

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120421\
 Data File : VW021145.D
 Acq On : 05 Dec 2021 03:26
 Operator : SY/VA
 Sample : M4886-06RE
 Misc : 3.69g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 04:30:04 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)

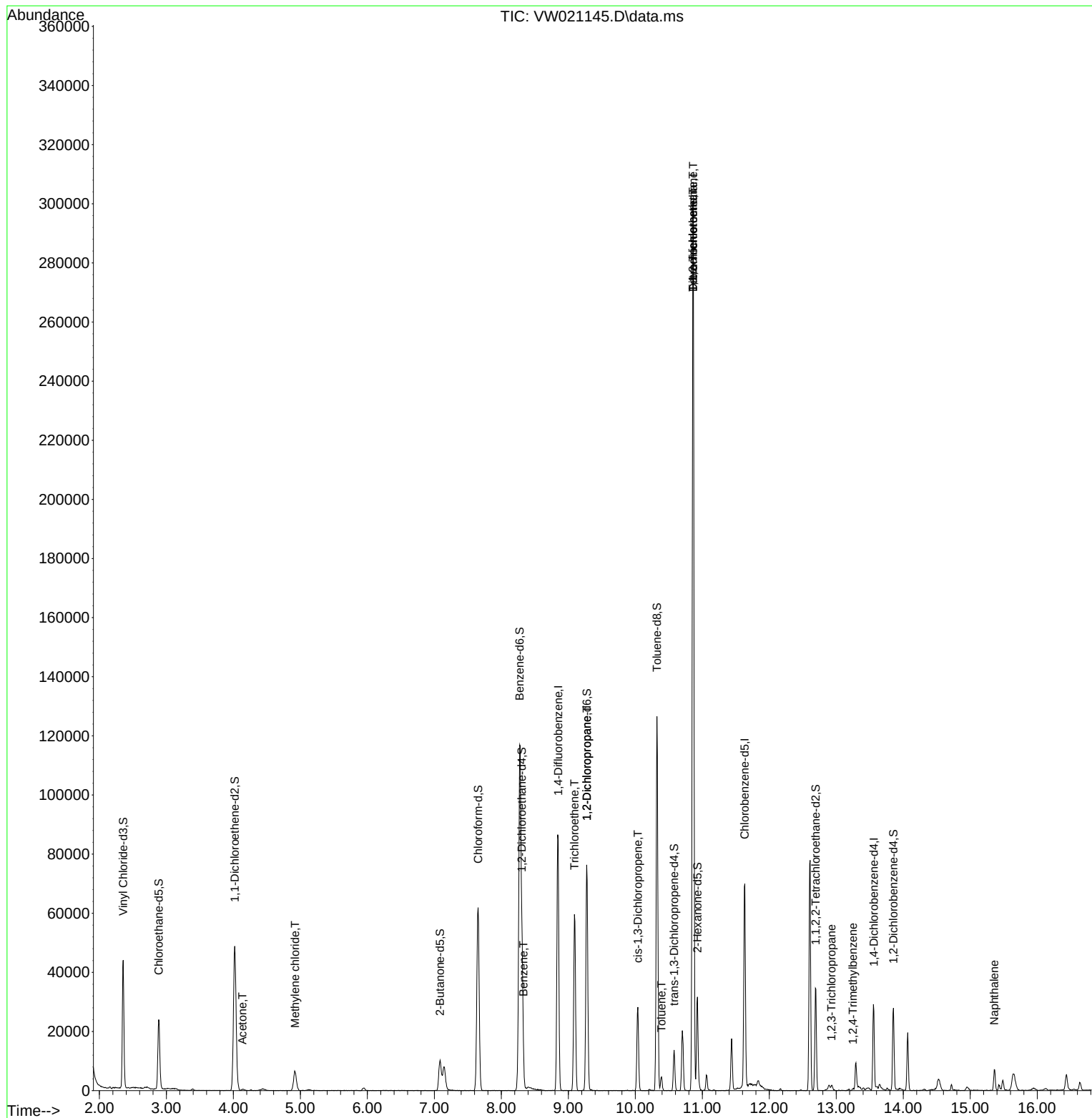
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	75491	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	38757	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	7875	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	40517	38.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 154.080%#	
7) Chloroethane-d5	2.885	69	26886	38.185	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 152.760%#	
11) 1,1-Dichloroethene-d2	4.019	63	44794	26.659	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.640%	
21) 2-Butanone-d5	7.086	46	17318	72.186	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 144.380%#	
24) Chloroform-d	7.653	84	62328	32.968	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 131.880%	
26) 1,2-Dichloroethane-d4	8.305	65	33629	32.514	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 130.040%#	
32) Benzene-d6	8.275	84	116402	58.739	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 234.960%#	
36) 1,2-Dichloropropane-d6	9.274	67	31887	57.902	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 231.600%#	
41) Toluene-d8	10.323	98	80815	39.772	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 159.080%#	
43) trans-1,3-Dichloroprop...	10.579	79	7139	28.549	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 114.200%	
47) 2-Hexanone-d5	10.927	63	10256	97.339	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 194.680%#	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	15528	30.478	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 121.920%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	7630	27.041	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 108.160%	
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	892	4.082	ug/L	97
16) Methylene chloride	4.922	84	5088	4.278	ug/L	77
33) Benzene	8.329	78	2153	0.977	ug/L	100
34) Trichloroethene	9.092	95	19395	31.898	ug/L	94
37) 1,2-Dichloropropane	9.274	63	4051	8.132	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	871	1.081	ug/L #	56
42) Toluene	10.390	91	3753	1.491	ug/L	100
45) 1,1,2-Trichloroethane	10.860	97	580	1.389	ug/L #	12
46) Tetrachloroethene	10.860	164	67346	120.957	ug/L	95
49) Dibromochloromethane	10.866	129	56992	109.187	ug/L #	10
61) 1,2,3-Trichloropropane	12.926	75	238	1.804	ug/L #	40
63) 1,2,4-Trimethylbenzene	13.249	105	852	0.924	ug/L	89
71) Naphthalene	15.359	128	6269	10.836	ug/L	99

