

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121121\
 Data File : VW021325.D
 Acq On : 11 Dec 2021 14:28
 Operator : SY/VA
 Sample : M5062-02
 Misc : 5.16g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 12 08:07:56 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)

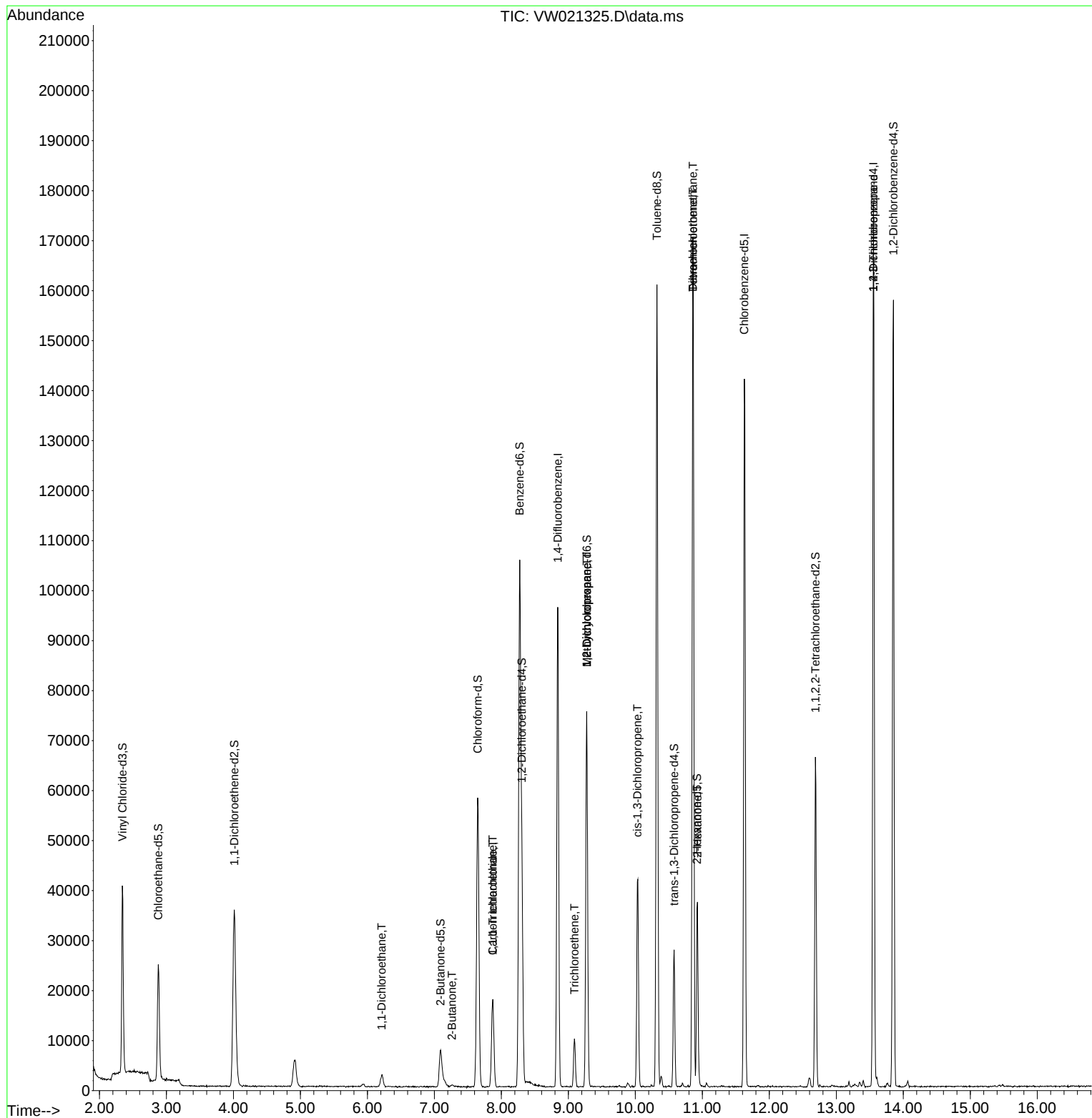
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	80724	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	81583	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	45833	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	37436	25.463	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	101.840%	
7) Chloroethane-d5	2.879	69	27641	28.440	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	113.760%	
11) 1,1-Dichloroethene-d2	4.013	63	33477	17.080	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	68.320%	
21) 2-Butanone-d5	7.092	46	14254	68.780	ug/L	0.02
Spiked Amount 50.000	Range 20	- 135	Recovery	=	137.560%#	
24) Chloroform-d	7.647	84	58516	26.012	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	104.040%	
26) 1,2-Dichloroethane-d4	8.305	65	32341	27.027	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	108.120%	
32) Benzene-d6	8.275	84	106510	23.818	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	95.280%	
36) 1,2-Dichloropropane-d6	9.274	67	31296	26.095	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	104.400%	
41) Toluene-d8	10.323	98	104310	22.830	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	91.320%	
43) trans-1,3-Dichloroprop...	10.579	79	14341	25.970	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	103.880%	
47) 2-Hexanone-d5	10.920	63	12150	68.511	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	137.020%#	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30235	29.327	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	117.320%	
66) 1,2-Dichlorobenzene-d4	13.853	152	39837	22.427	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	89.720%	
Target Compounds						Qvalue
19) 1,1-Dichloroethane	6.214	63	3382	1.989	ug/L	95
22) 2-Butanone	7.263	43	923	3.804	ug/L #	52
30) 1,1,1-Trichloroethane	7.872	97	14225	7.771	ug/L	94
31) Carbon tetrachloride	7.872	117	1871	1.108	ug/L	95
34) Trichloroethene	9.091	95	3183	2.551	ug/L	92
35) Methylcyclohexane	9.274	83	8442	4.102	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	4006	4.041	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	1270	0.813	ug/L #	82
46) Tetrachloroethene	10.859	164	37409	31.565	ug/L	91
48) 2-Hexanone	10.927	43	1712	4.371	ug/L #	66
49) Dibromochloromethane	10.859	129	31687	31.679	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	5407	8.106	ug/L #	68

