

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021143.D
 Acq On : 05 Dec 2021 02:38
 Operator : SY/VA
 Sample : M4883-19RE
 Misc : 3.75g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 04:29:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

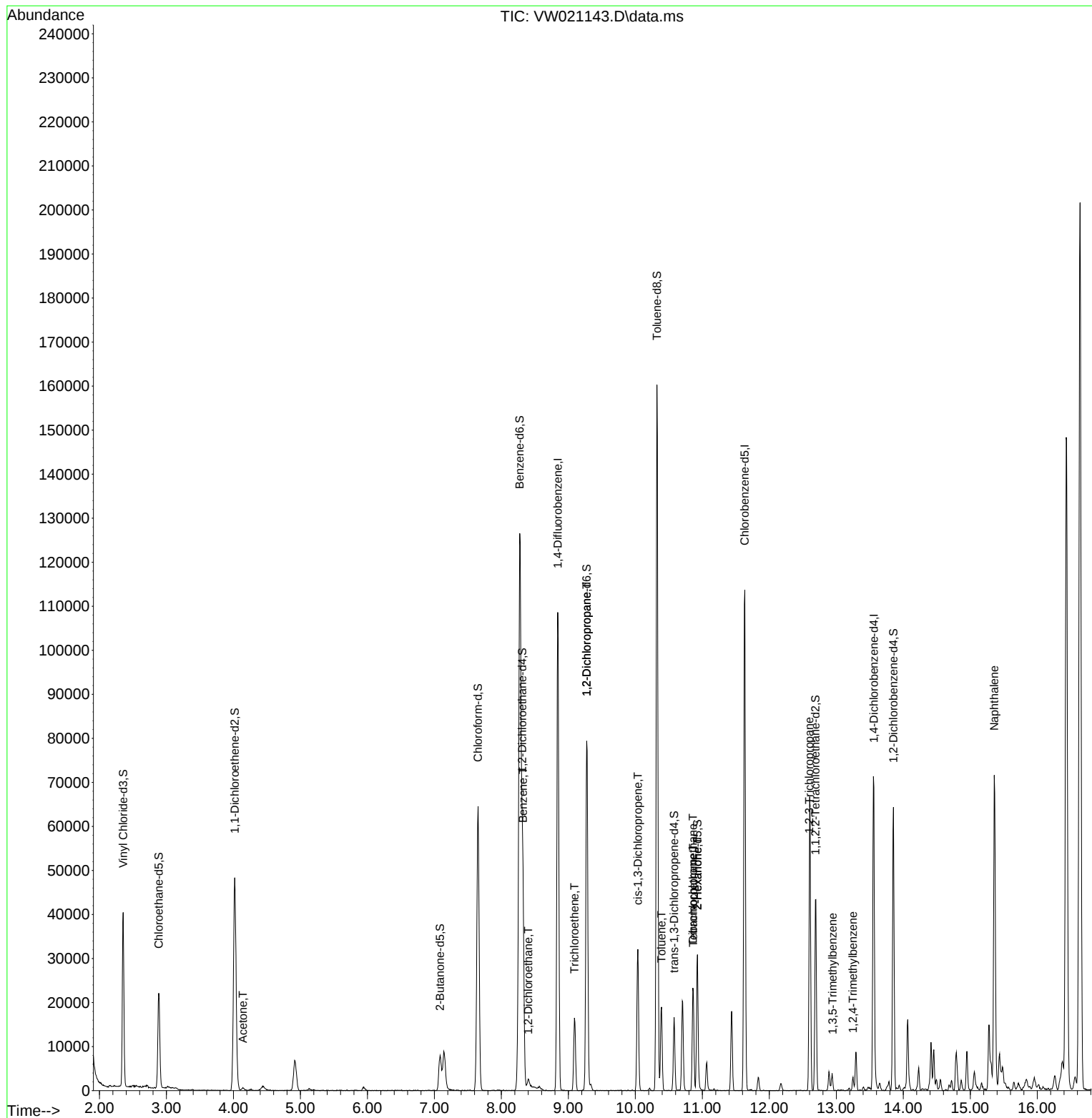
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	92402	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	63528	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	20058	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	36799	28.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.320%	
7) Chloroethane-d5	2.885	69	24722	28.686	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.760%	
11) 1,1-Dichloroethene-d2	4.019	63	44225	21.503	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 86.000%	
21) 2-Butanone-d5	7.086	46	13680	46.586	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 93.180%	
24) Chloroform-d	7.653	84	62282	26.914	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.640%	
26) 1,2-Dichloroethane-d4	8.311	65	32160	25.403	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 101.600%	
32) Benzene-d6	8.274	84	120824	37.197	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 148.800%#	
36) 1,2-Dichloropropane-d6	9.274	67	33844	37.493	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 149.960%#	
41) Toluene-d8	10.323	98	102648	30.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 123.280%	
43) trans-1,3-Dichloroprop...	10.579	79	8442	20.596	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 82.400%	
47) 2-Hexanone-d5	10.926	63	9848	57.022	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 114.040%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20019	23.972	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 95.880%	
66) 1,2-Dichlorobenzene-d4	13.853	152	16372	22.781	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 91.120%	
Target Compounds						
						Qvalue
13) Acetone	4.141	43	1177	4.400	ug/L	91
27) 1,2-Dichloroethane	8.403	62	1270	0.854	ug/L #	93
33) Benzene	8.323	78	28496	7.888	ug/L	100
34) Trichloroethene	9.091	95	5313	5.331	ug/L	88
37) 1,2-Dichloropropane	9.274	63	4572	5.599	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1087	0.823	ug/L	98
42) Toluene	10.390	91	14169	3.434	ug/L	93
46) Tetrachloroethene	10.866	164	5205	5.703	ug/L	82
48) 2-Hexanone	10.926	43	1517	3.781	ug/L #	67
49) Dibromochloromethane	10.859	129	4328	5.059	ug/L #	10
61) 1,2,3-Trichloropropane	12.597	75	641	1.908	ug/L #	67
62) 1,3,5-Trimethylbenzene	12.944	105	1560	0.668	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	1979	0.843	ug/L	94
71) Naphthalene	15.359	128	60842	41.289	ug/L	99