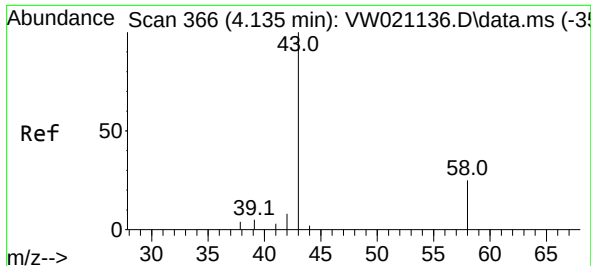
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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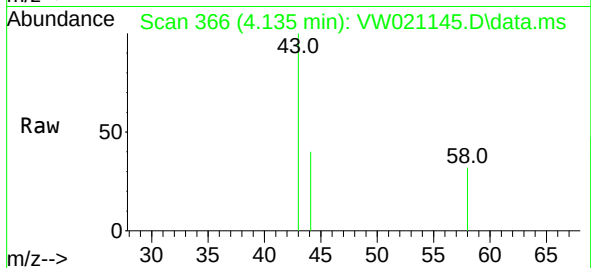
Quant Time: Dec 06 04:30:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 04 04:50:24 2021
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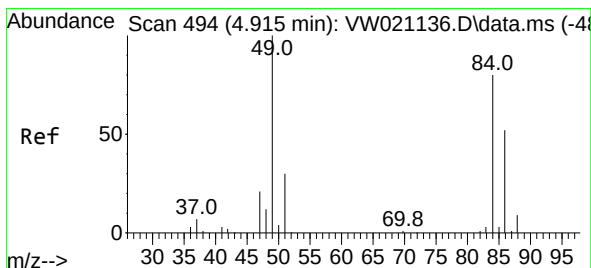
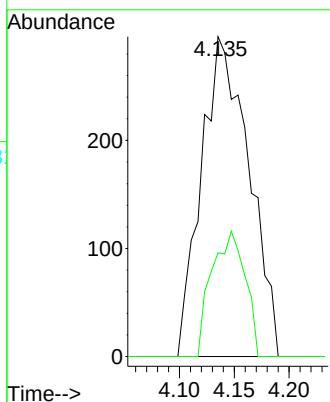
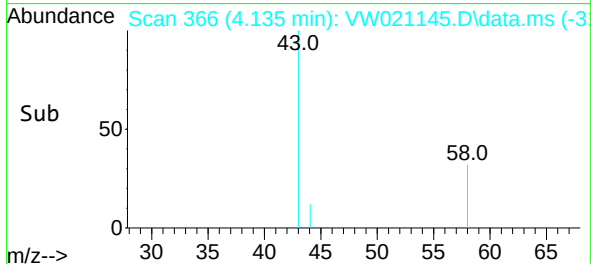


#13
Acetone
Concen: 4.082 ug/L
RT: 4.135 min Scan# 301
Delta R.T. -0.000 min
Lab File: VW021145.D
Acq: 05 Dec 2021 03:26

Instrument :
MSVOA_W
ClientSampleId :

