

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021258.D
 Acq On : 09 Dec 2021 22:11
 Operator : SY/VA
 Sample : M4883-13RE
 Misc : 4.29g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 00:34:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 00:28:10 2021
 Response via : Initial Calibration

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

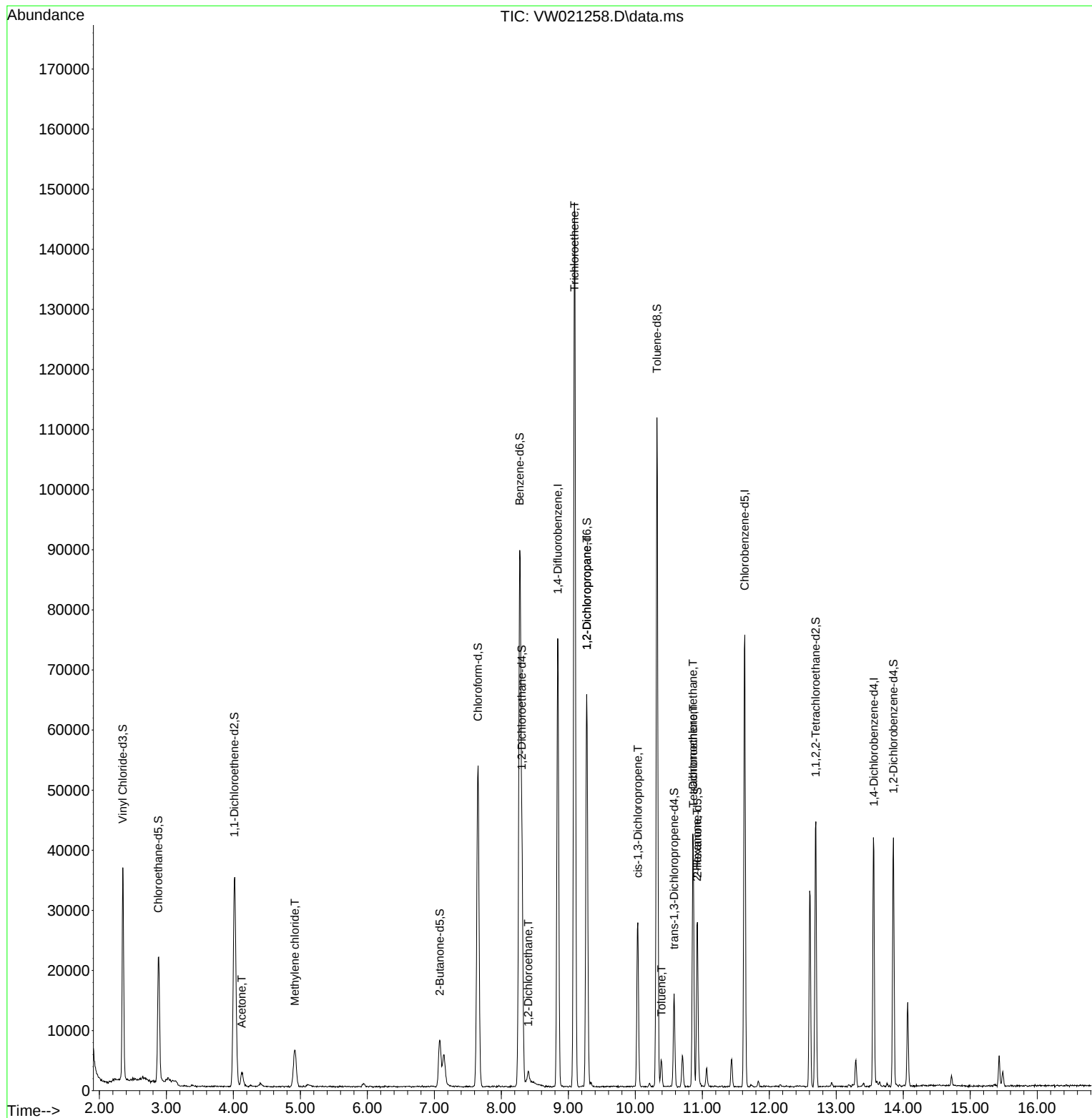
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	63158	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	42234	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	10926	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33060	28.741	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 114.960%		
7) Chloroethane-d5	2.879	69	24148	31.756	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 127.040%		
11) 1,1-Dichloroethene-d2	4.013	63	32714	21.333	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 85.320%		
21) 2-Butanone-d5	7.080	46	13469	83.069	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 166.140%#		
24) Chloroform-d	7.653	84	52565	29.865	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 119.480%		
26) 1,2-Dichloroethane-d4	8.305	65	27902	29.802	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 119.200%		
32) Benzene-d6	8.275	84	89404	38.619	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 154.480%#		
36) 1,2-Dichloropropane-d6	9.274	67	28041	45.165	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 180.680%#		
41) Toluene-d8	10.323	98	71091	30.056	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 120.240%		
43) trans-1,3-Dichloroprop...	10.579	79	7963	27.855	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 111.440%		
47) 2-Hexanone-d5	10.927	63	8924	97.204	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 194.400%#		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	20028	37.526	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 150.120%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	11019	26.022	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 104.080%		
Target Compounds						Qvalue
13) Acetone	4.123	43	4381	30.140	ug/L	79
16) Methylene chloride	4.915	84	4850	4.647	ug/L	77
27) 1,2-Dichloroethane	8.403	62	1572	1.608	ug/L #	94
34) Trichloroethene	9.092	95	47075	72.889	ug/L	94
37) 1,2-Dichloropropane	9.274	63	3499	6.818	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	841	1.040	ug/L #	83
42) Toluene	10.390	91	3510	1.304	ug/L	89
46) Tetrachloroethene	10.866	164	9292	15.145	ug/L	91
48) 2-Hexanone	10.920	43	1669	8.231	ug/L #	60
49) Dibromochloromethane	10.860	129	7943	15.339	ug/L #	10

