

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120721\
 Data File : VW021211.D
 Acq On : 07 Dec 2021 17:53
 Operator : SY/VA
 Sample : M4888-05RE
 Misc : 5.25g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 08 02:51:44 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)

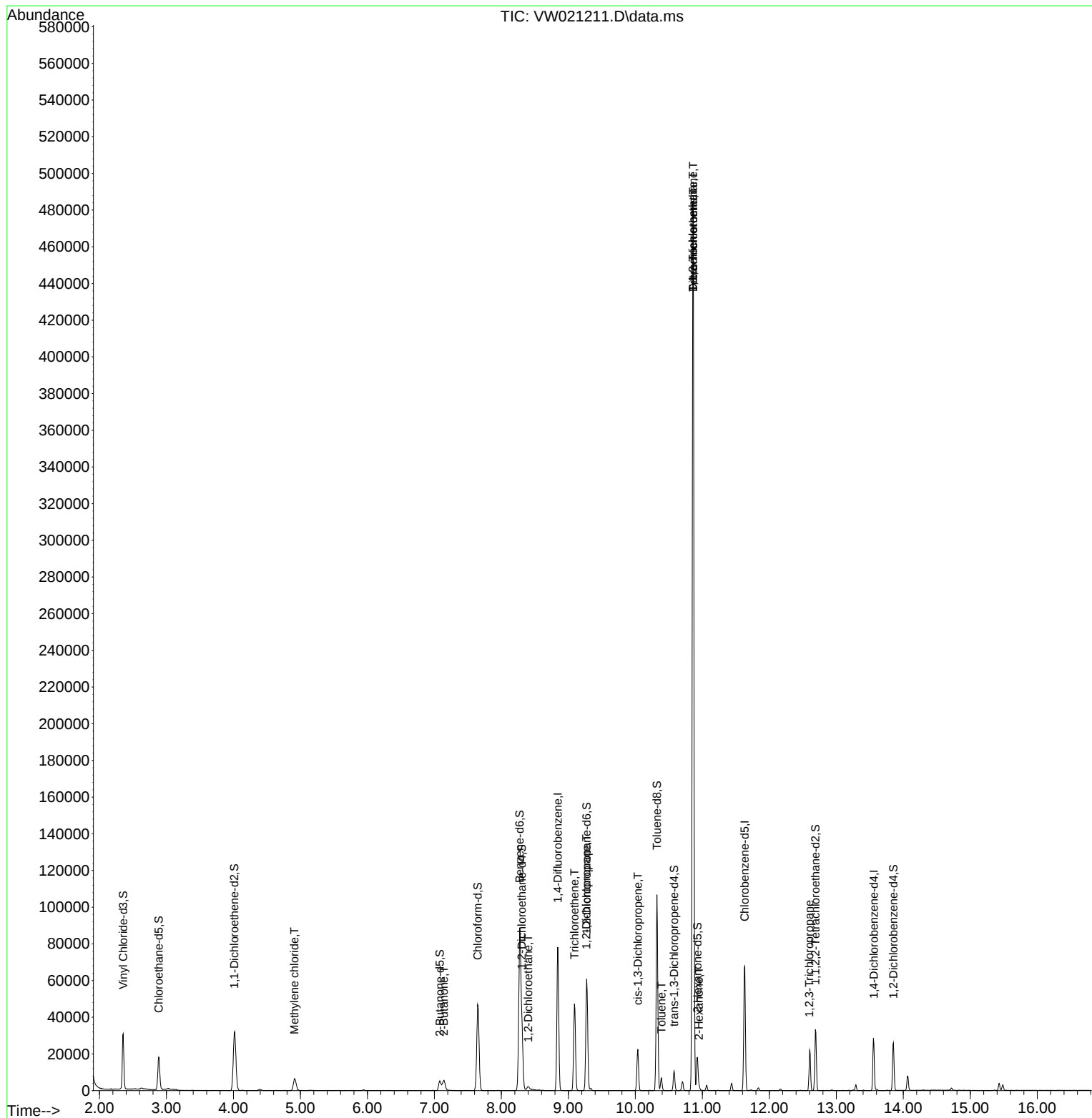
Internal Standards							
1) 1,4-Difluorobenzene		8.842	114	65861	25.000	ug/L	# 0.00
28) Chlorobenzene-d5		11.634	117	38992	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.560	152	7578	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.355	65	28337	30.881	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 123.520%		
7) Chloroethane-d5		2.885	69	20657	33.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 134.520%		
11) 1,1-Dichloroethene-d2		4.013	63	29969	20.444	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 81.760%		
21) 2-Butanone-d5		7.080	46	8500	40.611	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 81.220%		
24) Chloroform-d		7.647	84	46688	28.306	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 113.240%		
26) 1,2-Dichloroethane-d4		8.305	65	24834	27.522	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 110.080%		
32) Benzene-d6		8.275	84	86322	43.298	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 173.200%#		
36) 1,2-Dichloropropane-d6		9.274	67	25320	45.700	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 182.800%#		
41) Toluene-d8		10.323	98	65437	32.010	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 128.040%		
43) trans-1,3-Dichloroprop...		10.579	79	5630	22.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 89.520%		
47) 2-Hexanone-d5		10.927	63	5872	55.395	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 110.780%		
56) 1,1,2,2-Tetrachloroeth...		12.688	84	14667	28.615	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 114.440%		
66) 1,2-Dichlorobenzene-d4		13.853	152	6944	25.575	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.280%		
Target Compounds							
						Qvalue	
16) Methylene chloride		4.909	84	5024	4.842	ug/L	80
22) 2-Butanone		7.141	43	2074	7.861	ug/L #	52
27) 1,2-Dichloroethane		8.403	62	1535	1.448	ug/L #	77
34) Trichloroethene		9.091	95	15467	25.284	ug/L	94
37) 1,2-Dichloropropane		9.268	63	3360	6.704	ug/L #	88
39) cis-1,3-Dichloropropene		10.036	75	677	0.835	ug/L	94
42) Toluene		10.390	91	4833	1.908	ug/L	97
45) 1,1,2-Trichloroethane		10.859	97	854	2.033	ug/L #	20
46) Tetrachloroethene		10.866	164	111022	198.199	ug/L	96
48) 2-Hexanone		10.951	43	731	2.968	ug/L #	41
49) Dibromochloromethane		10.866	129	90118	171.611	ug/L #	10
61) 1,2,3-Trichloropropane		12.597	75	149	1.174	ug/L #	40