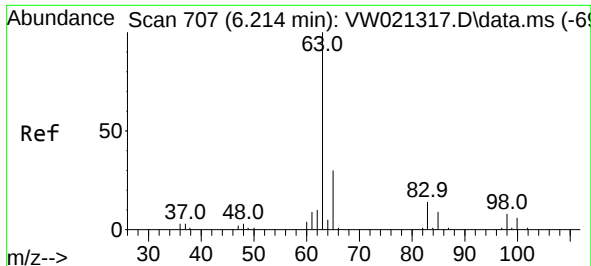
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#19

1,1-Dichloroethane

Concen: 1.989 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

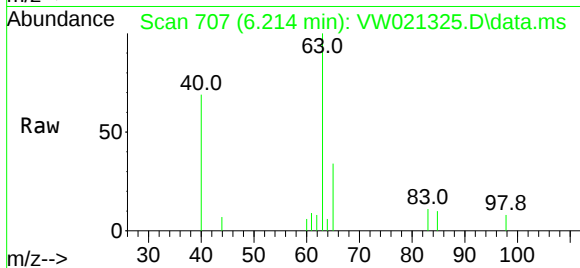
Lab File: VW021325.D

Acq: 11 Dec 2021 14:28

Instrument :

MSVOA_W

ClientSampleId :



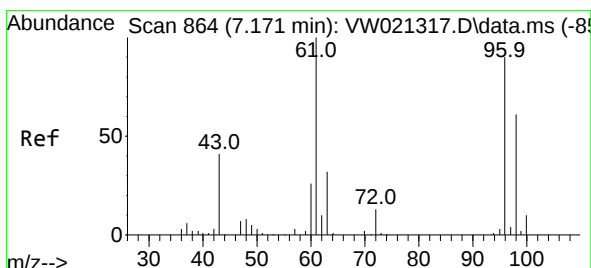
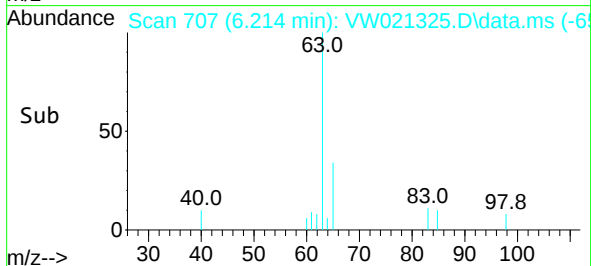
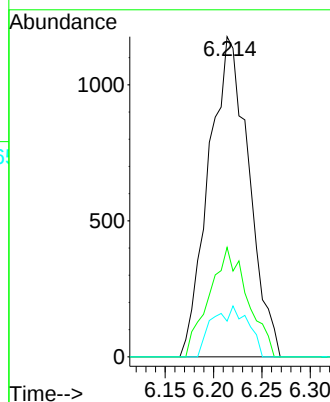
Tgt Ion: 63 Resp: 3382