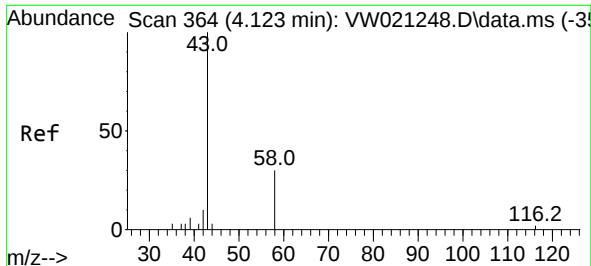
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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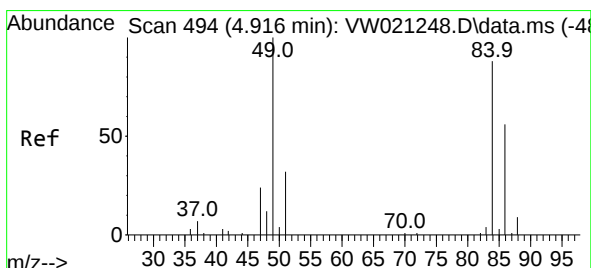
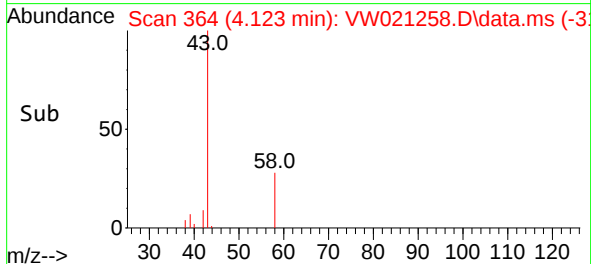
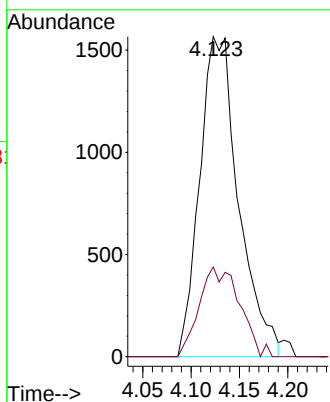
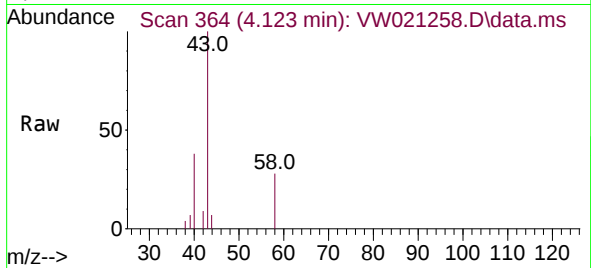