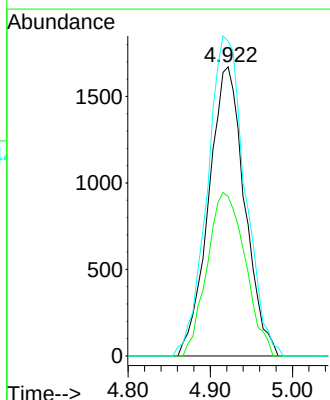
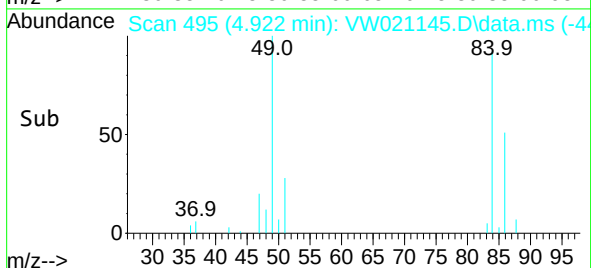
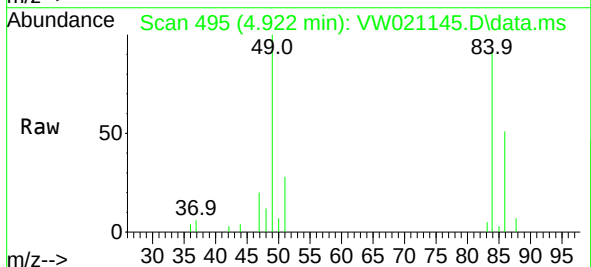


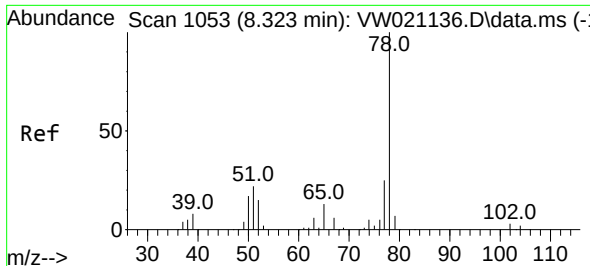
Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 27.7 0.0 52.8



#16
Methylene chloride
Concen: 4.278 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021145.D
Acq: 05 Dec 2021 03:26

Tgt Ion: 84 Resp: 5088
Ion Ratio Lower Upper
84 100
86 55.1 45.5 84.5
49 108.9 100.5 186.7

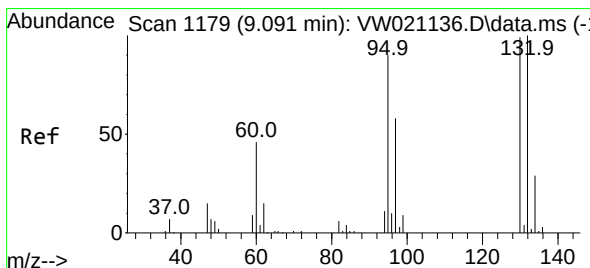
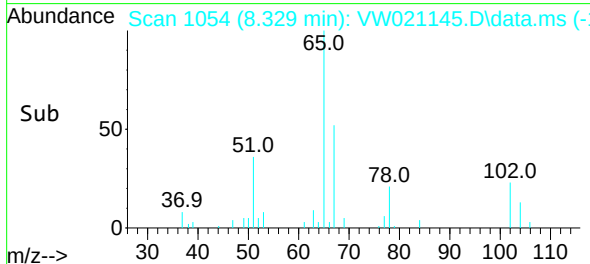
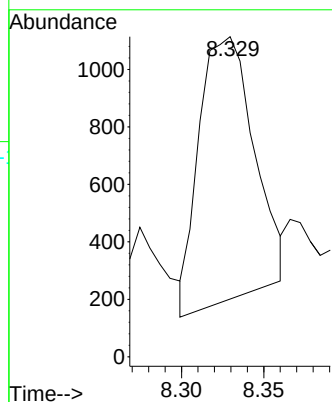
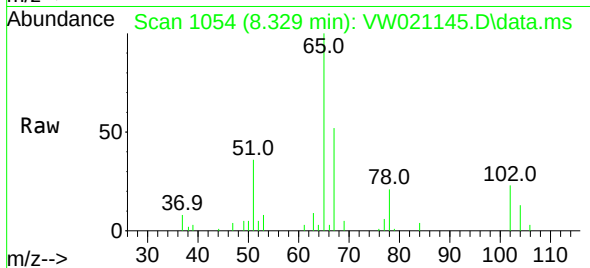