Ion Ratio Lower Upper

63 100

65 34.2 22.1 41.1

83 11.1 9.2 17.2



#22

2-Butanone

Concen: 3.804 ug/L

RT: 7.263 min Scan# 879

Delta R.T. 0.091 min

Lab File: VW021325.D

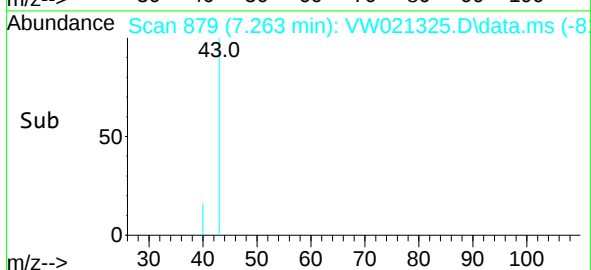
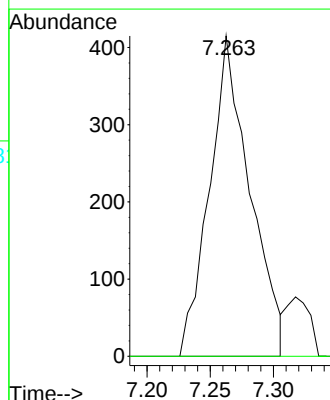
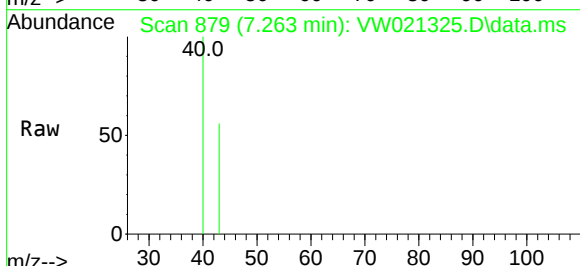
Acq: 11 Dec 2021 14:28