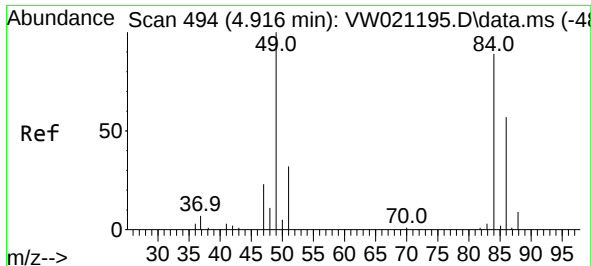
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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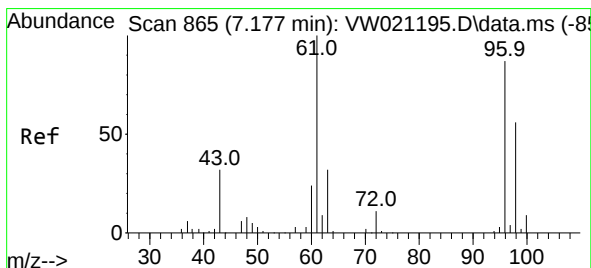
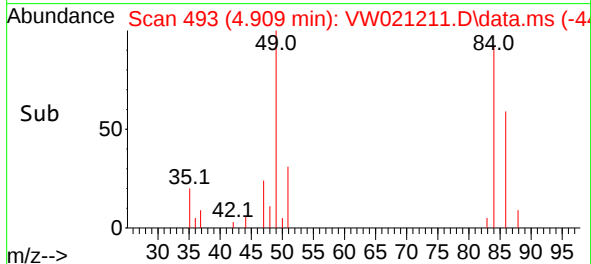
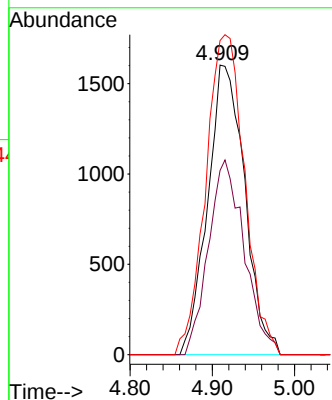
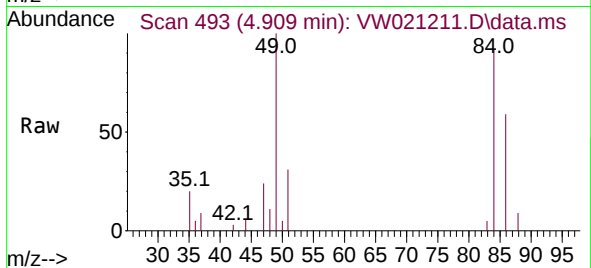