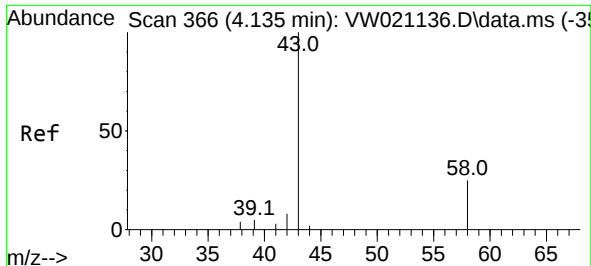
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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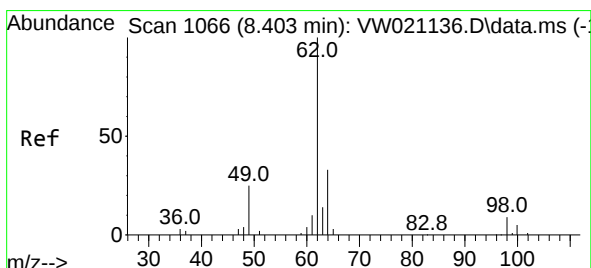
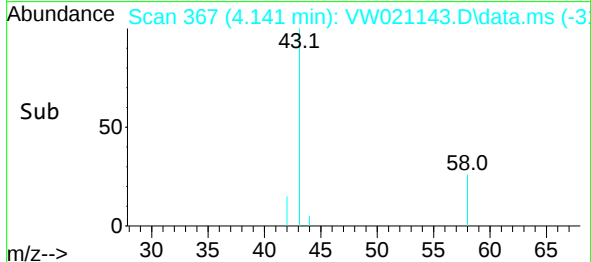
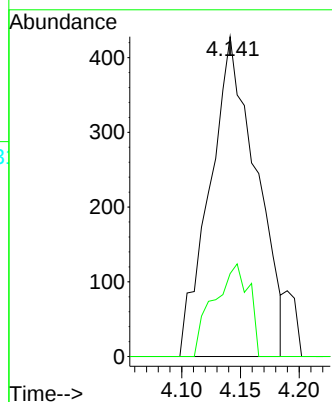
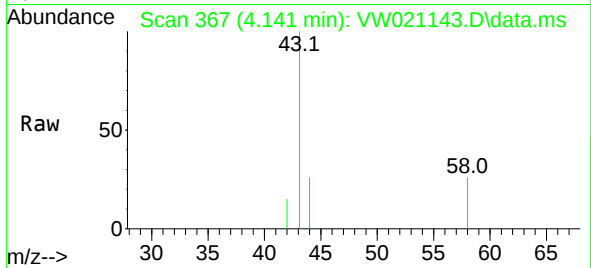




#13
Acetone
Concen: 4.400 ug/L
RT: 4.141 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