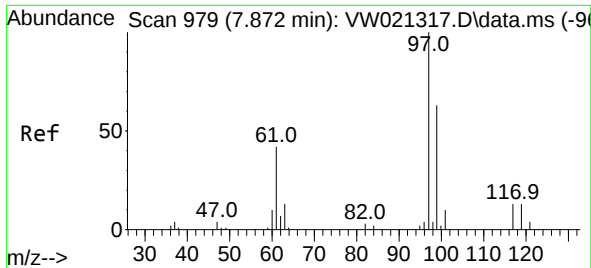
Tgt Ion: 43 Resp: 923

Ion Ratio Lower Upper

43 100

72 0.0 11.8 35.4#

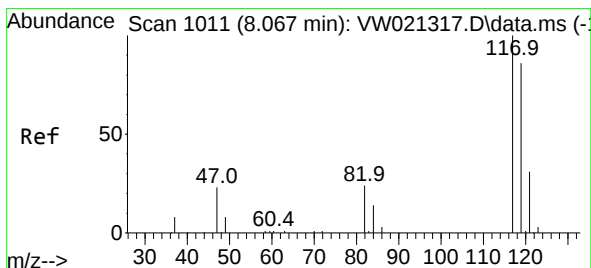
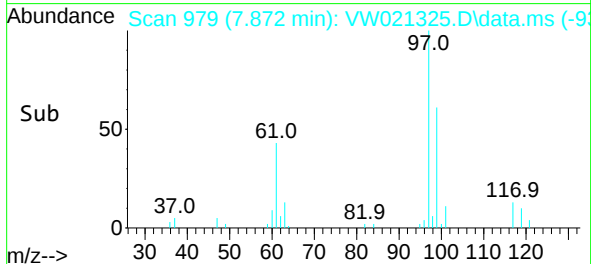
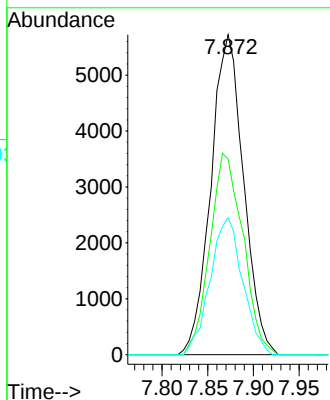
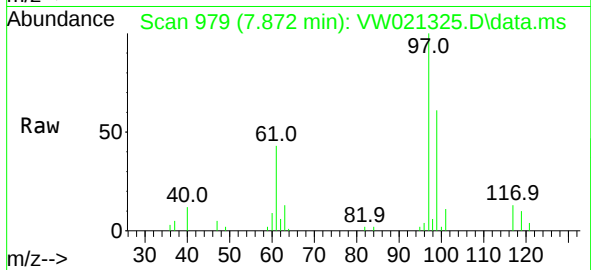




#30
1,1,1-Trichloroethane
Concen: 7.771 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW021325.D
Acq: 11 Dec 2021 14:28

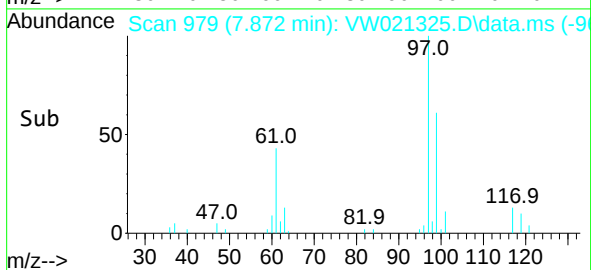
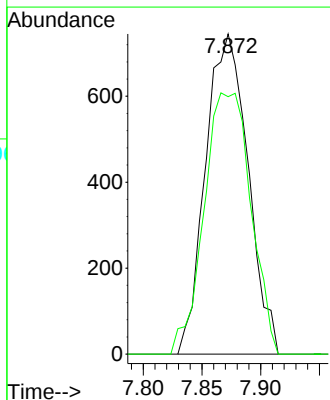
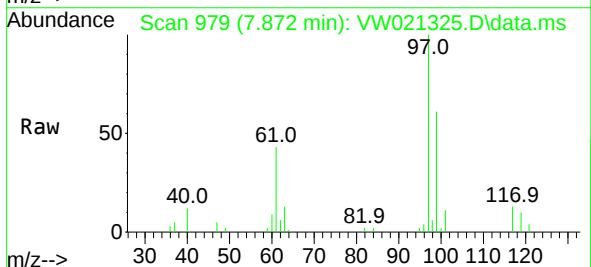
Instrument :
MSVOA_W
ClientSampleId :

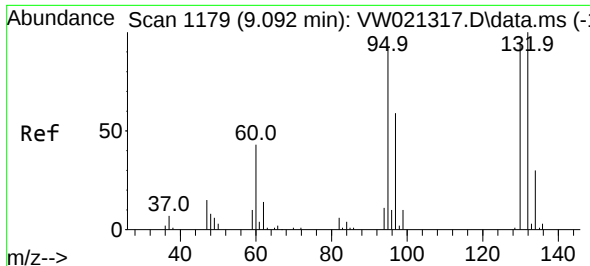
Tgt Ion: 97 Resp: 14225
Ion Ratio Lower Upper
97 100
99 63.6 51.6 77.4
61 42.7 40.9 61.3



#31
Carbon tetrachloride
Concen: 1.108 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.195 min
Lab File: VW021325.D
Acq: 11 Dec 2021 14:28