#13
Acetone
Concen: 30.140 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW021258.D
Acq: 09 Dec 2021 22:11

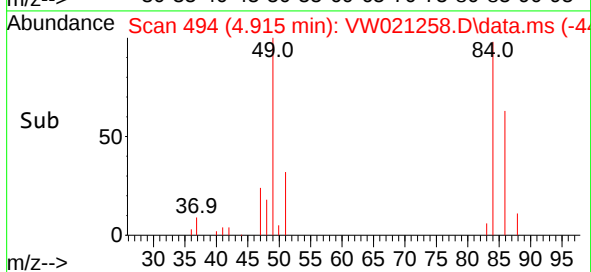
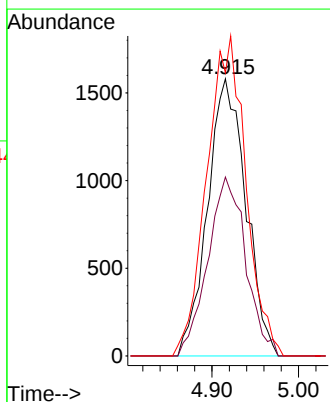
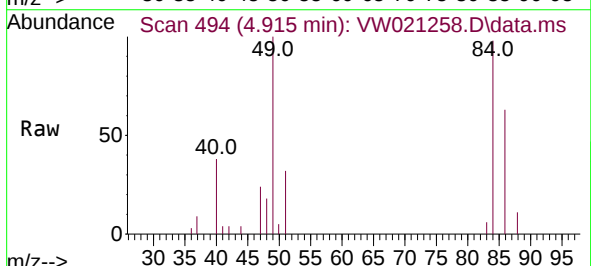
Instrument :
MSVOA_W
ClientSampleId :

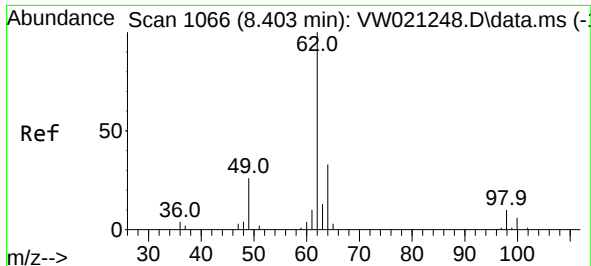
Tgt Ion: 43 Resp: 4381
Ion Ratio Lower Upper
43 100
58 15.4 0.0 52.8



#16
Methylene chloride
Concen: 4.647 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021258.D
Acq: 09 Dec 2021 22:11

Tgt Ion: 84 Resp: 4850
Ion Ratio Lower Upper
84 100
86 64.6 45.5 84.5
49 102.2 100.5 186.7





#27

1,2-Dichloroethane

Concen: 1.608 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021258.D

Acq: 09 Dec 2021 22:11

Instrument :