#33
Benzene
Concen: 0.977 ug/L
RT: 8.329 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW021145.D
Acq: 05 Dec 2021 03:26

Instrument :
MSVOA_W
ClientSampleId :

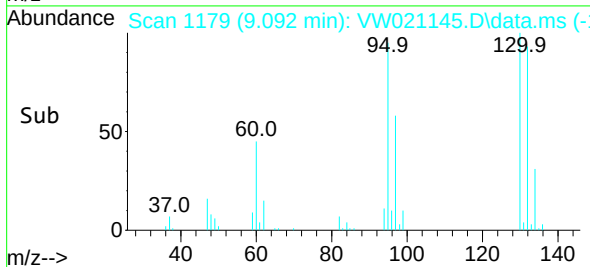
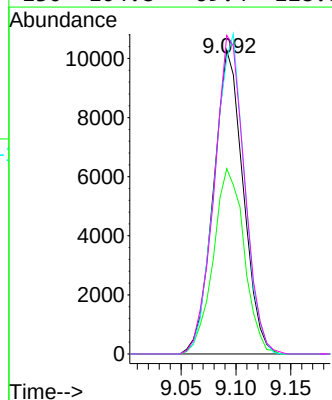
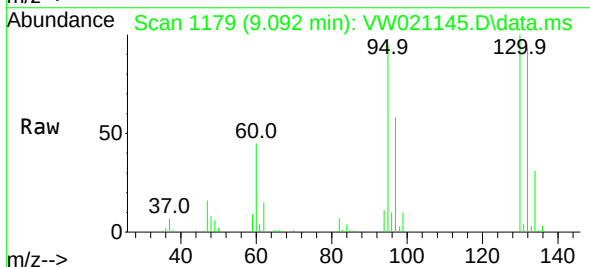
Tgt Ion: 78 Resp: 2153

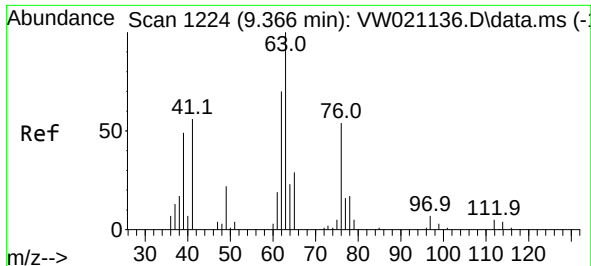


#34
Trichloroethene
Concen: 31.898 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021145.D
Acq: 05 Dec 2021 03:26

Tgt Ion: 95 Resp: 19395

Ion	Ratio	Lower	Upper
95	100		
97	61.0	47.0	87.2
132	97.2	65.5	121.6
130	104.8	69.4	128.8





#37

1,2-Dichloropropane

Concen: 8.132 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021145.D

Acq: 05 Dec 2021 03:26

Instrument :

MSVOA_W

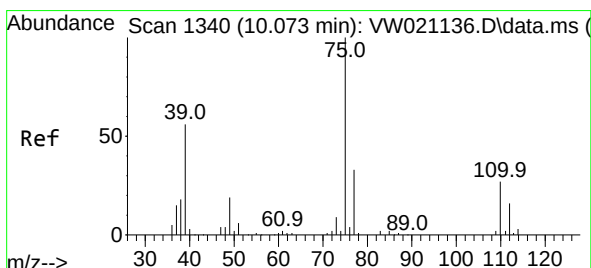
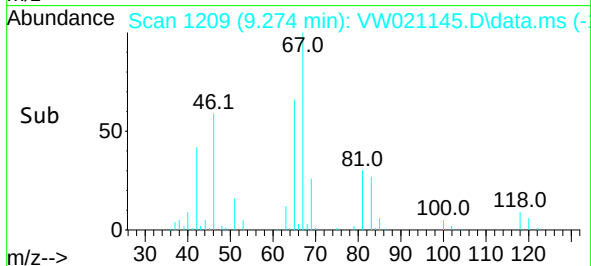
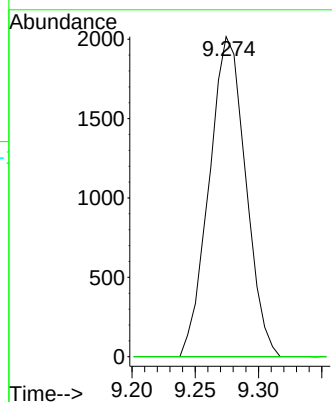
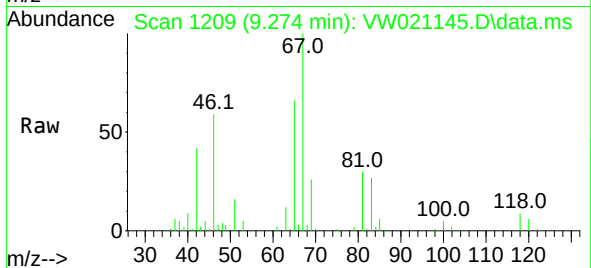
ClientSampleId :