Tgt Ion: 117 Resp: 1871
Ion Ratio Lower Upper
117 100
119 90.1 75.7 113.5



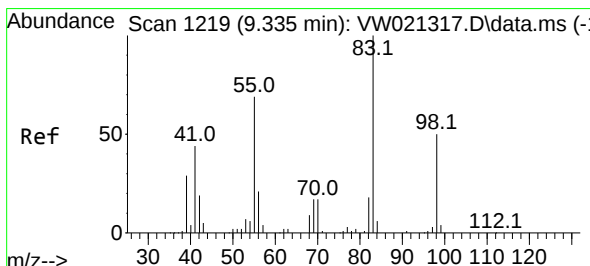
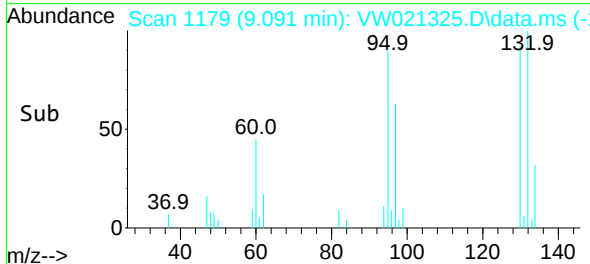
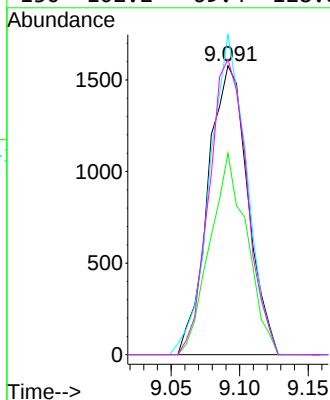
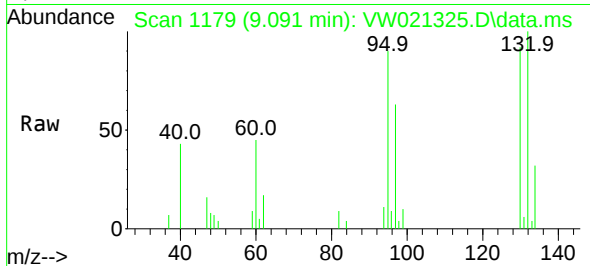


#34
Trichloroethene
Concen: 2.551 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021325.D
Acq: 11 Dec 2021 14:28

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 3183

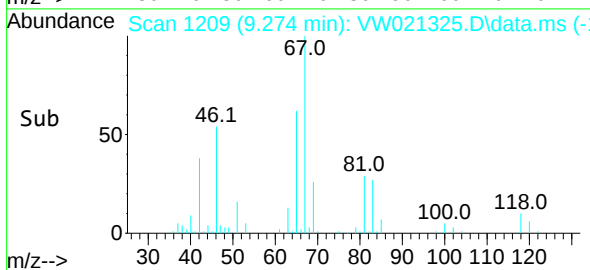
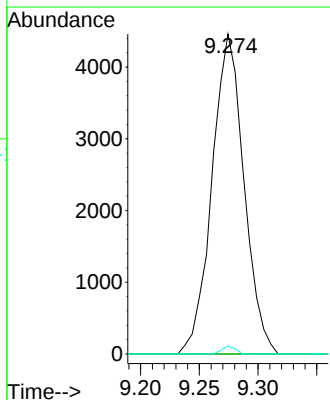
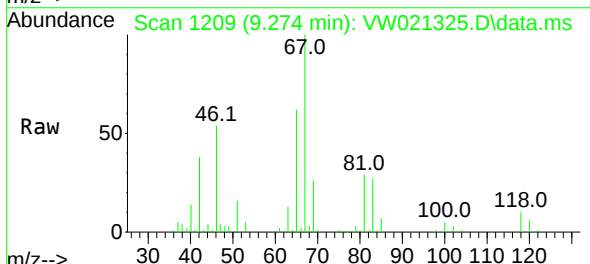
Ion	Ratio	Lower	Upper
95	100		
97	69.6	47.0	87.2
132	110.7	65.5	121.6
130	102.2	69.4	128.8

