

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120721\
 Data File : VW021205.D
 Acq On : 07 Dec 2021 15:29
 Operator : SY/VA
 Sample : M4888-02RE
 Misc : 4.79g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 02:50:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 08 02:47:46 2021
 Response via : Initial Calibration

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

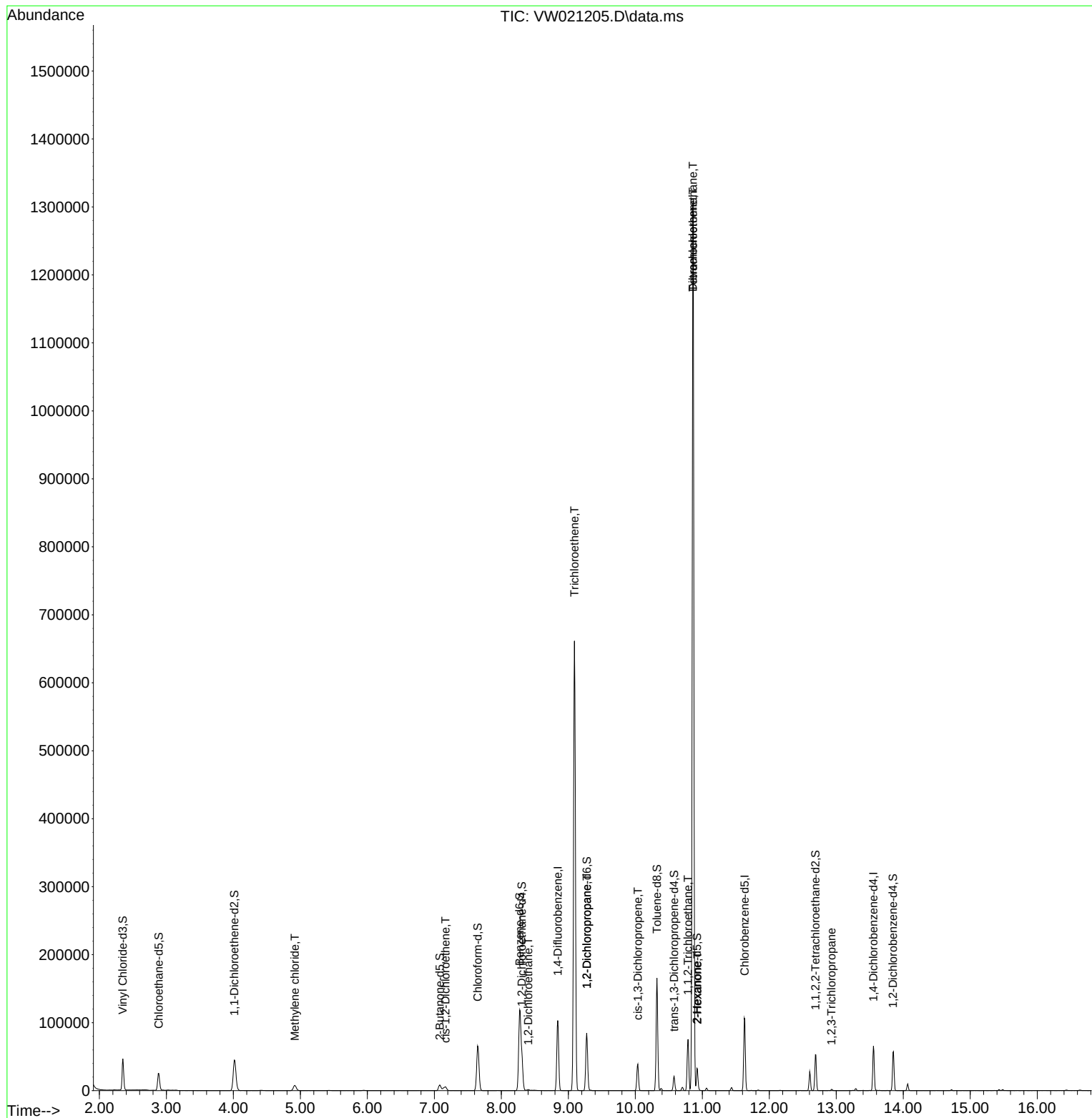
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	89657	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	59450	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	17015	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43911	35.152	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 140.600%	
7) Chloroethane-d5	2.885	69	29868	35.718	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 142.880%	
11) 1,1-Dichloroethene-d2	4.013	63	42912	21.504	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 86.000%	
21) 2-Butanone-d5	7.080	46	14463	50.760	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.520%	
24) Chloroform-d	7.647	84	66273	29.516	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 118.080%	
26) 1,2-Dichloroethane-d4	8.305	65	35276	28.718	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 114.880%	
32) Benzene-d6	8.275	84	121976	40.127	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 160.520%#	