#16
Methylene chloride
Concen: 4.842 ug/L
RT: 4.909 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW021211.D
Acq: 07 Dec 2021 17:53

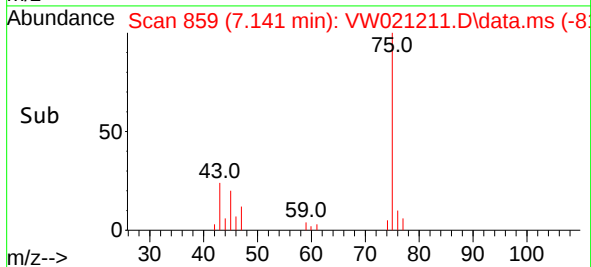
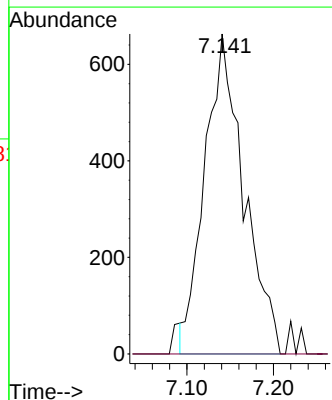
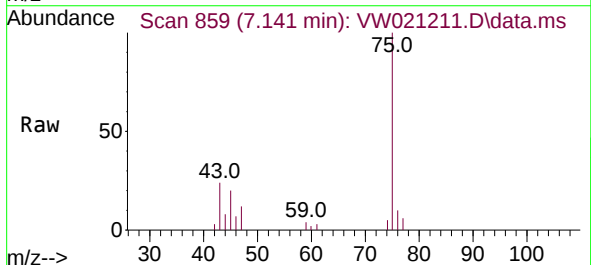
Instrument :
MSVOA_W
ClientSampleId :

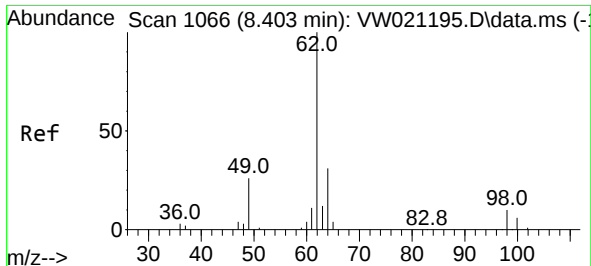
Tgt Ion: 84 Resp: 5024
Ion Ratio Lower Upper
84 100
86 63.6 45.5 84.5
49 108.4 100.5 186.7



#22
2-Butanone
Concen: 7.861 ug/L
RT: 7.141 min Scan# 859
Delta R.T. -0.037 min
Lab File: VW021211.D
Acq: 07 Dec 2021 17:53