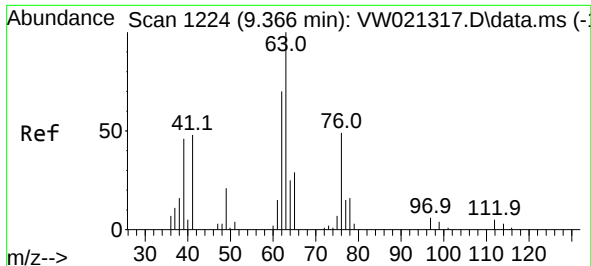


#35
Methylcyclohexane
Concen: 4.102 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021325.D
Acq: 11 Dec 2021 14:28

Tgt Ion: 83 Resp: 8442

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: 4.041 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021325.D

Acq: 11 Dec 2021 14:28

Instrument :

MSVOA_W

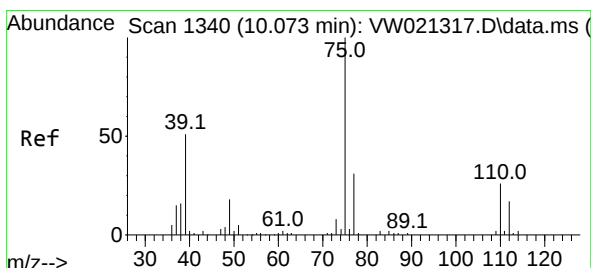
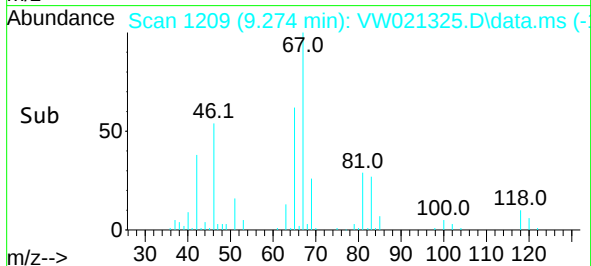
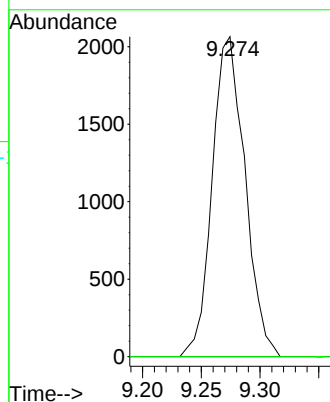
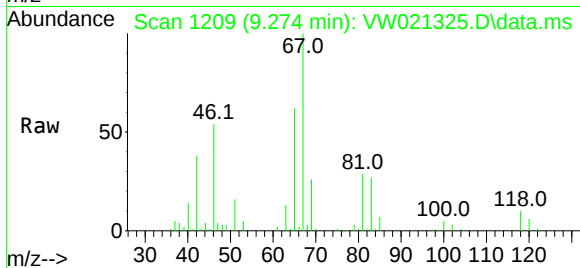
ClientSampleId :

Tgt Ion: 63 Resp: 4006

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.813 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021325.D

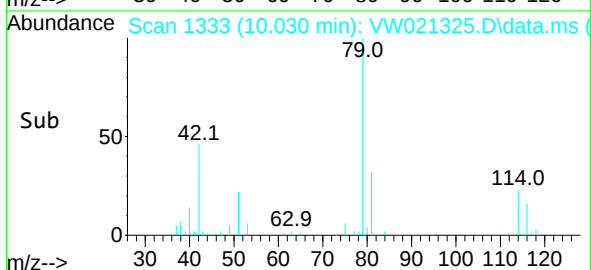
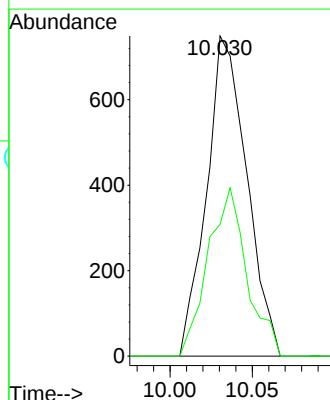
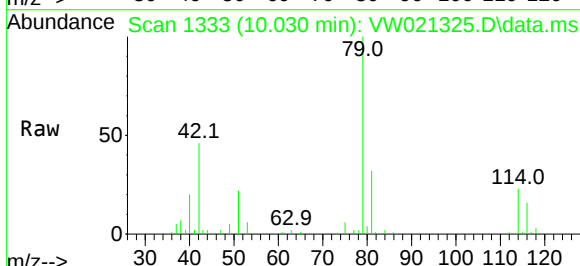
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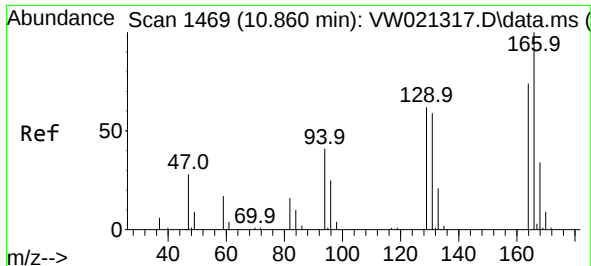
Tgt Ion: 75 Resp: 1270