Tgt Ion: 63 Resp: 4051

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 1.081 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021145.D

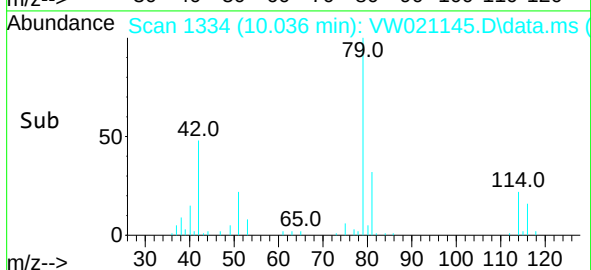
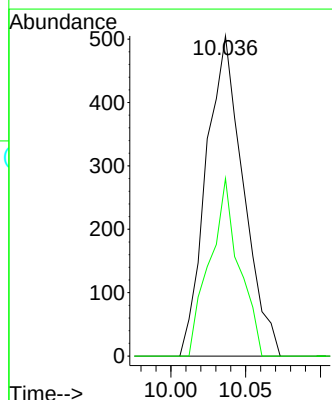
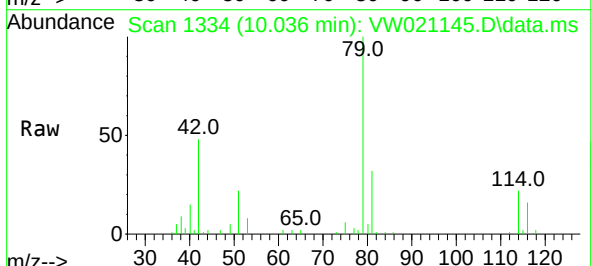
Acq: 05 Dec 2021 03:26

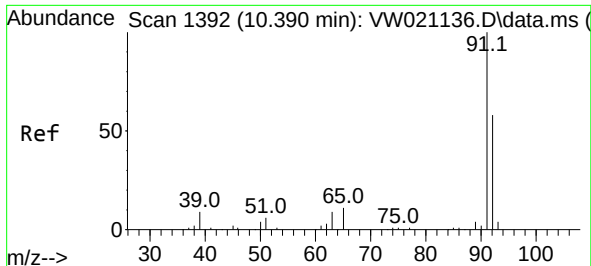
Tgt Ion: 75 Resp: 871

Ion Ratio Lower Upper

75 100

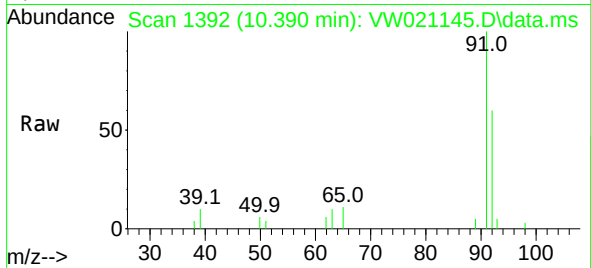
77 55.4 21.8 40.6#



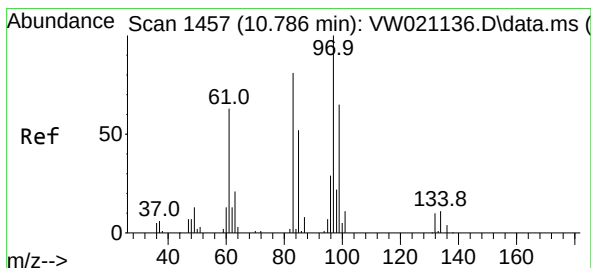
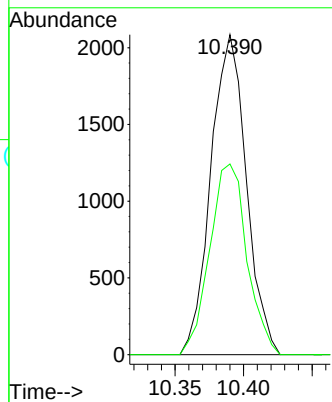
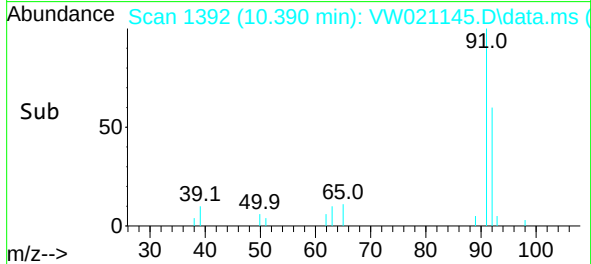