Tgt Ion: 43 Resp: 2074
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#

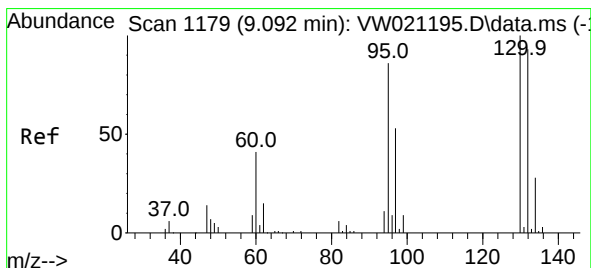
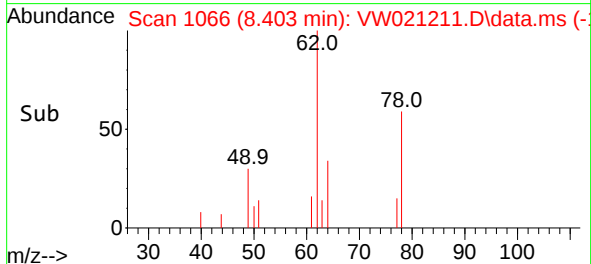
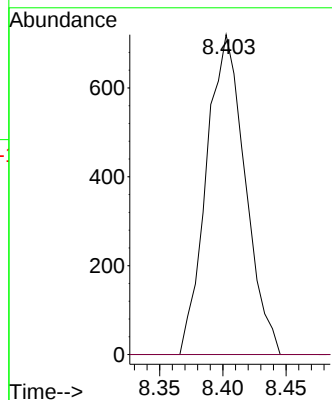
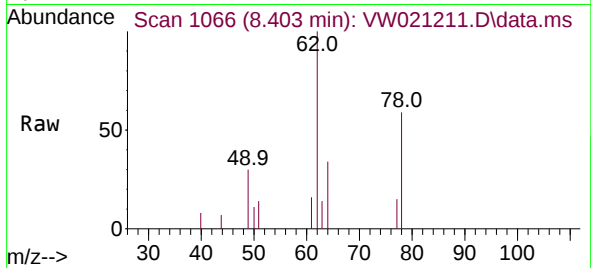




#27
1,2-Dichloroethane
Concen: 1.448 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021211.D
Acq: 07 Dec 2021 17:53

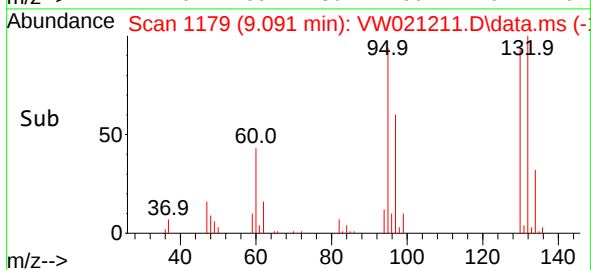
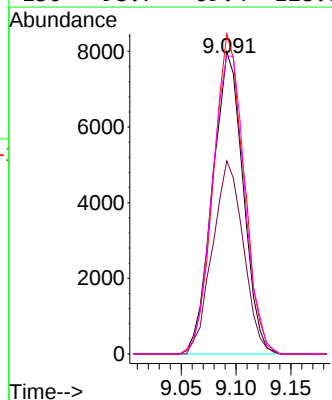
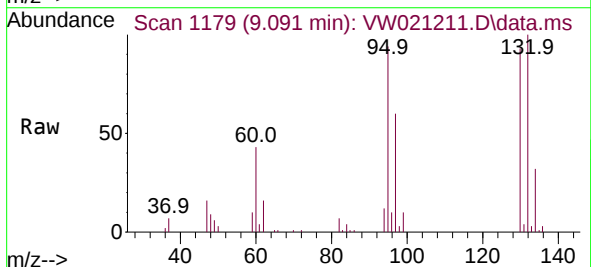
Instrument :
MSVOA_W
ClientSampleId :

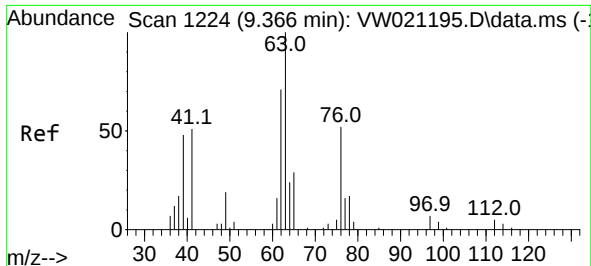
Tgt Ion: 62 Resp: 1535
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#



#34
Trichloroethene
Concen: 25.284 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021211.D
Acq: 07 Dec 2021 17:53

Tgt Ion: 95 Resp: 15467
Ion Ratio Lower Upper
95 100
97 63.9 47.0 87.2
132 105.9 65.5 121.6
130 98.7 69.4 128.8





#37

1,2-Dichloropropane

Concen: 6.704 ug/L

RT: 9.268 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021211.D

Acq: 07 Dec 2021 17:53

Instrument :