MSVOA_W

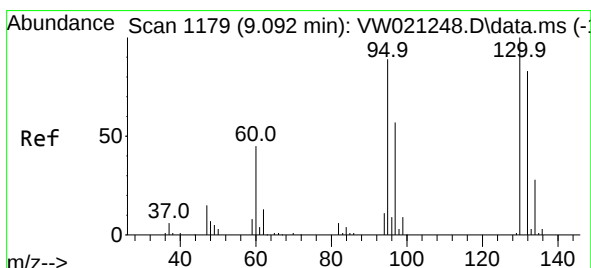
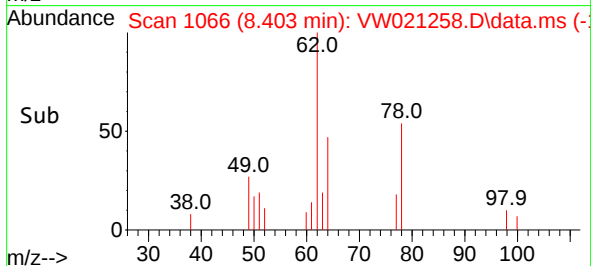
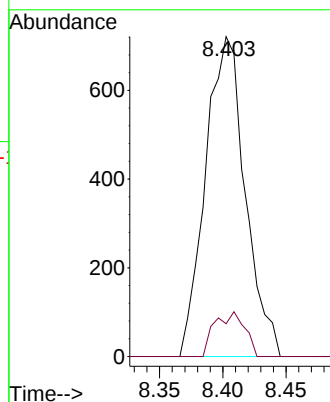
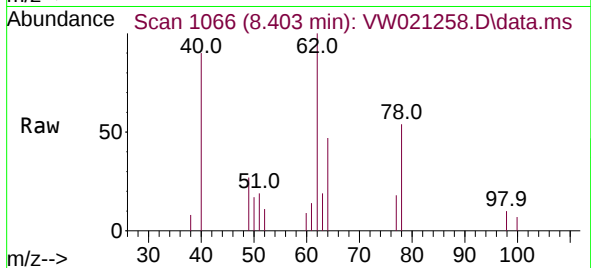
ClientSampleId :

Tgt Ion: 62 Resp: 1572

Ion Ratio Lower Upper

62 100

98 10.3 6.5 9.7#



#34

Trichloroethene

Concen: 72.889 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021258.D

Acq: 09 Dec 2021 22:11

Tgt Ion: 95 Resp: 47075

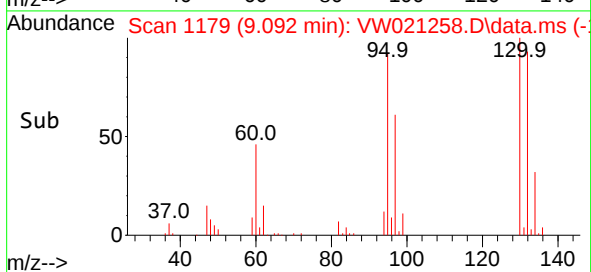
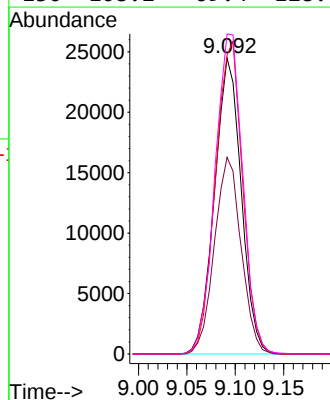
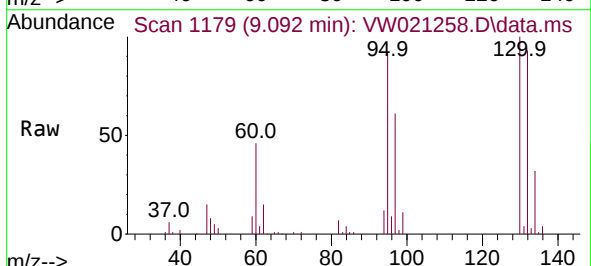
Ion Ratio Lower Upper

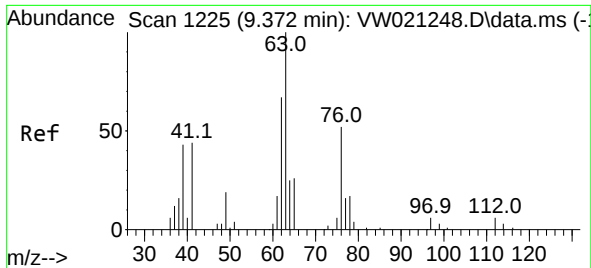
95 100

97 66.5 47.0 87.2

132 101.0 65.5 121.6

130 108.2 69.4 128.8





#37

1,2-Dichloropropane

Concen: 6.818 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021258.D

Acq: 09 Dec 2021 22:11

Instrument :