Ion Ratio Lower Upper

75 100

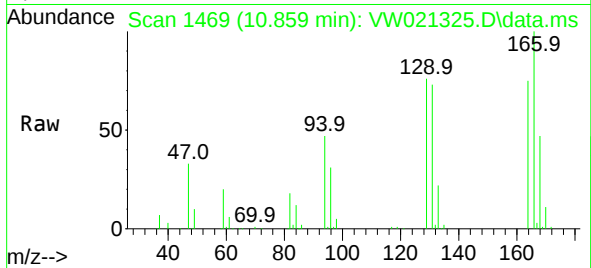
77 41.1 21.8 40.6#





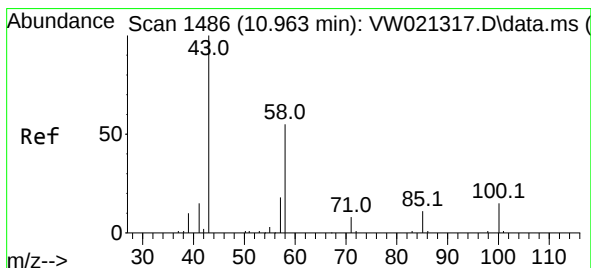
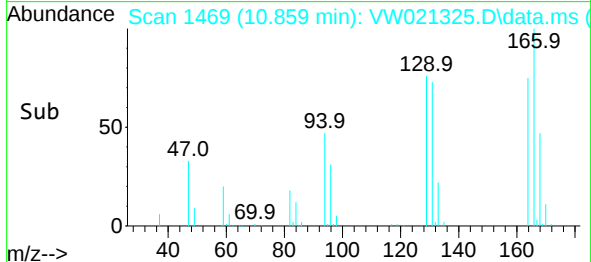
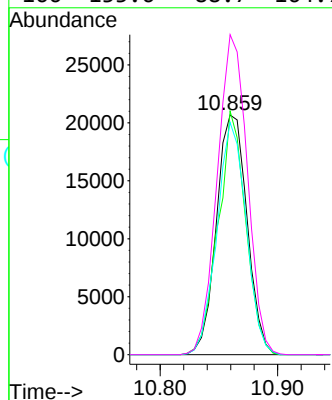
#46
Tetrachloroethene
Concen: 31.565 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021325.D
Acq: 11 Dec 2021 14:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 37409

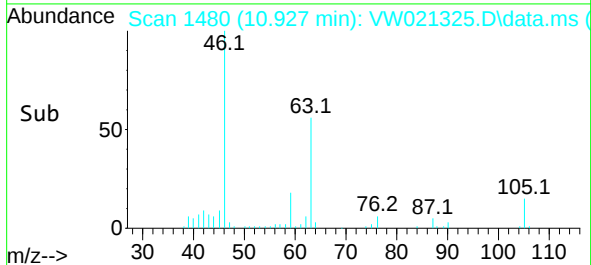
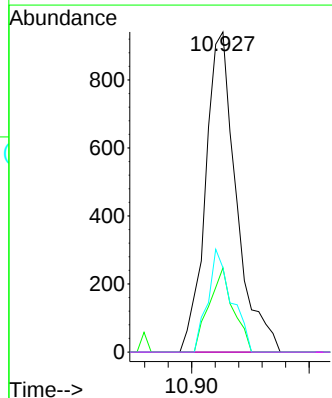
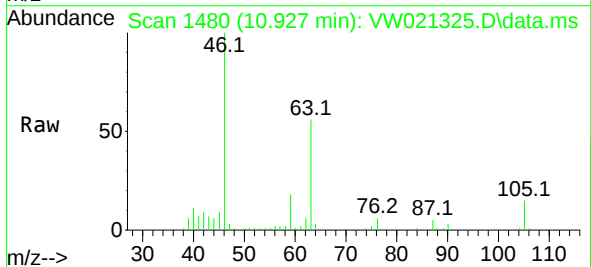
Ion	Ratio	Lower	Upper
164	100		
129	101.6	65.5	121.7
131	96.9	59.7	110.9
166	133.6	88.7	164.7