MSVOA_W

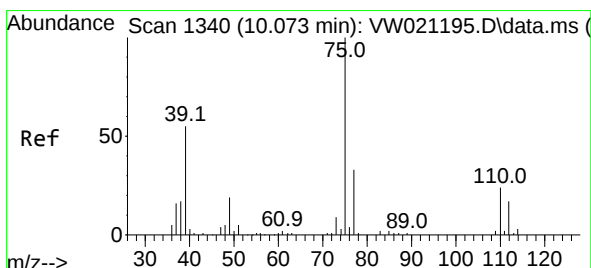
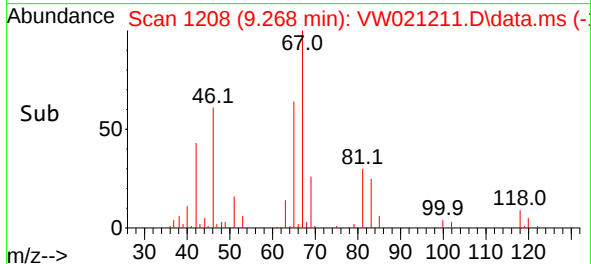
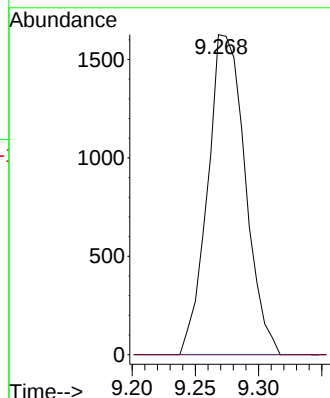
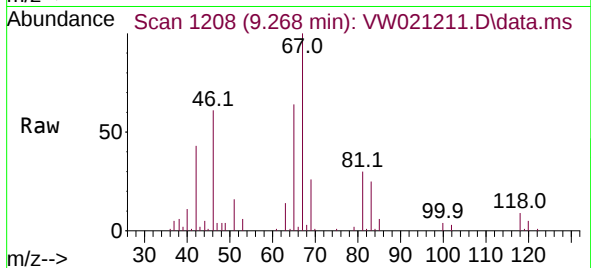
ClientSampleId :

Tgt Ion: 63 Resp: 3360

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.835 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021211.D

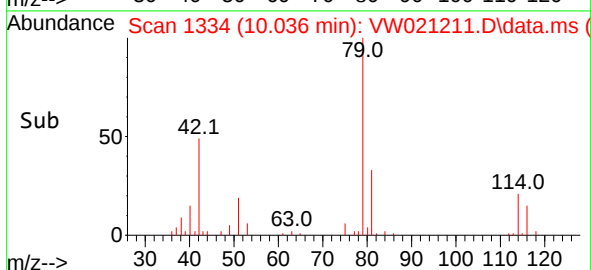
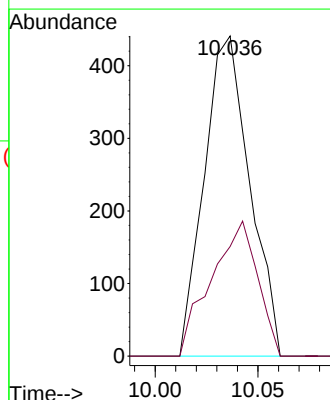
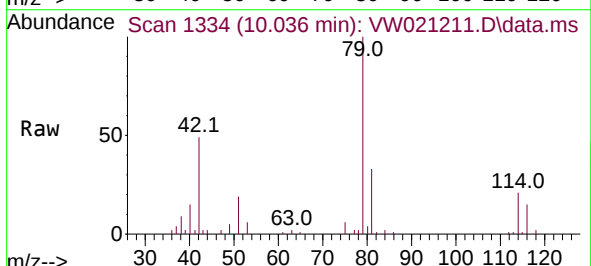
Acq: 07 Dec 2021 17:53

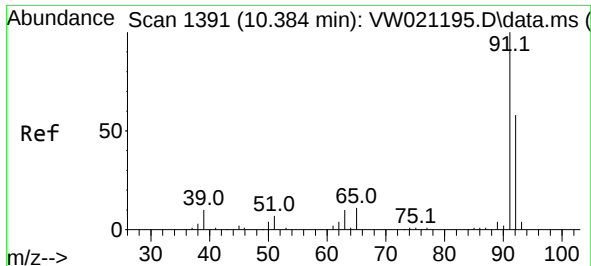
Tgt Ion: 75 Resp: 677

Ion Ratio Lower Upper

75 100

77 34.2 21.8 40.6





#42

Toluene

Concen: 1.908 ug/L

RT: 10.390 min Scan# 1469

Delta R.T. 0.006 min

Lab File: VW021211.D

Acq: 07 Dec 2021 17:53

Instrument :