36) 1,2-Dichloropropane-d6	9.275	67	35224	41.698	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 166.800%#	
41) Toluene-d8	10.323	98	103861	33.322	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 133.280%#	
43) trans-1,3-Dichloroprop...	10.579	79	10904	28.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 113.720%	
47) 2-Hexanone-d5	10.921	63	11031	68.253	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 136.500%#	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	24501	31.351	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 125.400%#	
66) 1,2-Dichlorobenzene-d4	13.847	152	15502	25.428	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 101.720%	
Target Compounds						Qvalue
16) Methylene chloride	4.916	84	6284	4.449	ug/L	78
20) cis-1,2-Dichloroethene	7.165	96	2263	1.722	ug/L	# 63
27) 1,2-Dichloroethane	8.403	62	850	0.589	ug/L	# 77
34) Trichloroethene	9.092	95	210908	226.131	ug/L	91
37) 1,2-Dichloropropane	9.275	63	4634	6.065	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1116	0.903	ug/L	# 66
45) 1,1,2-Trichloroethane	10.786	97	23176	36.178	ug/L	91
46) Tetrachloroethene	10.860	164	288015	337.234	ug/L	98
48) 2-Hexanone	10.927	43	1443	3.843	ug/L	# 66
49) Dibromochloromethane	10.860	129	248033	309.789	ug/L	# 10
61) 1,2,3-Trichloropropane	12.926	75	302	1.060	ug/L	# 40