#42
Toluene
Concen: 1.491 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021145.D
Acq: 05 Dec 2021 03:26

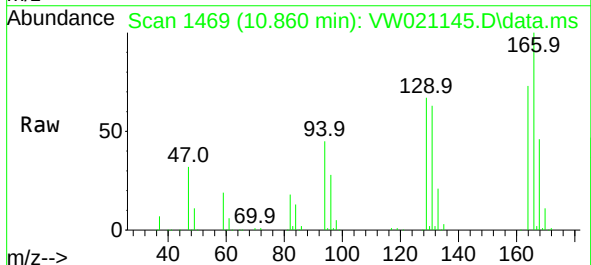
Instrument :
MSVOA_W
ClientSampleId :



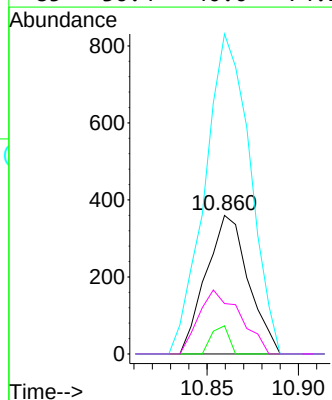
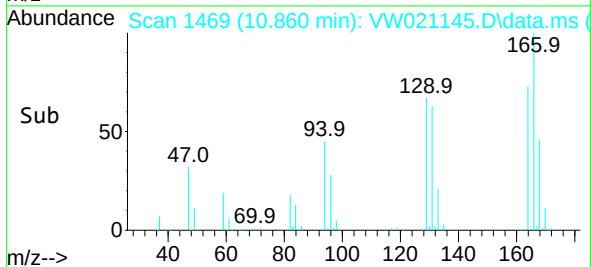
Tgt Ion: 91 Resp: 3753
Ion Ratio Lower Upper
91 100
92 59.6 41.7 77.5

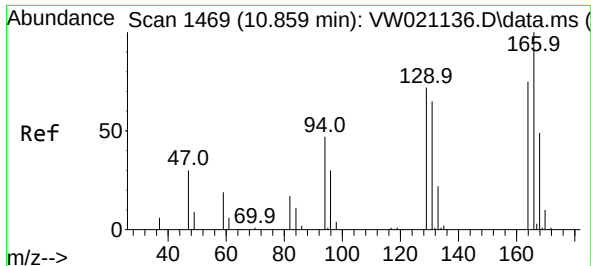


#45
1,1,2-Trichloroethane
Concen: 1.389 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.073 min
Lab File: VW021145.D
Acq: 05 Dec 2021 03:26



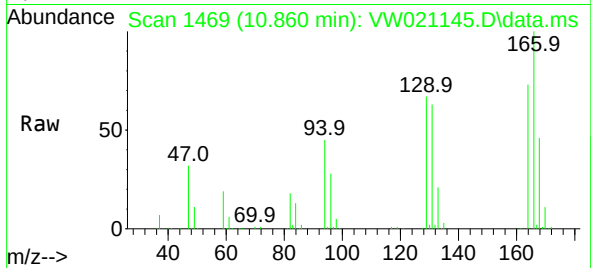
Tgt Ion: 97 Resp: 580
Ion Ratio Lower Upper
97 100
99 20.3 43.0 79.8#
83 230.8 62.6 116.3#
85 36.4 40.0 74.2#



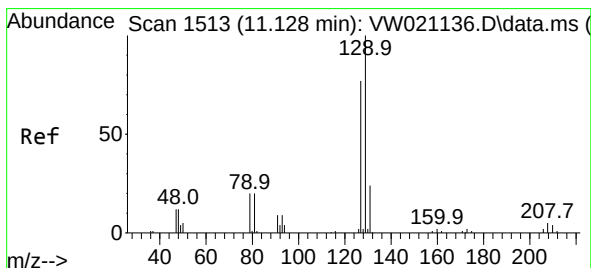
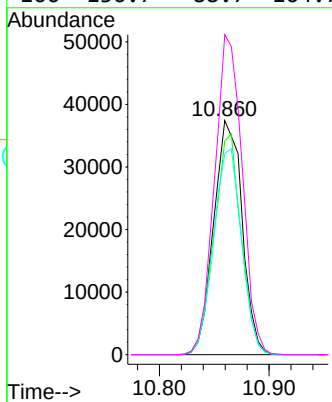
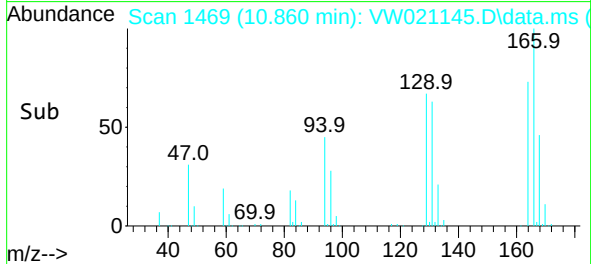