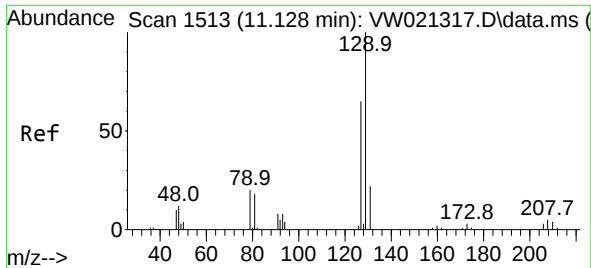


#48
2-Hexanone
Concen: 4.371 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021325.D
Acq: 11 Dec 2021 14:28

Tgt Ion: 43 Resp: 1712

Ion	Ratio	Lower	Upper
43	100		
58	20.8	40.2	60.2#
57	24.9	14.3	21.5#
100	0.0	8.0	12.0#





#49

Dibromochloromethane

Concen: 31.679 ug/L

RT: 10.859 min Scan# 14

Delta R.T. -0.268 min

Lab File: VW021325.D

Acq: 11 Dec 2021 14:28

Instrument :

MSVOA_W

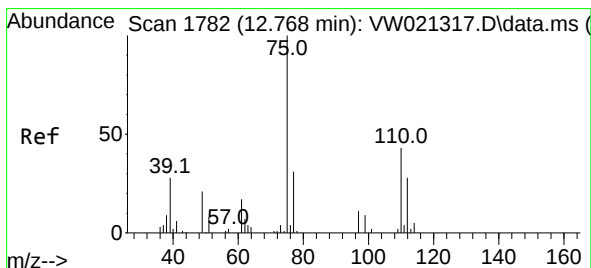
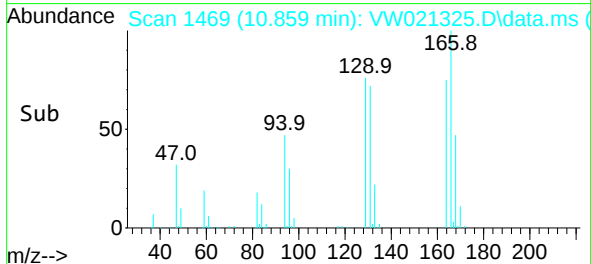
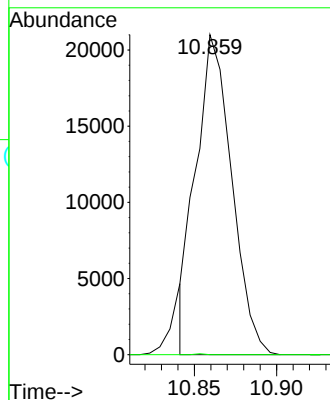
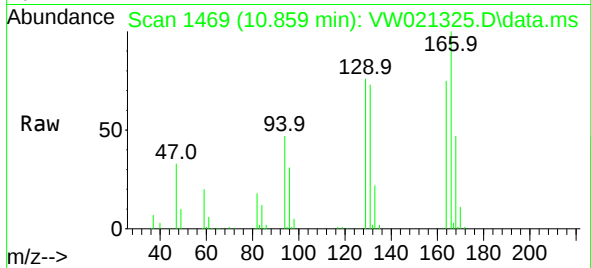
ClientSampleId :

Tgt Ion:129 Resp: 31687

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 8.106 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021325.D

Acq: 11 Dec 2021 14:28

Tgt Ion: 75 Resp: 5407

Ion Ratio Lower Upper

75 100

77 35.4 25.8 38.8

110 3.1 29.0 43.4#