MSVOA_W

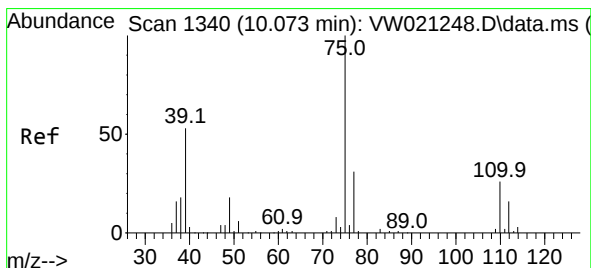
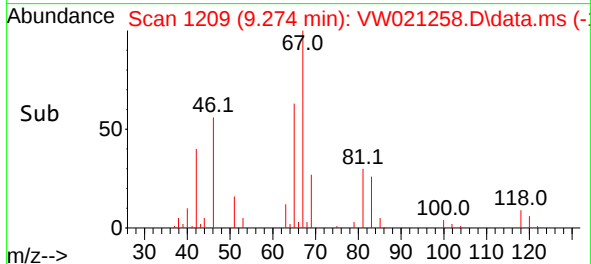
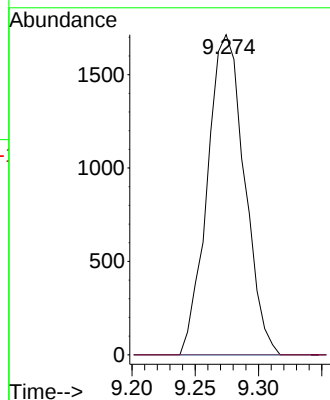
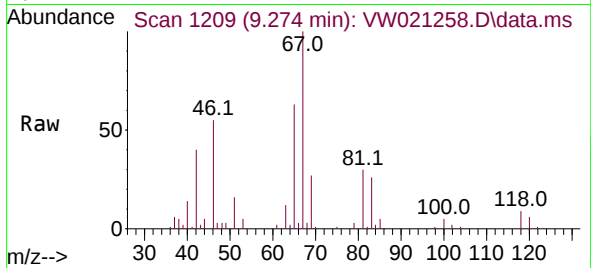
ClientSampleId :

Tgt Ion: 63 Resp: 3499

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 1.040 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021258.D

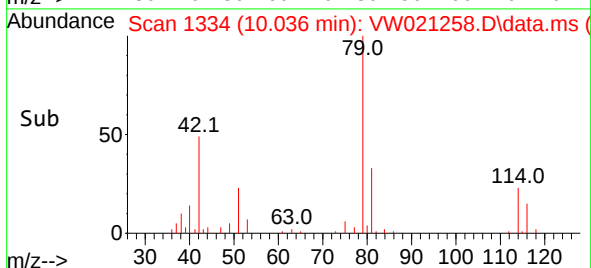
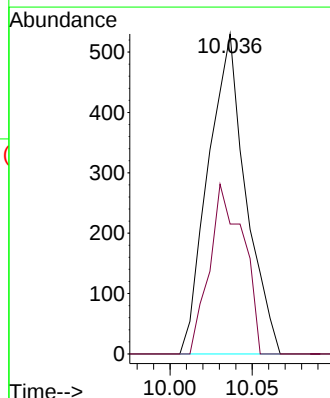
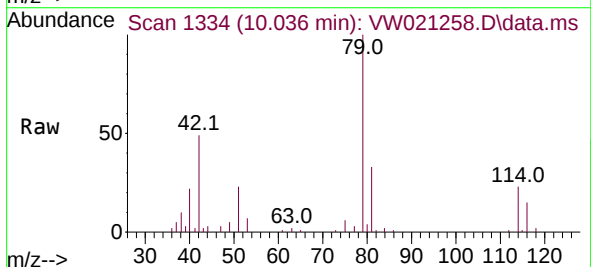
Acq: 09 Dec 2021 22:11