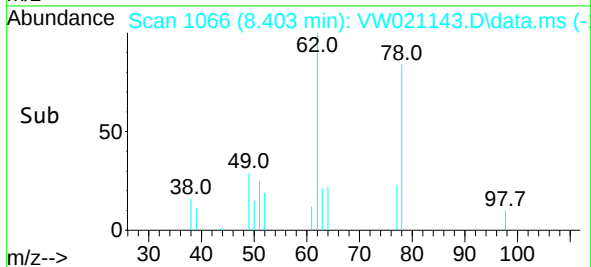
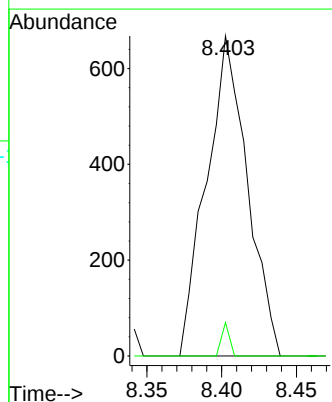
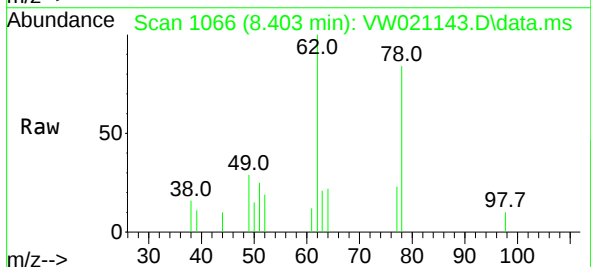
Instrument :
MSVOA_W
ClientSampleId :

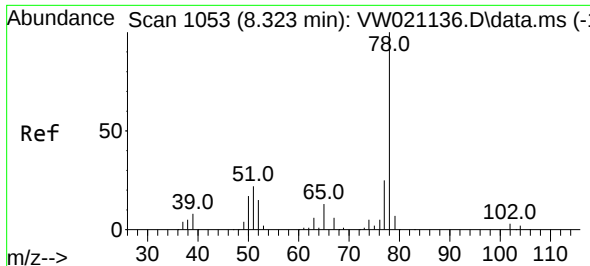
Tgt Ion: 43 Resp: 1177
Ion Ratio Lower Upper
43 100
58 21.9 0.0 52.8



#27
1,2-Dichloroethane
Concen: 0.854 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

Tgt Ion: 62 Resp: 1270
Ion Ratio Lower Upper
62 100
98 10.5 6.5 9.7#

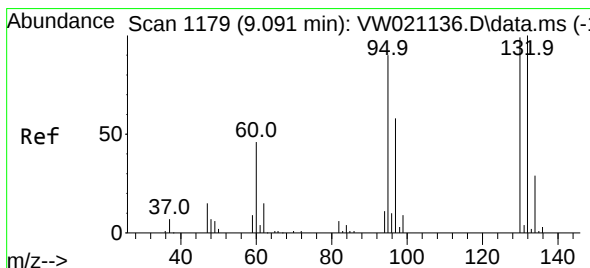
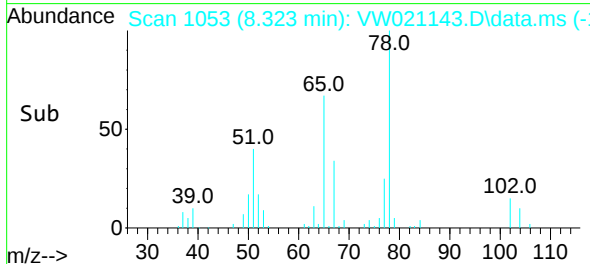
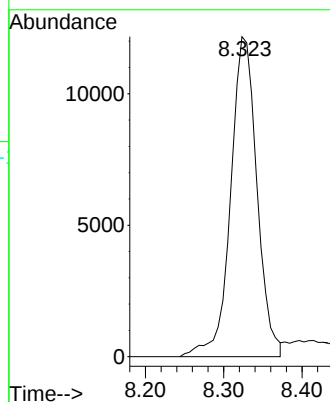
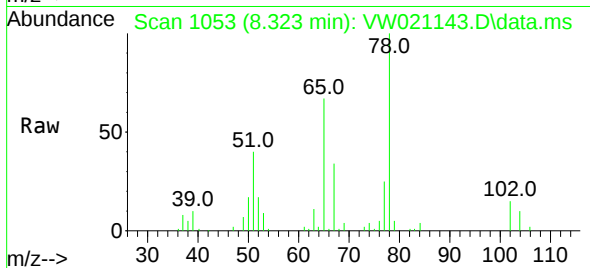




#33
Benzene
Concen: 7.888 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

Instrument :
MSVOA_W
ClientSampleId :