#46
Tetrachloroethene
Concen: 120.957 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021145.D
Acq: 05 Dec 2021 03:26

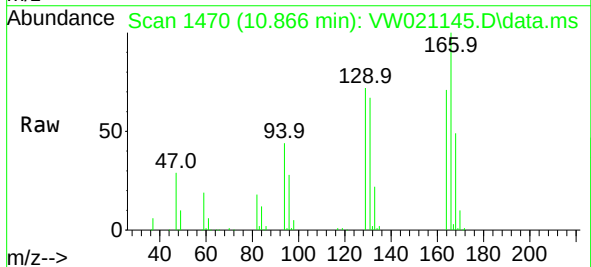
Instrument :
MSVOA_W
ClientSampleId :



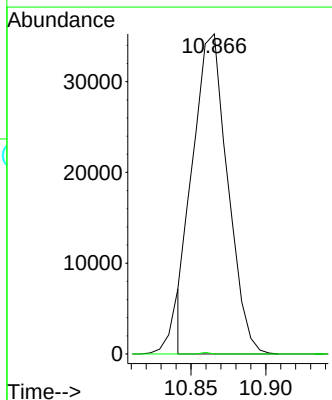
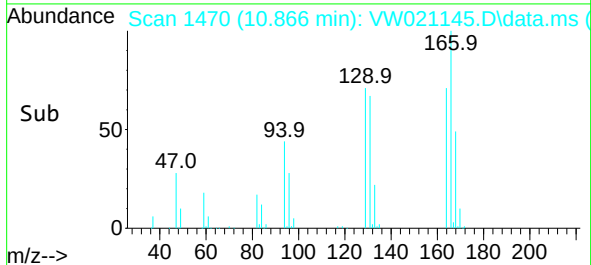
Tgt Ion:164 Resp: 67346
Ion Ratio Lower Upper
164 100
129 91.3 65.5 121.7
131 85.9 59.7 110.9
166 136.7 88.7 164.7

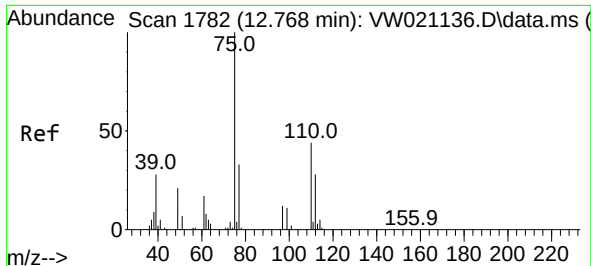


#49
Dibromochloromethane
Concen: 109.187 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW021145.D
Acq: 05 Dec 2021 03:26



Tgt Ion:129 Resp: 56992
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 1.804 ug/L