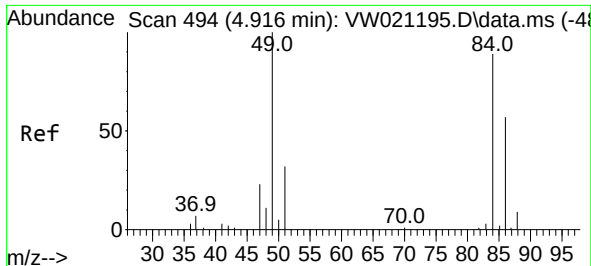
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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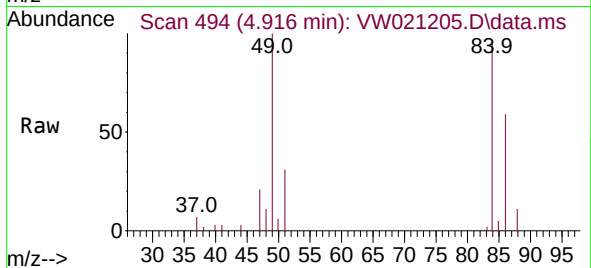
Quant Time: Dec 08 02:50:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 08 02:47:46 2021
Response via : Initial Calibration





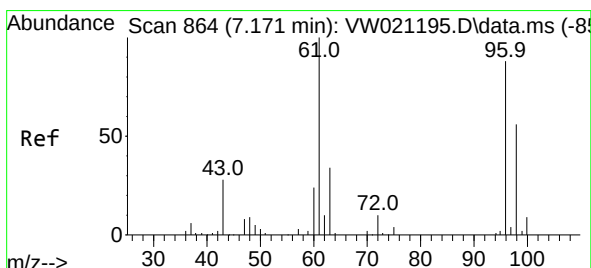
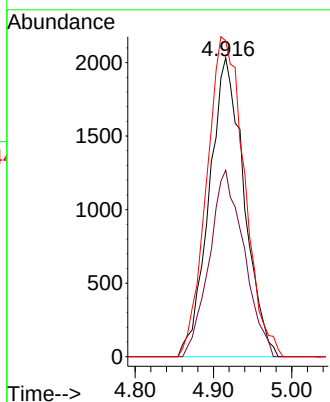
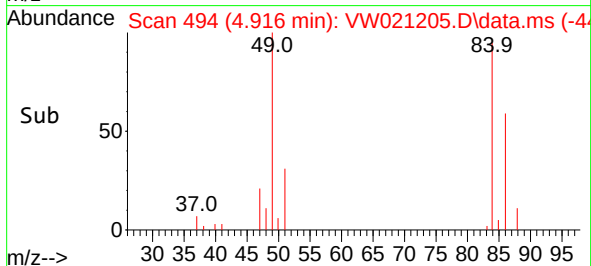
#16
Methylene chloride
Concen: 4.449 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021205.D
Acq: 07 Dec 2021 15:29

Instrument :
MSVOA_W
ClientSampleId :

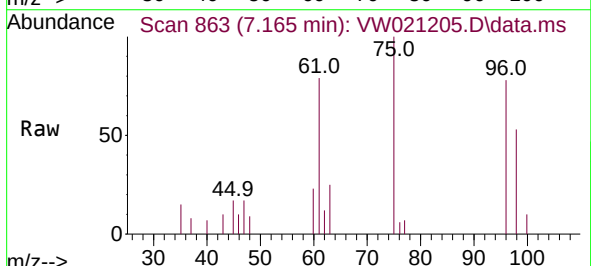


Tgt Ion: 84 Resp: 6284

Ion	Ratio	Lower	Upper
84	100		
86	62.5	45.5	84.5
49	105.7	100.5	186.7

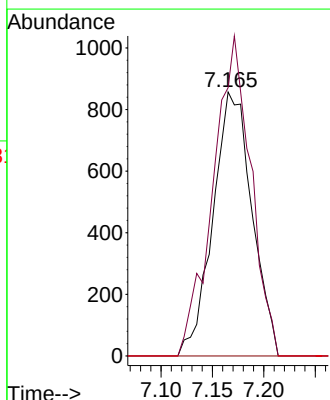
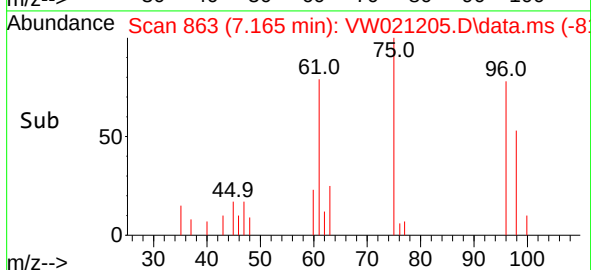


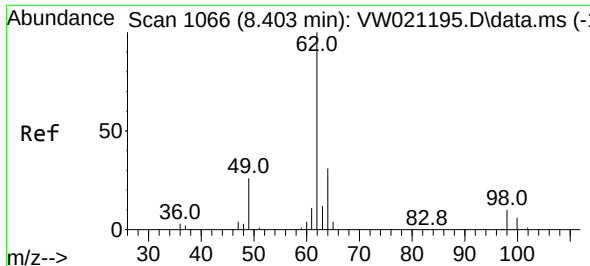
#20
cis-1,2-Dichloroethene
Concen: 1.722 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW021205.D
Acq: 07 Dec 2021 15:29