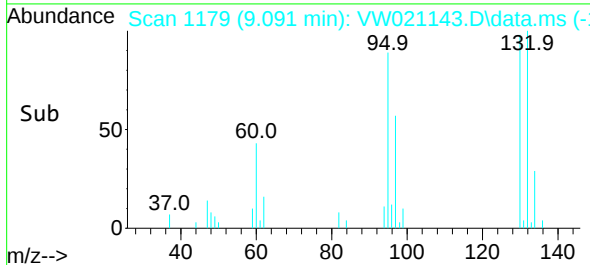
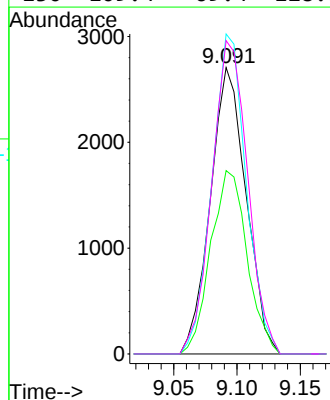
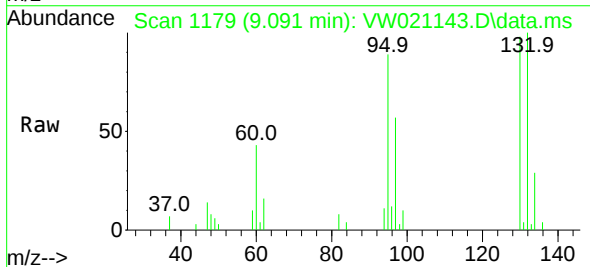
Tgt Ion: 78 Resp: 28496

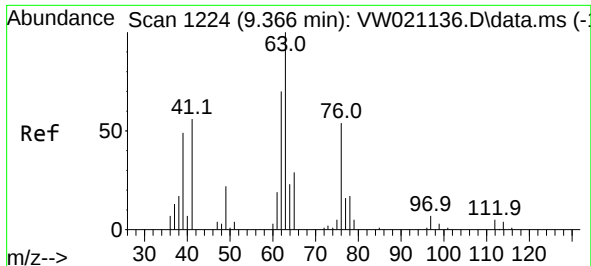


#34
Trichloroethene
Concen: 5.331 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

Tgt Ion: 95 Resp: 5313

Ion	Ratio	Lower	Upper
95	100		
97	64.0	47.0	87.2
132	111.8	65.5	121.6
130	109.4	69.4	128.8





#37

1,2-Dichloropropane

Concen: 5.599 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021143.D

Acq: 05 Dec 2021 02:38

Instrument :

MSVOA_W

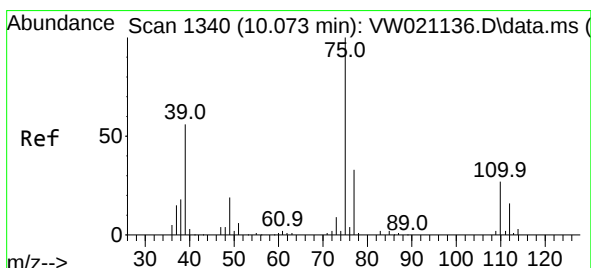
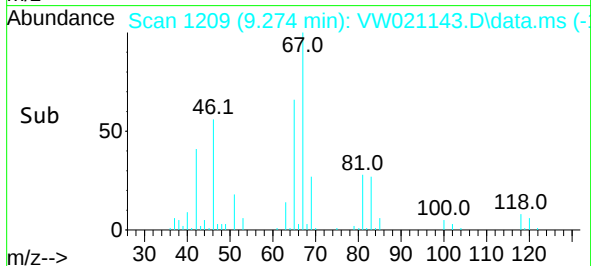
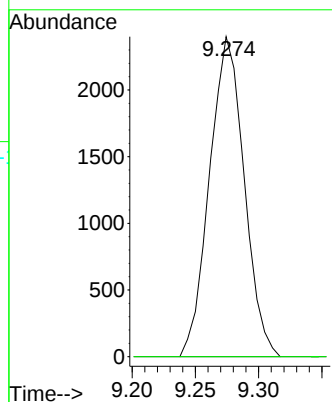
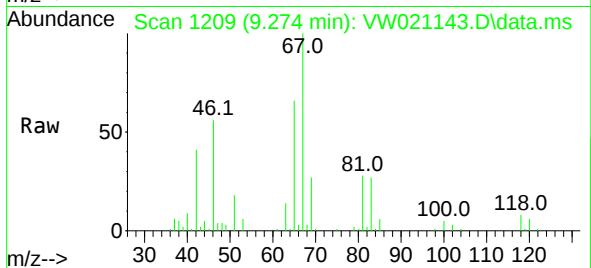
ClientSampleId :

Tgt Ion: 63 Resp: 4572

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.823 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021143.D