MSVOA_W

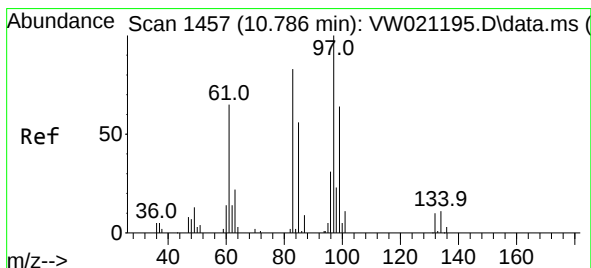
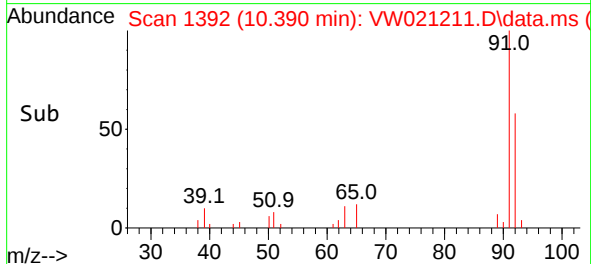
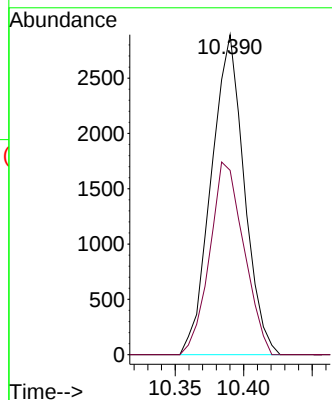
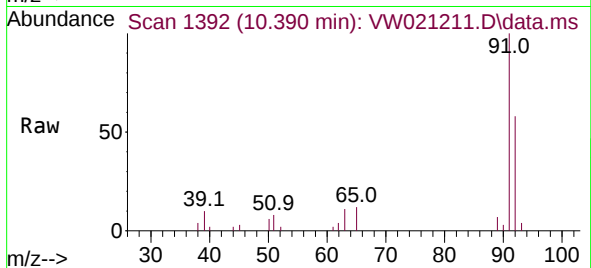
ClientSampleId :

Tgt Ion: 91 Resp: 4833

Ion Ratio Lower Upper

91 100

92 57.6 41.7 77.5



#45

1,1,2-Trichloroethane

Concen: 2.033 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. 0.073 min

Lab File: VW021211.D

Acq: 07 Dec 2021 17:53

Tgt Ion: 97 Resp: 854

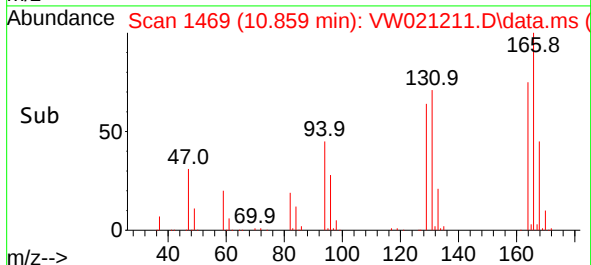
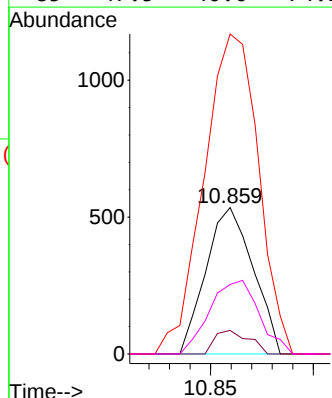
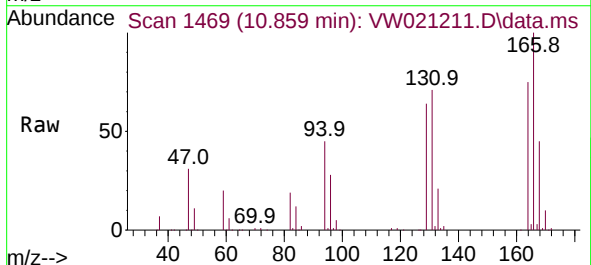
Ion Ratio Lower Upper