Tgt Ion: 96 Resp: 2263

Ion	Ratio	Lower	Upper
96	100		
61	101.6	103.7	192.7#
68	0.0	0.0	0.0

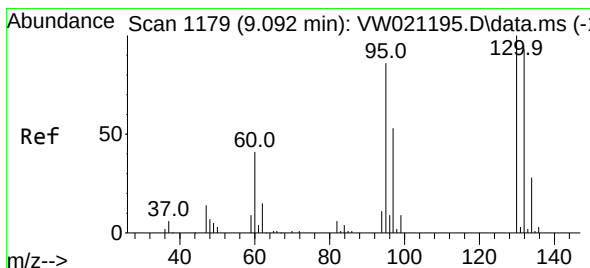
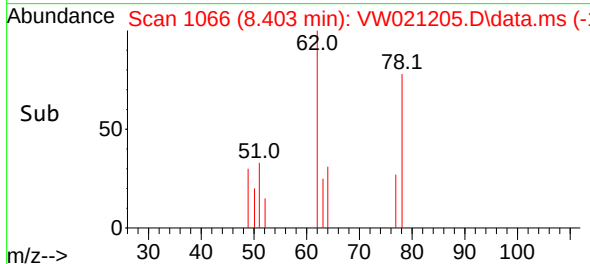
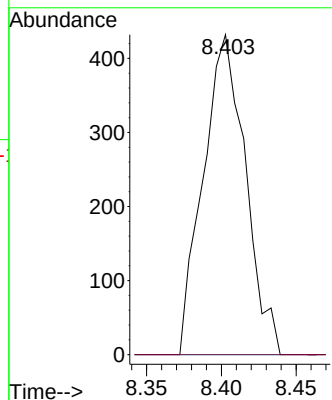
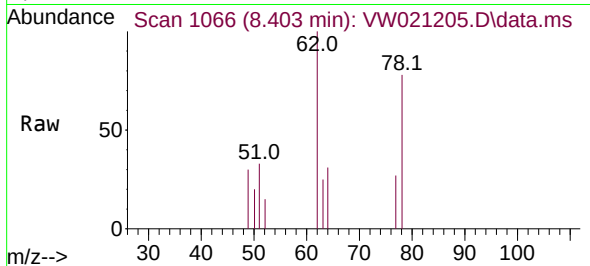




#27
1,2-Dichloroethane
Concen: 0.589 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021205.D
Acq: 07 Dec 2021 15:29

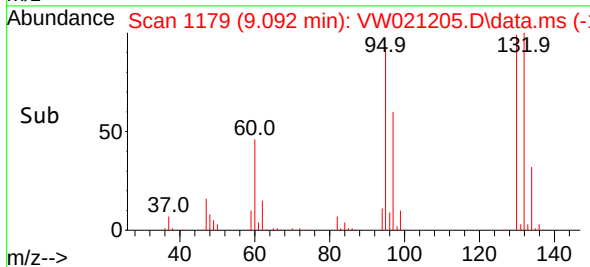
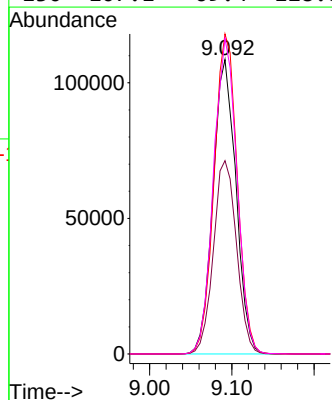
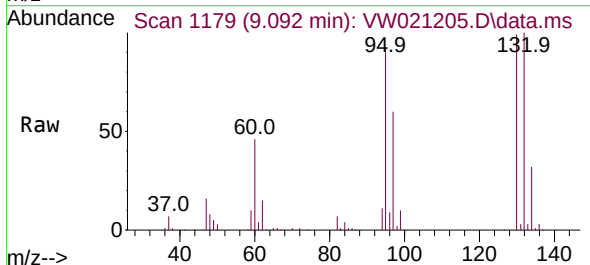
Instrument :
MSVOA_W
ClientSampleId :

