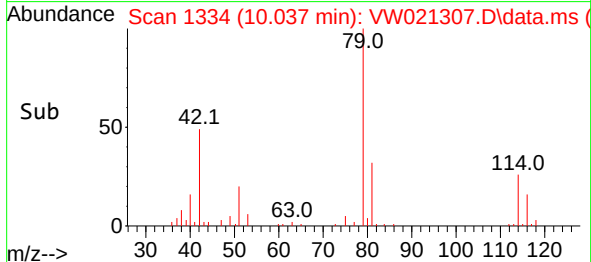
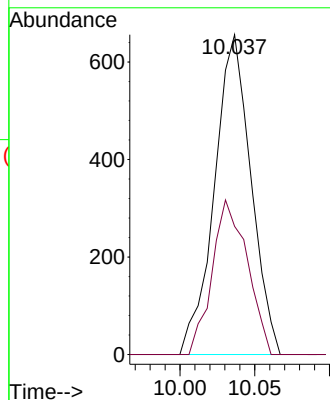
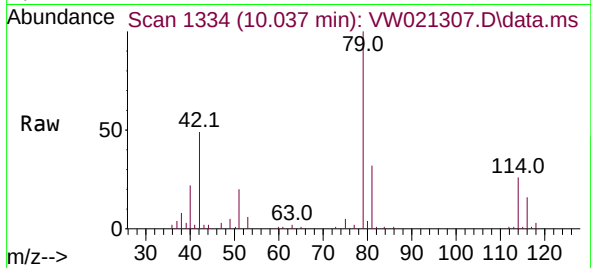
ClientSampleId :

Tgt Ion: 75 Resp: 1115

Ion Ratio Lower Upper

75 100

77 40.1 21.8 40.6



#45

1,1,2-Trichloroethane

Concen: 3.376 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.073 min

Lab File: VW021307.D

Acq: 11 Dec 2021 02:01

Tgt Ion: 97 Resp: 2643

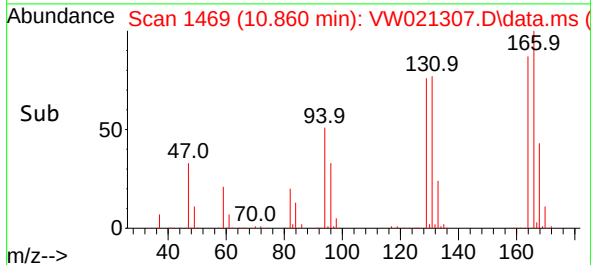
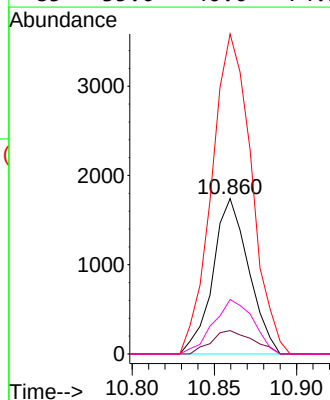
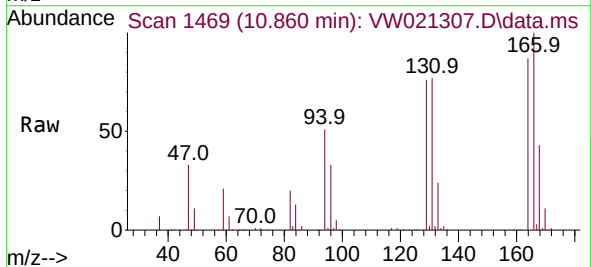
Ion Ratio Lower Upper