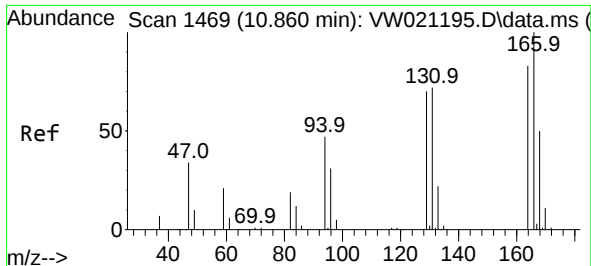
97 100

99 16.1 43.0 79.8#

83 218.5 62.6 116.3#

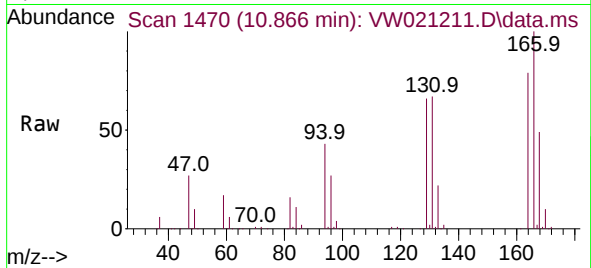
85 47.5 40.0 74.2



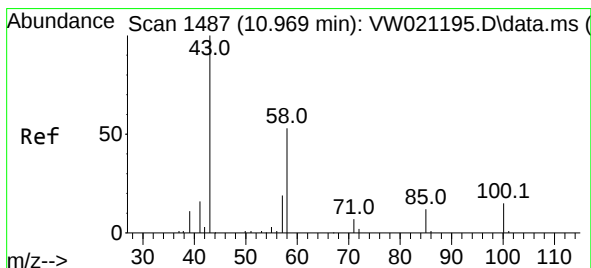
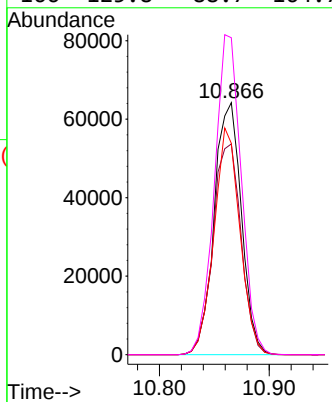
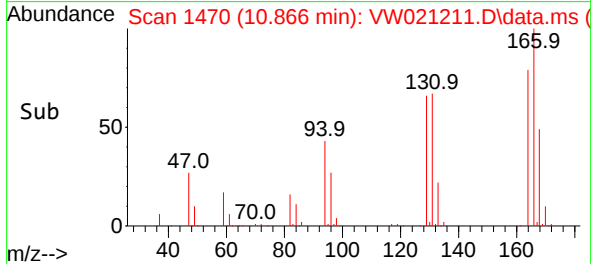


#46
Tetrachloroethene
Concen: 198.199 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW021211.D
Acq: 07 Dec 2021 17:53

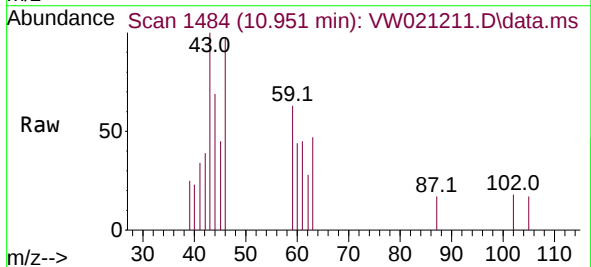
Instrument :
MSVOA_W
ClientSampleId :



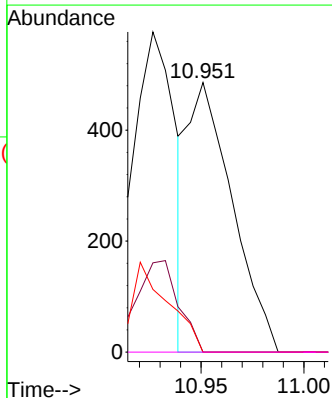
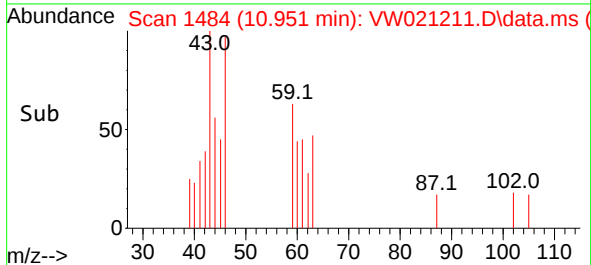
Tgt Ion:164 Resp: 111022
Ion Ratio Lower Upper
164 100
129 83.6 65.5 121.7
131 83.9 59.7 110.9
166 125.8 88.7 164.7