RT: 12.926 min Scan# 11

Delta R.T. 0.158 min

Lab File: VW021145.D

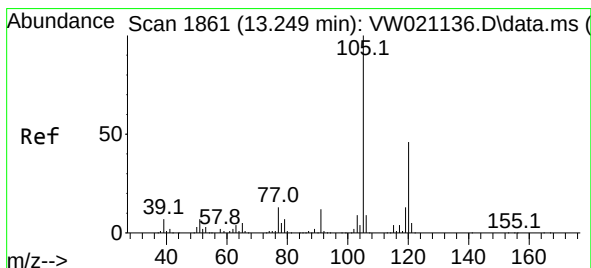
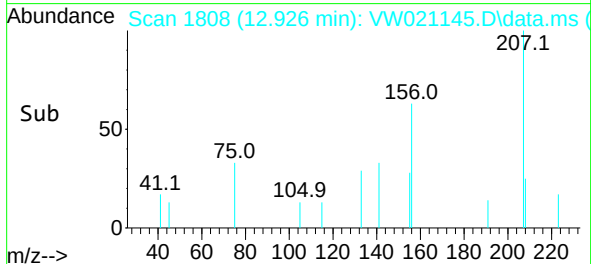
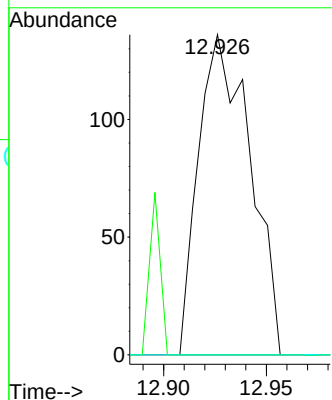
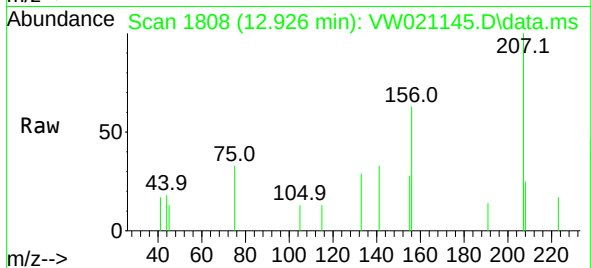
Acq: 05 Dec 2021 03:26

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 238
Ion Ratio	Lower Upper
75	100
77	0.0 25.8 38.8#
110	0.0 29.0 43.4#



#63

1,2,4-Trimethylbenzene

Concen: 0.924 ug/L

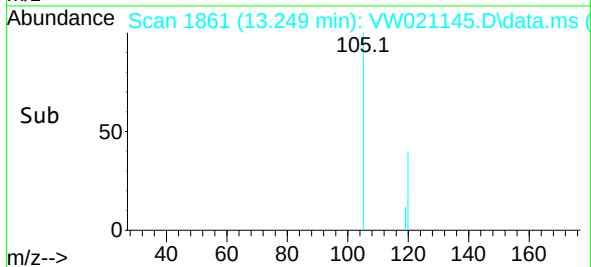
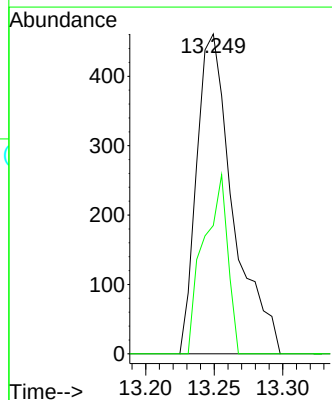
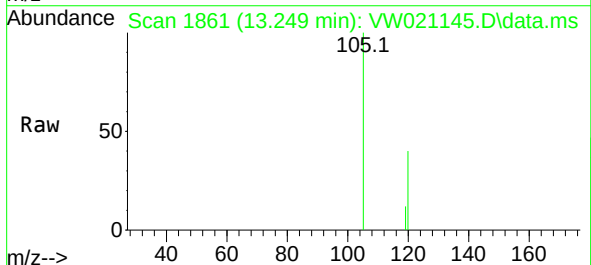
RT: 13.249 min Scan# 1861

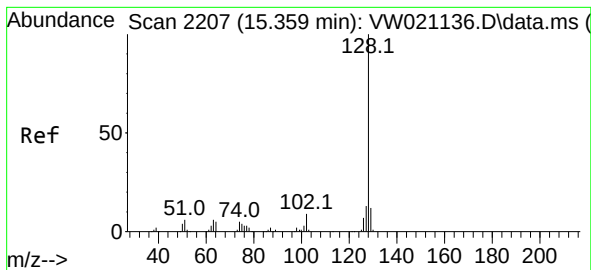
Delta R.T. -0.000 min

Lab File: VW021145.D

Acq: 05 Dec 2021 03:26

Tgt Ion: 105	Resp: 852
Ion Ratio	Lower Upper
105	100
120	36.7 35.0 52.6





#71

Naphthalene

Concen: 10.836 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min MSVOA_W

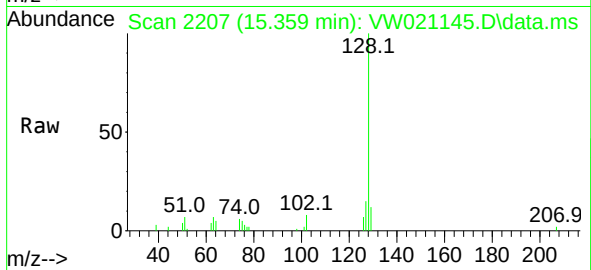
Lab File: VW021145.D

Acq: 05 Dec 2021 03:26

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:128 Resp: 6269

Ion Ratio Lower Upper

128 100

127 13.8 10.7 16.1

129 11.4 8.6 12.8