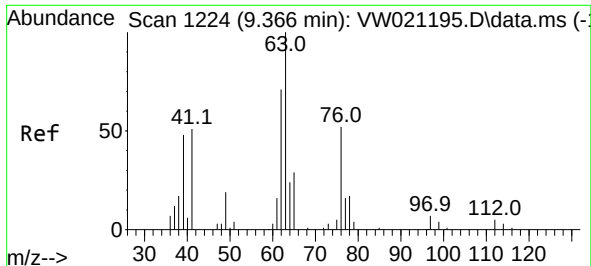
Tgt Ion: 62 Resp: 850
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#



#34
Trichloroethene
Concen: 226.131 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021205.D
Acq: 07 Dec 2021 15:29

Tgt Ion: 95 Resp: 210908
Ion Ratio Lower Upper
95 100
97 65.6 47.0 87.2
132 108.7 65.5 121.6
130 107.1 69.4 128.8





#37

1,2-Dichloropropane

Concen: 6.065 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021205.D

Acq: 07 Dec 2021 15:29

Instrument :

MSVOA_W

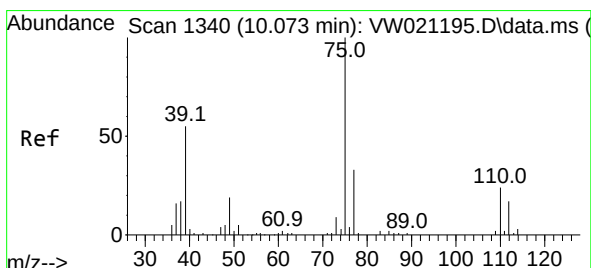
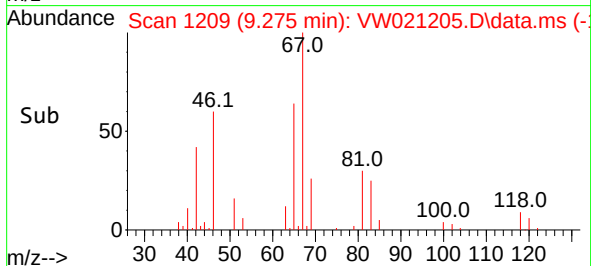
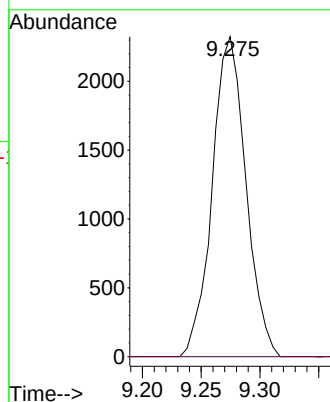
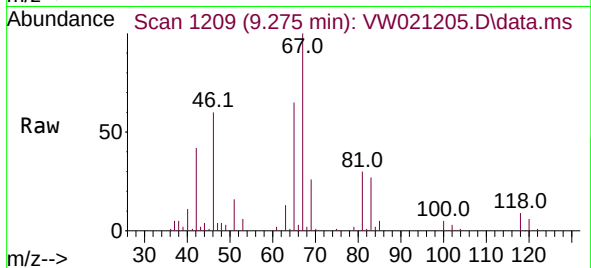
ClientSampleId :

Tgt Ion: 63 Resp: 4634

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.903 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021205.D

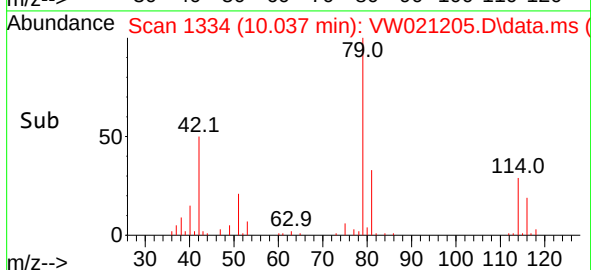
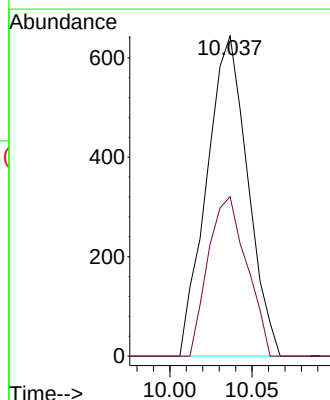
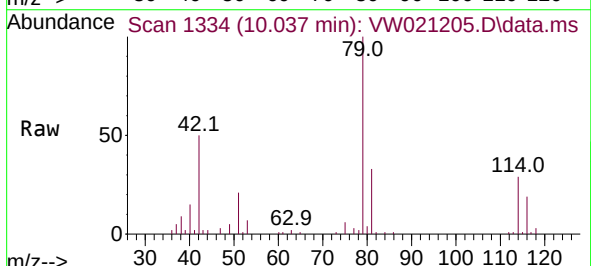
Acq: 07 Dec 2021 15:29