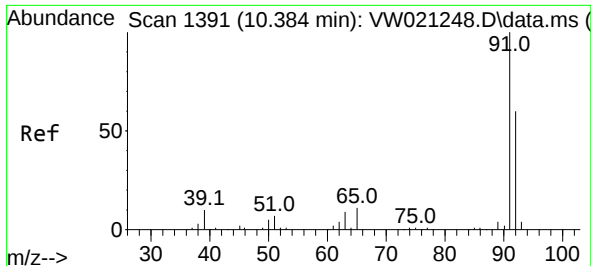
Tgt Ion: 75 Resp: 841

Ion Ratio Lower Upper

75 100

77 40.6 21.8 40.6#

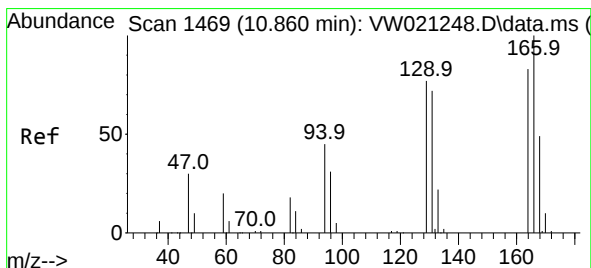
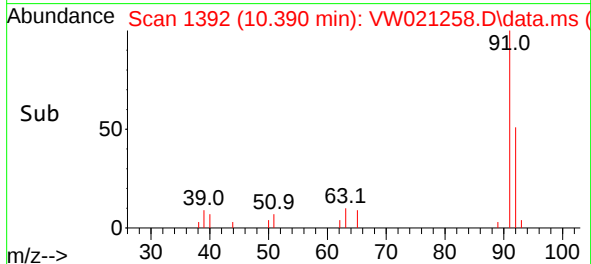
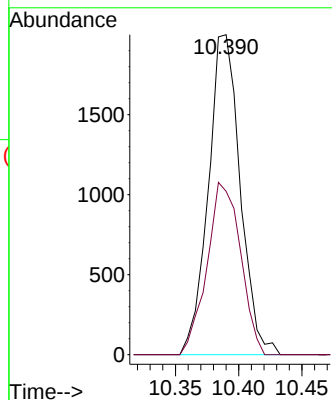
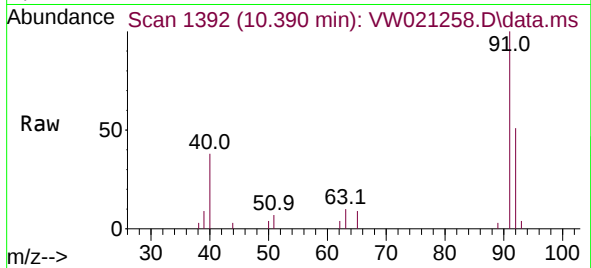




#42
Toluene
Concen: 1.304 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW021258.D
Acq: 09 Dec 2021 22:11

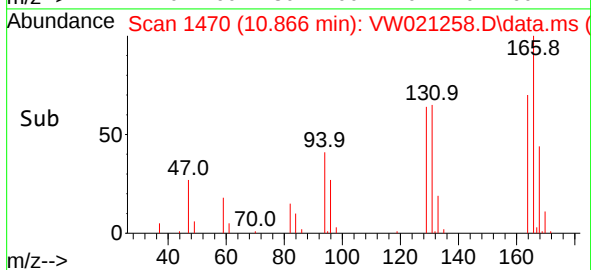
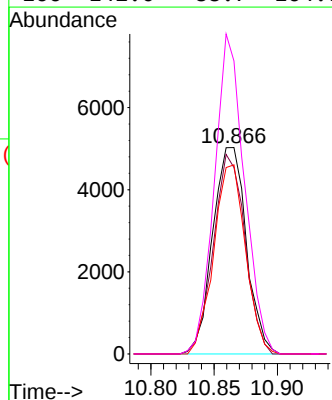
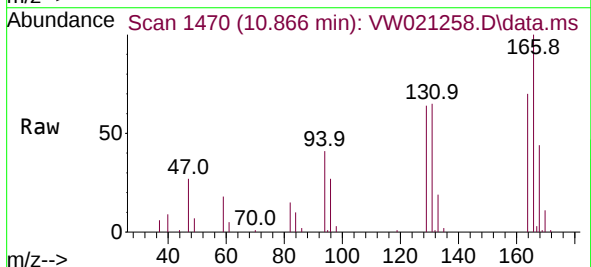
Instrument :
MSVOA_W
ClientSampleId :