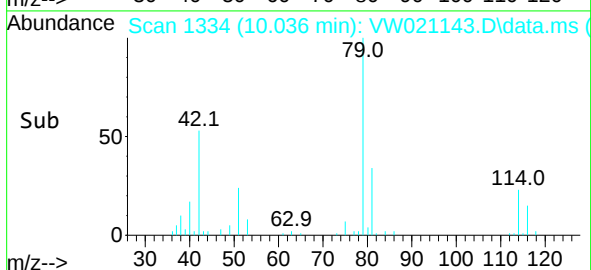
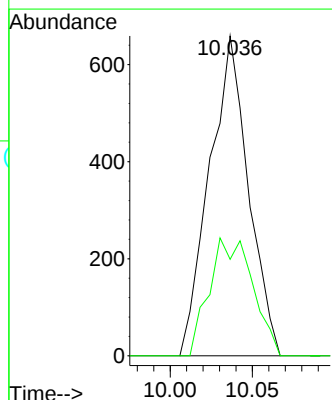
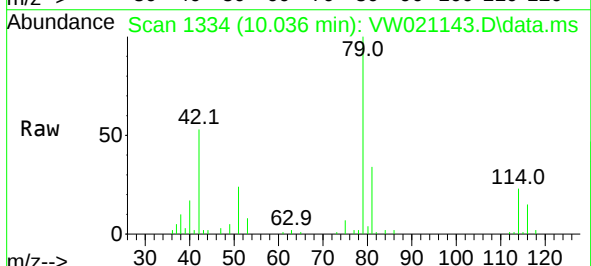
Acq: 05 Dec 2021 02:38

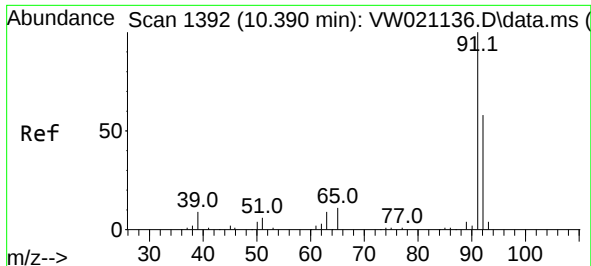
Tgt Ion: 75 Resp: 1087

Ion Ratio Lower Upper

75 100

77 30.2 21.8 40.6





#42

Toluene

Concen: 3.434 ug/L

RT: 10.390 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021143.D

Acq: 05 Dec 2021 02:38

Instrument :

MSVOA_W

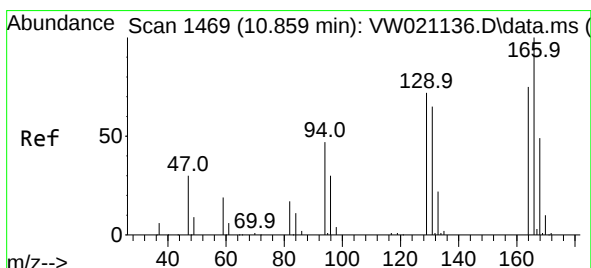
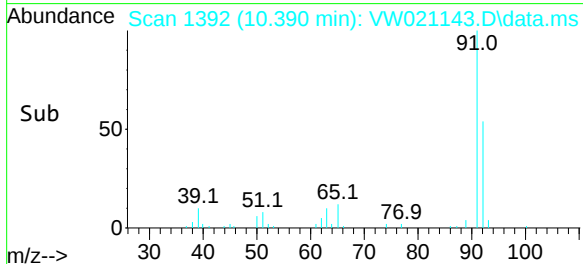
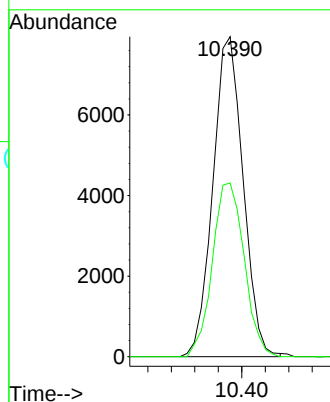
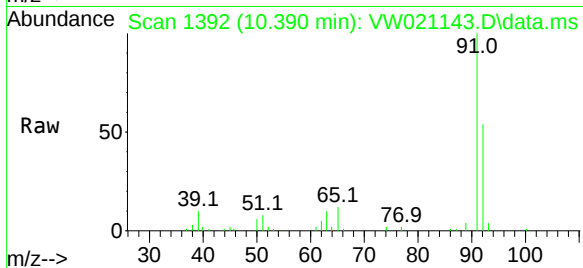
ClientSampleId :