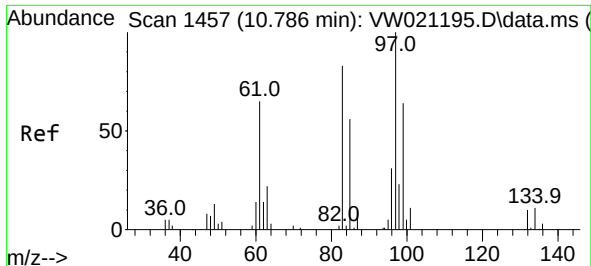
Tgt Ion: 75 Resp: 1116

Ion Ratio Lower Upper

75 100

77 49.8 21.8 40.6#





#45

1,1,2-Trichloroethane

Concen: 36.178 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW021205.D

Acq: 07 Dec 2021 15:29

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 23176

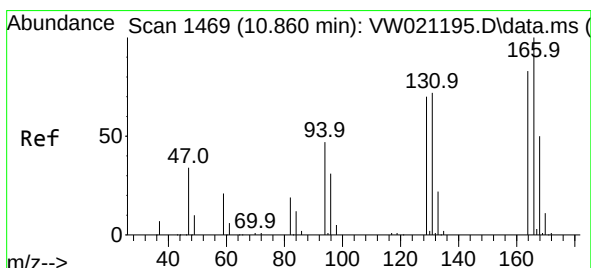
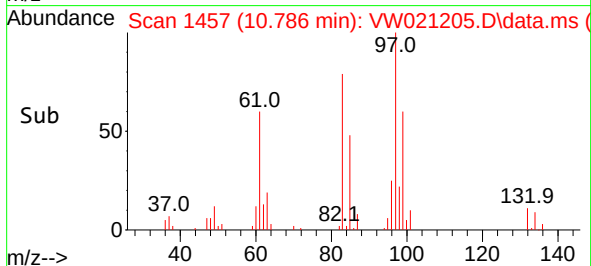
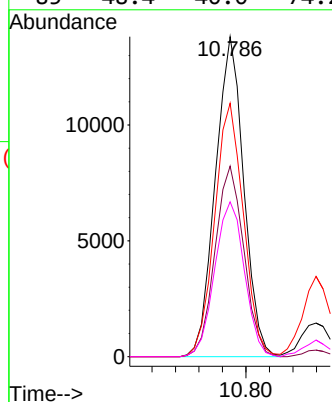
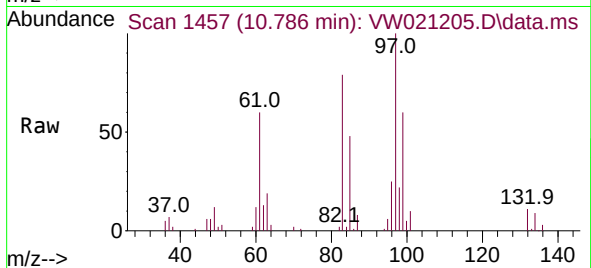
Ion Ratio Lower Upper