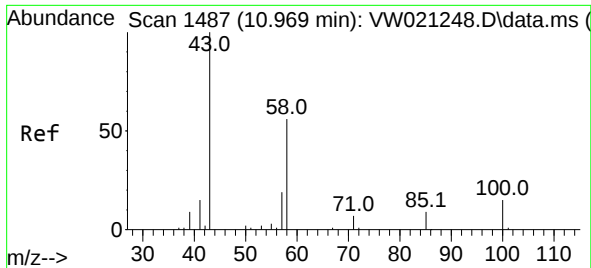
Tgt Ion: 91 Resp: 3510
Ion Ratio Lower Upper
91 100
92 51.0 41.7 77.5



#46
Tetrachloroethene
Concen: 15.145 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021258.D
Acq: 09 Dec 2021 22:11

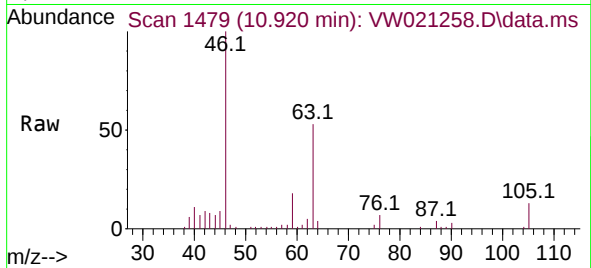
Tgt Ion: 164 Resp: 9292
Ion Ratio Lower Upper
164 100
129 90.3 65.5 121.7
131 91.7 59.7 110.9
166 142.0 88.7 164.7



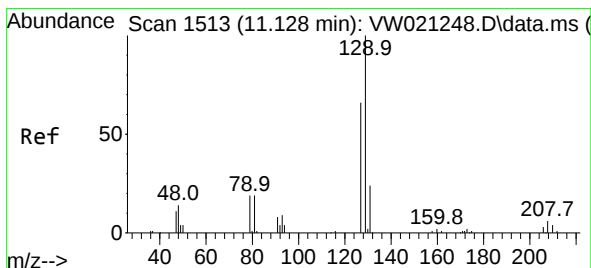
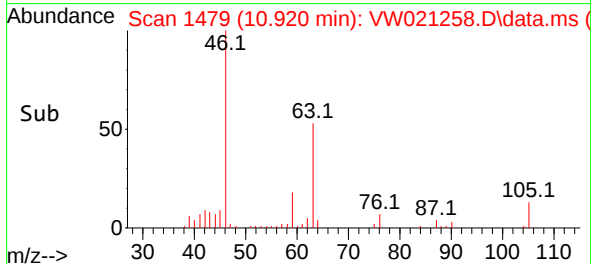
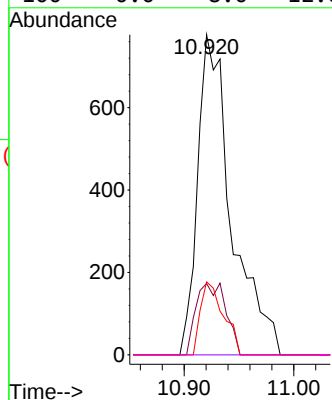


#48
2-Hexanone
Concen: 8.231 ug/L
RT: 10.920 min Scan# 1469
Delta R.T. -0.049 min
Lab File: VW021258.D
Acq: 09 Dec 2021 22:11

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 1669
Ion Ratio Lower Upper
43 100
58 12.3 40.2 60.2#
57 15.5 14.3 21.5
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 15.339 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021258.D
Acq: 09 Dec 2021 22:11

Tgt Ion: 129 Resp: 7943
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#