Tgt Ion: 91 Resp: 14169

Ion Ratio Lower Upper

91 100

92 54.3 41.7 77.5



#46

Tetrachloroethene

Concen: 5.703 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VW021143.D

Acq: 05 Dec 2021 02:38

Tgt Ion: 164 Resp: 5205

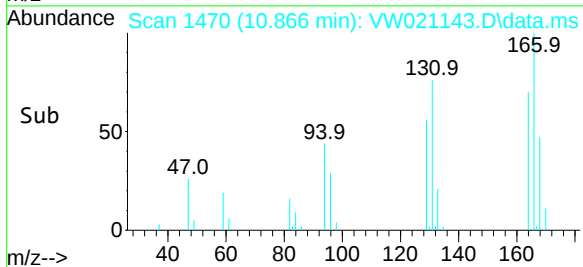
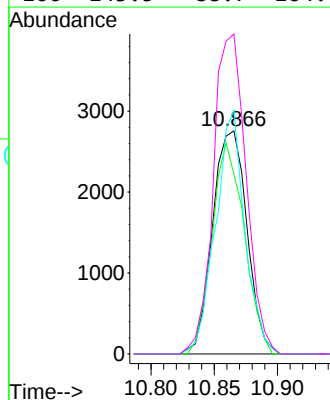
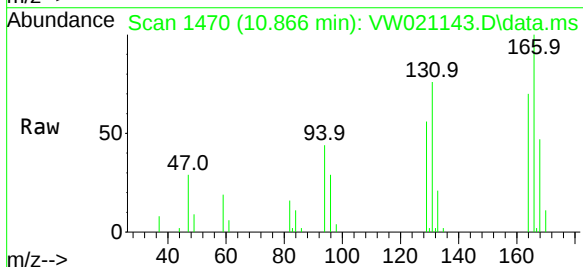
Ion Ratio Lower Upper

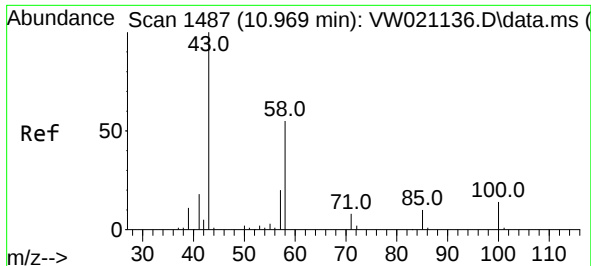
164 100

129 80.6 65.5 121.7

131 109.3 59.7 110.9

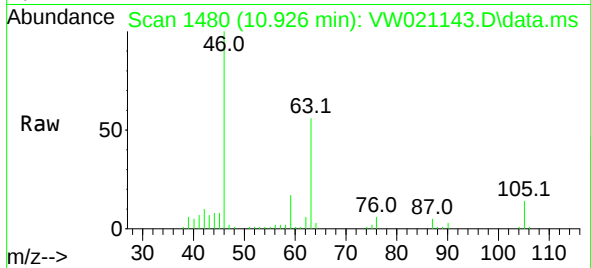
166 143.5 88.7 164.7



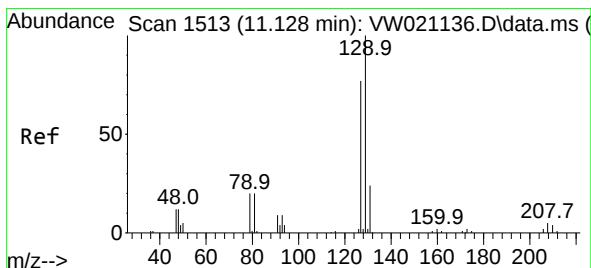
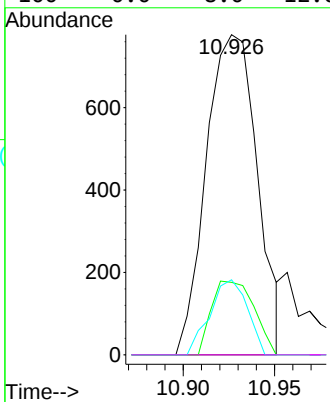
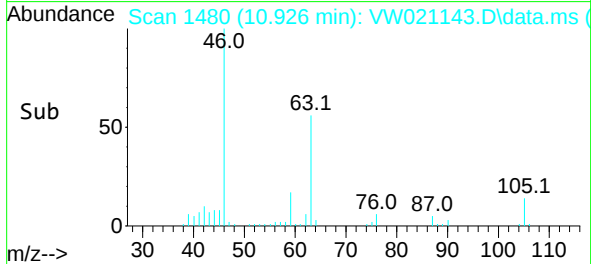


#48
2-Hexanone
Concen: 3.781 ug/L
RT: 10.926 min Scan# 1487
Delta R.T. -0.043 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

Instrument :
MSVOA_W
ClientSampleId :