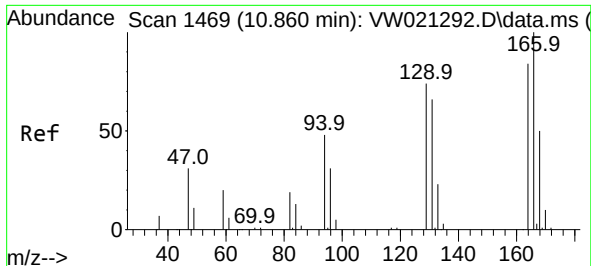
97 100

99 15.0 43.0 79.8#

83 206.0 62.6 116.3#

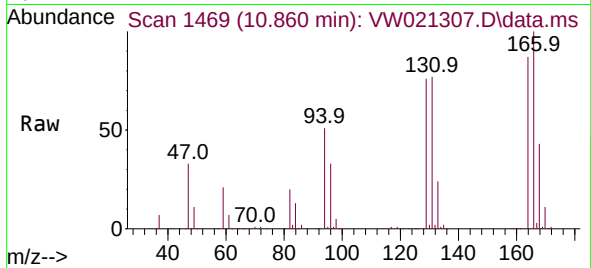
85 35.0 40.0 74.2#





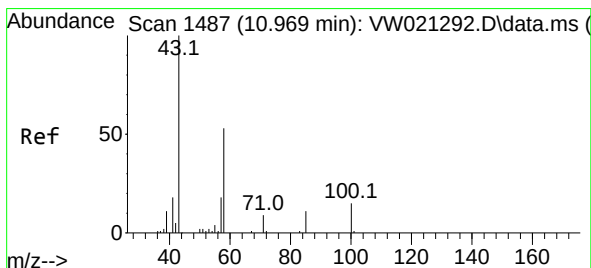
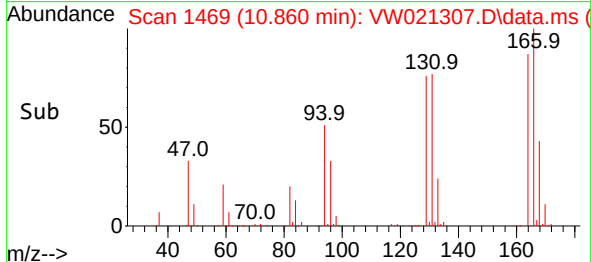
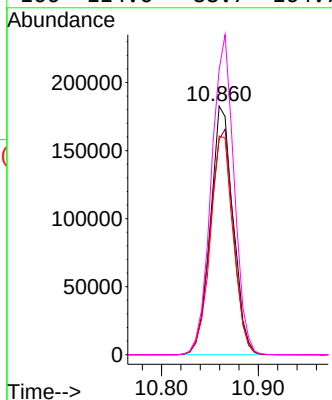
#46
Tetrachloroethene
Concen: 259.882 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021307.D
Acq: 11 Dec 2021 02:01

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 297162

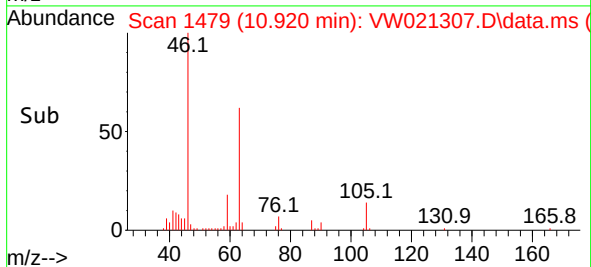
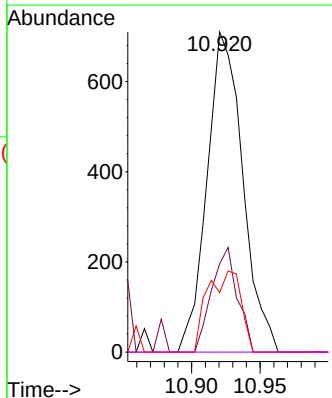
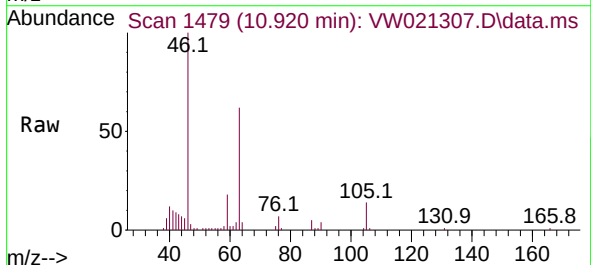
Ion	Ratio	Lower	Upper
164	100		
129	86.6	65.5	121.7
131	88.0	59.7	110.9
166	114.6	88.7	164.7