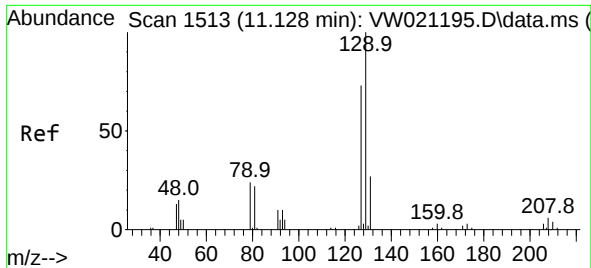


#48
2-Hexanone
Concen: 2.968 ug/L
RT: 10.951 min Scan# 1484
Delta R.T. -0.018 min
Lab File: VW021211.D
Acq: 07 Dec 2021 17:53



Tgt Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
58 0.0 40.2 60.2#
57 0.0 14.3 21.5#
100 0.0 8.0 12.0#

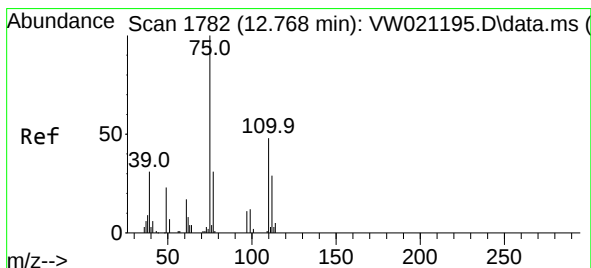
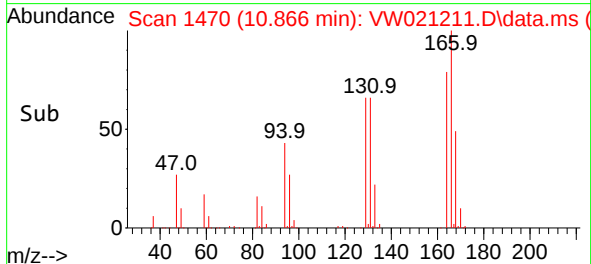
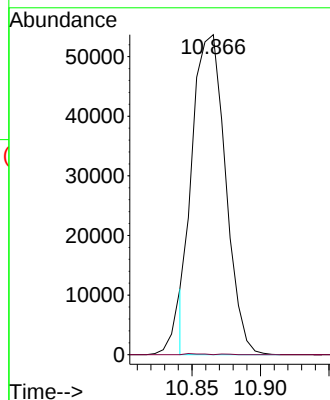
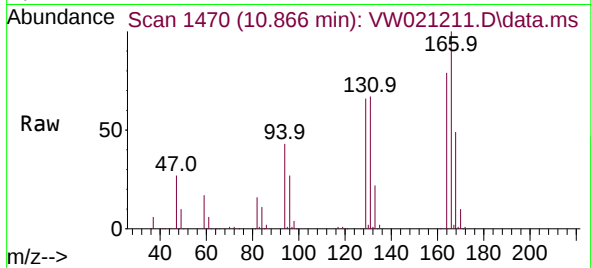




#49
Dibromochloromethane
Concen: 171.611 ug/L
RT: 10.866 min Scan# 14
Delta R.T. -0.262 min
Lab File: VW021211.D
Acq: 07 Dec 2021 17:53

Instrument :
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Tgt Ion:129 Resp: 90118
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#61
1,2,3-Trichloropropane
Concen: 1.174 ug/L
RT: 12.597 min Scan# 1754
Delta R.T. -0.171 min
Lab File: VW021211.D
Acq: 07 Dec 2021 17:53

Tgt Ion: 75 Resp: 149
Ion Ratio Lower Upper
75 100
77 0.0 25.8 38.8#
110 0.0 29.0 43.4#