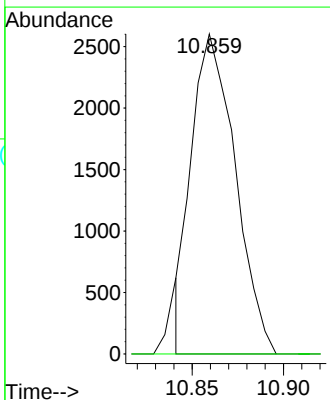
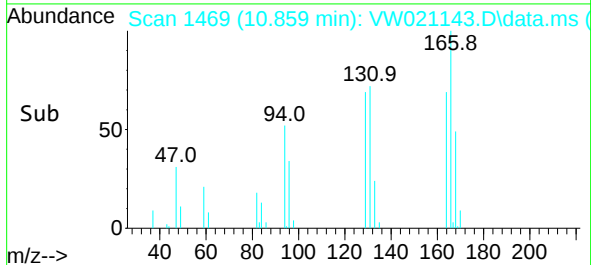
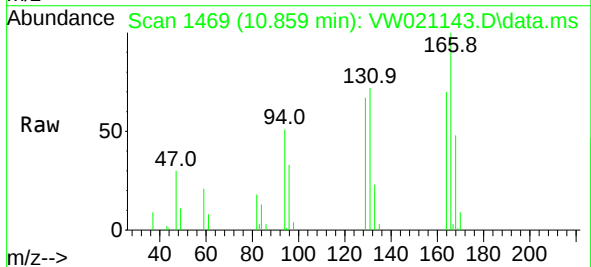


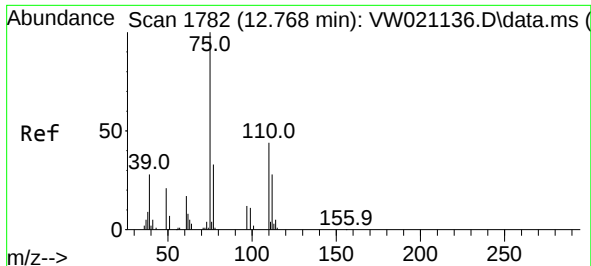
Tgt Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
58 19.1 40.2 60.2#
57 17.1 14.3 21.5
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 5.059 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

Tgt Ion: 129 Resp: 4328
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 1.908 ug/L

RT: 12.597 min Scan# 11

Delta R.T. -0.171 min

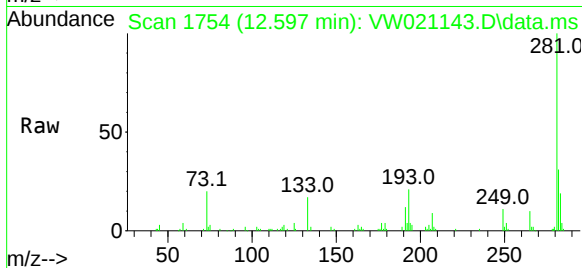
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Acq: 05 Dec 2021 02:38

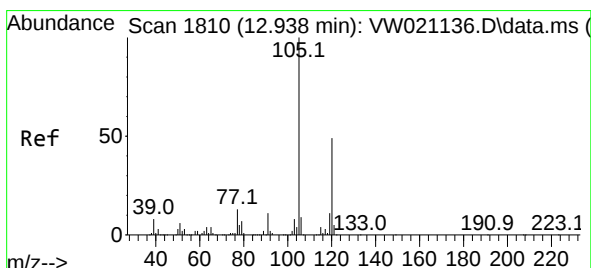
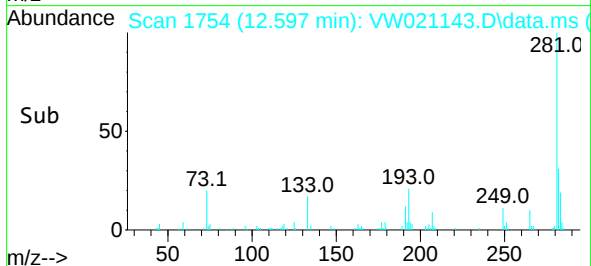
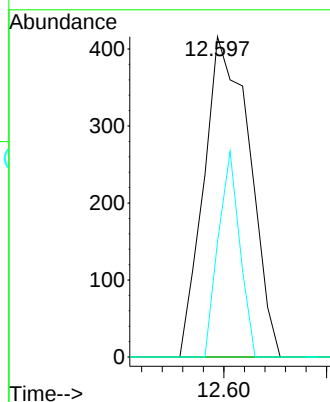
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	75	Resp:	641
Ion Ratio	Lower	Upper	
75	100		
77	0.0	25.8	38.8#
110	30.1	29.0	43.4