97 100

99 59.5 43.0 79.8

83 79.2 62.6 116.3

85 48.4 40.0 74.2



#46

Tetrachloroethene

Concen: 337.234 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021205.D

Acq: 07 Dec 2021 15:29

Tgt Ion:164 Resp: 288015

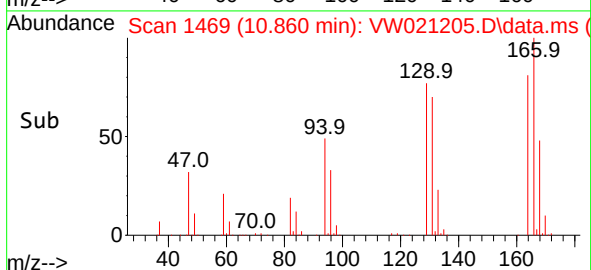
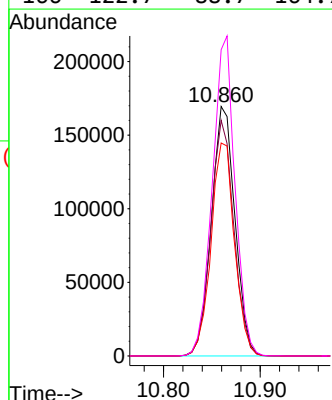
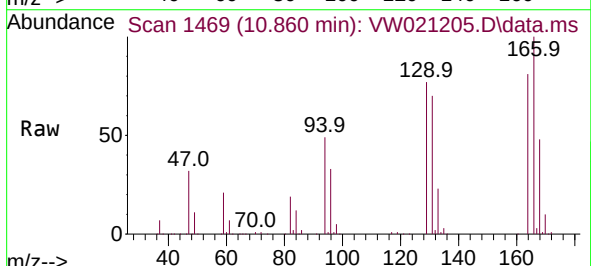
Ion Ratio Lower Upper

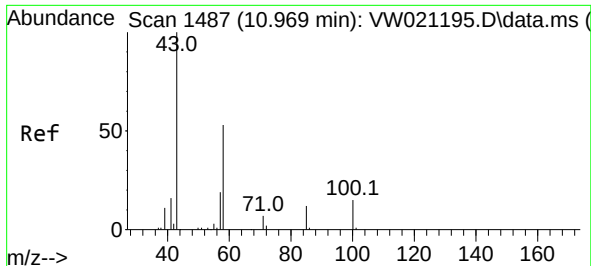
164 100

129 94.4 65.5 121.7

131 85.3 59.7 110.9

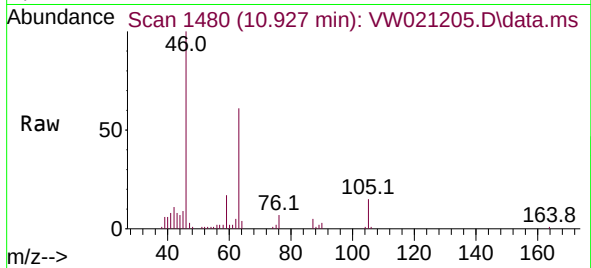
166 122.7 88.7 164.7



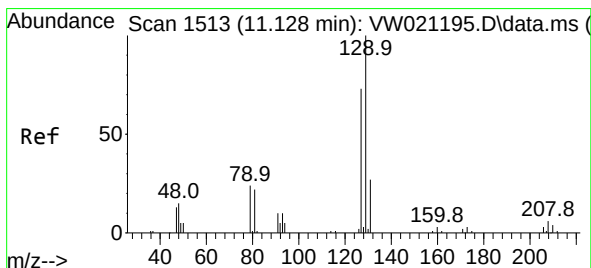
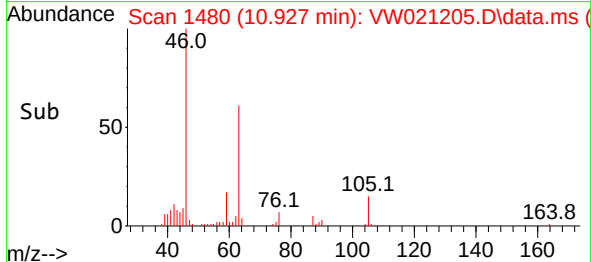
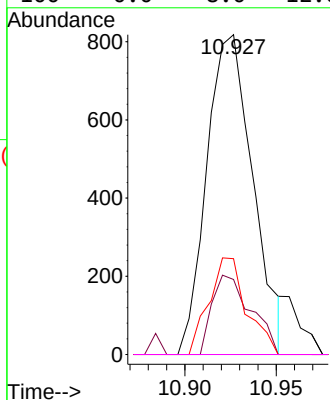