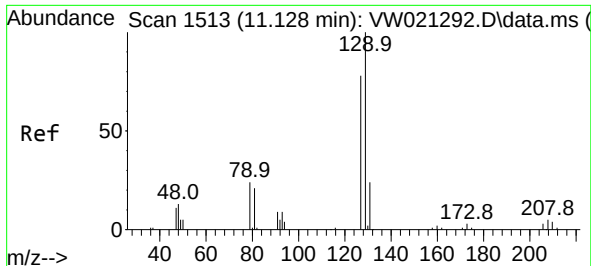


#48
2-Hexanone
Concen: 3.408 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW021307.D
Acq: 11 Dec 2021 02:01

Tgt Ion: 43 Resp: 1288

Ion	Ratio	Lower	Upper
43	100		
58	23.5	40.2	60.2#
57	12.1	14.3	21.5#
100	0.0	8.0	12.0#





#49

Dibromochloromethane

Concen: 272.200 ug/L

RT: 10.866 min Scan# 14

Delta R.T. -0.262 min

Lab File: VW021307.D

Acq: 11 Dec 2021 02:01

Instrument :

MSVOA_W

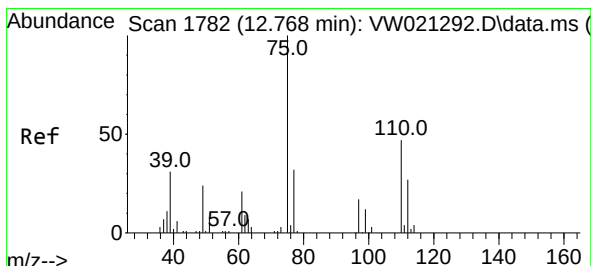
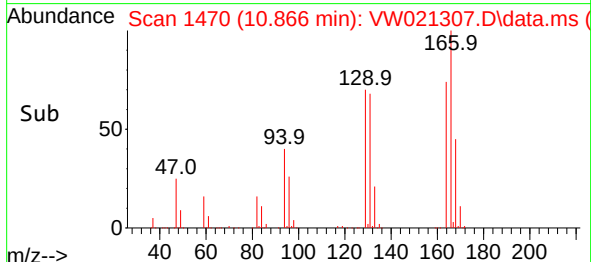
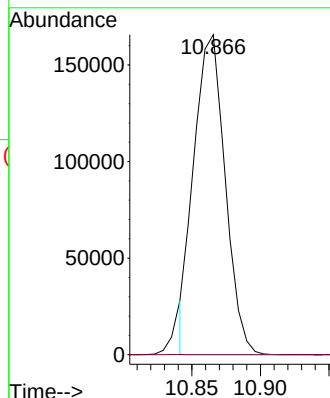
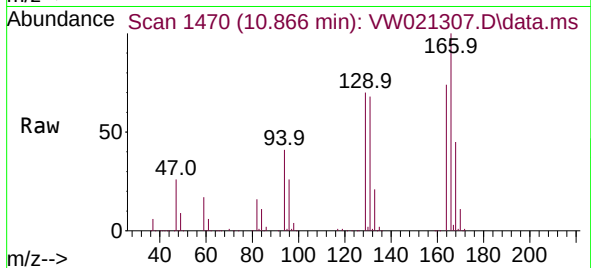
ClientSampleId :

Tgt Ion:129 Resp: 262691

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 8.099 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021307.D

Acq: 11 Dec 2021 02:01

Tgt Ion: 75 Resp: 5031

Ion Ratio Lower Upper

75 100

77 34.6 25.8 38.8

110 2.8 29.0 43.4#