#62

1,3,5-Trimethylbenzene

Concen: 0.668 ug/L

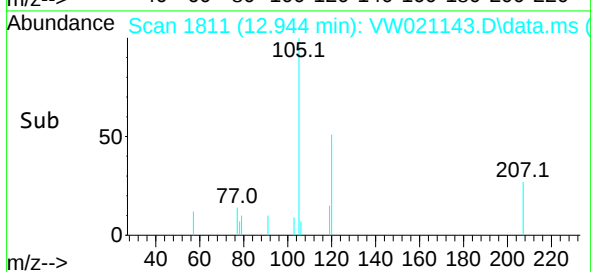
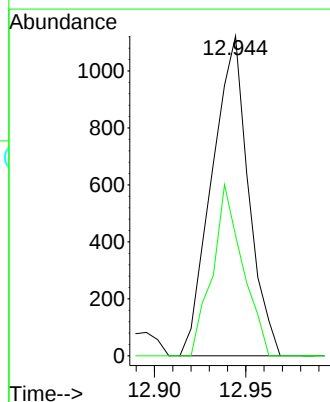
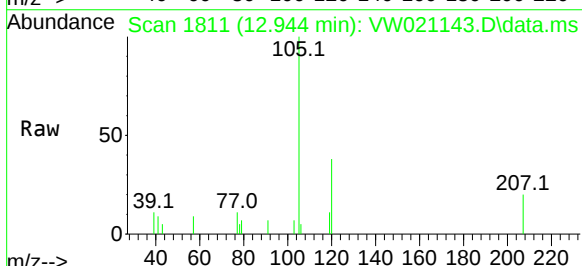
RT: 12.944 min Scan# 1811

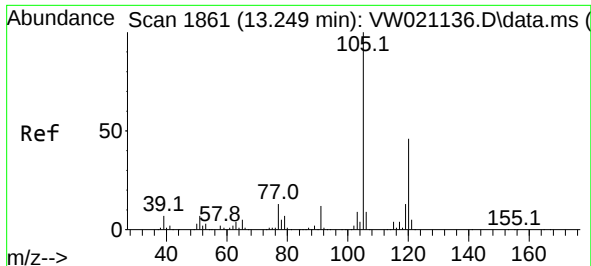
Delta R.T. -0.000 min

Lab File: VW021143.D

Acq: 05 Dec 2021 02:38

Tgt Ion:	105	Resp:	1560
Ion Ratio	Lower	Upper	
105	100		
120	44.3	37.4	56.2

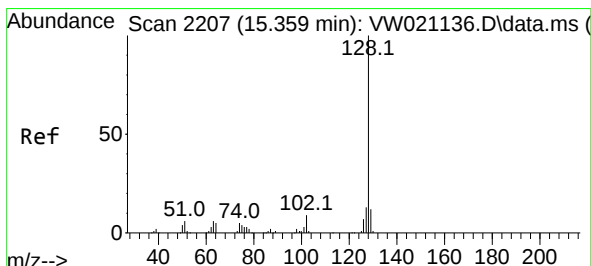
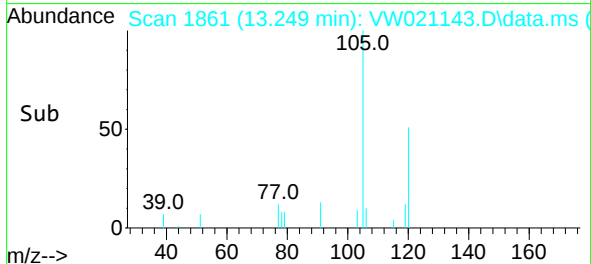
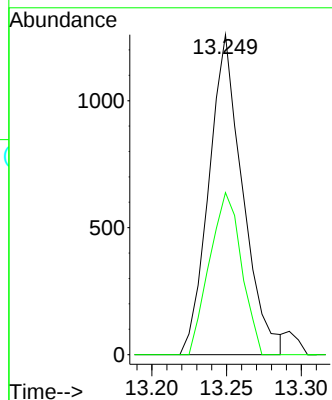
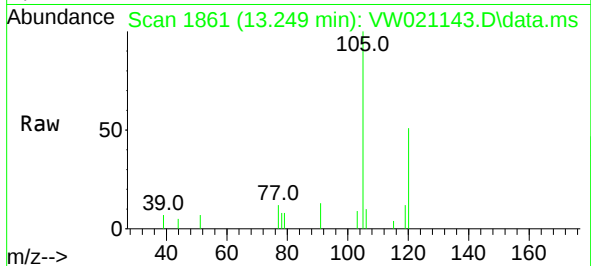




#63
1,2,4-Trimethylbenzene
Concen: 0.843 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 1979
Ion Ratio Lower Upper
105 100
120 47.9 35.0 52.6



#71
Naphthalene
Concen: 41.289 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW021143.D
Acq: 05 Dec 2021 02:38

Tgt Ion:128 Resp: 60842
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.5 8.6 12.8