#48
2-Hexanone
Concen: 3.843 ug/L
RT: 10.927 min Scan# 1443
Delta R.T. -0.043 min
Lab File: VW021205.D
Acq: 07 Dec 2021 15:29

Instrument :
MSVOA_W
ClientSampleId :

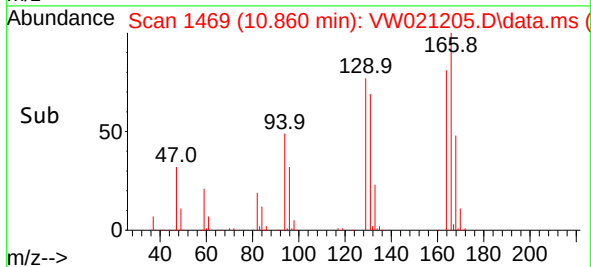
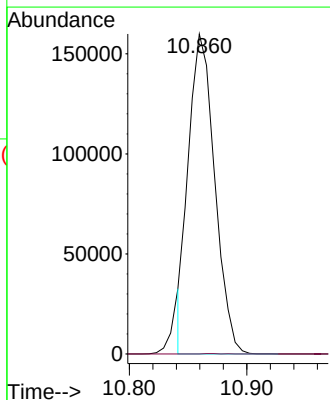
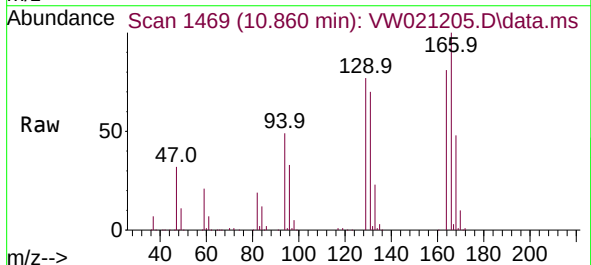


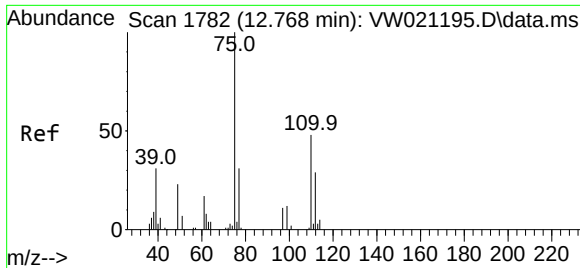
Tgt Ion: 43 Resp: 1443
Ion Ratio Lower Upper
43 100
58 20.9 40.2 60.2#
57 24.7 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 309.789 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021205.D
Acq: 07 Dec 2021 15:29

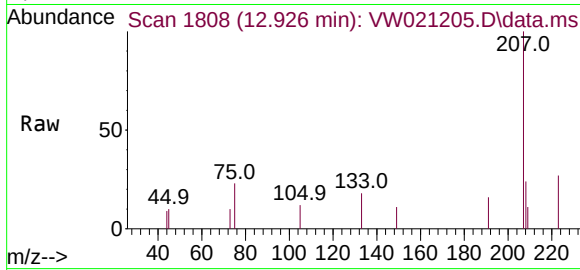
Tgt Ion:129 Resp: 248033
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.060 ug/L
 RT: 12.926 min Scan# 11
 Delta R.T. 0.159 min
 Lab File: VW021205.D
 Acq: 07 Dec 2021 15:29

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	302
Ion Ratio	Lower	Upper	
75	100		
77	0.0	25.8	38.8#
110	0.0	29.0	43.4#

