

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021472.D
 Acq On : 18 Dec 2021 13:29
 Operator : SY/VA
 Sample : M5154-16
 Misc : 7.05g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:11:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

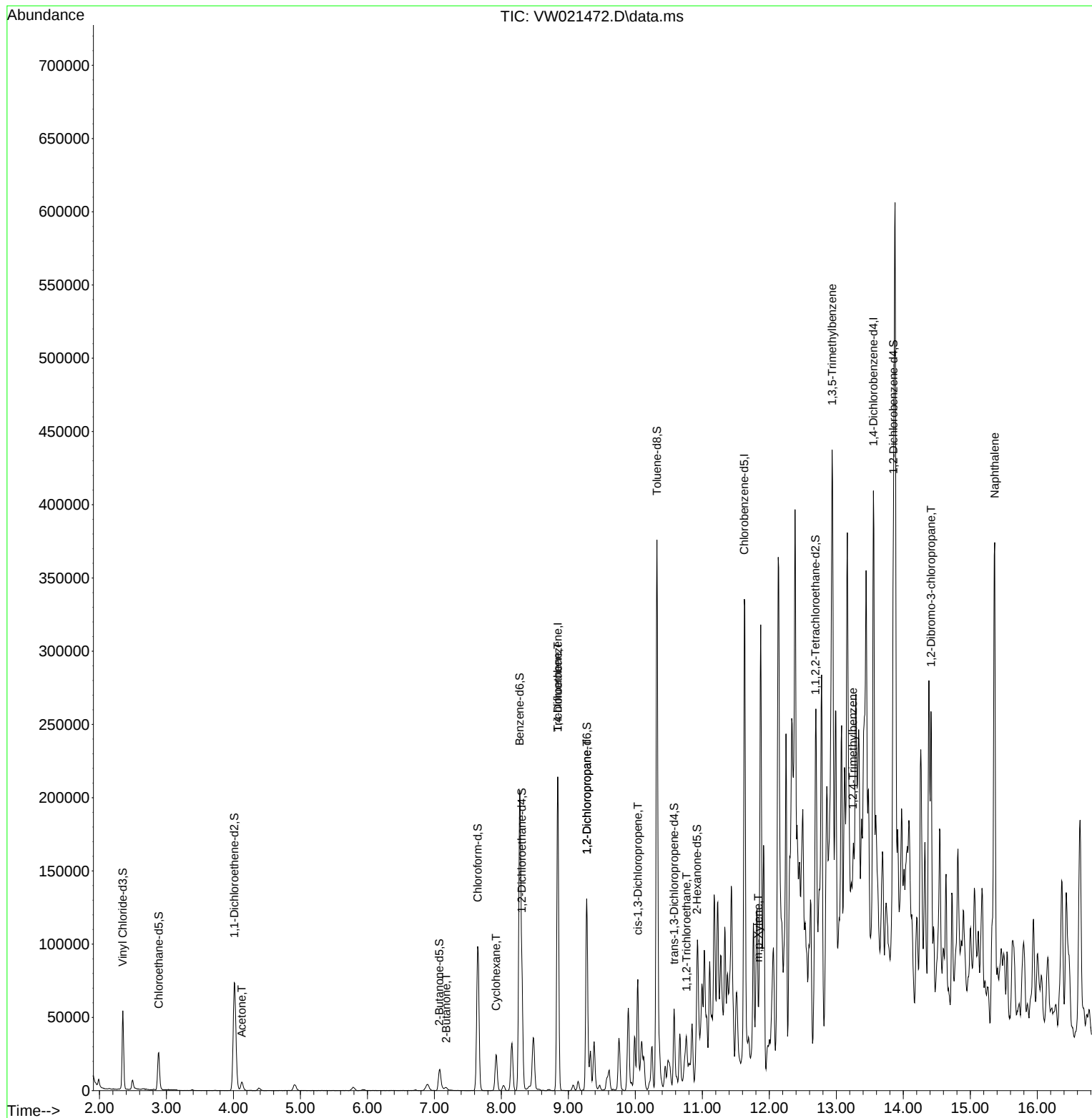
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	188996	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	183471	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	94954	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.348	65	51483	14.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.840%
7) Chloroethane-d5	2.885	69	29999	13.183	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.720%
11) 1,1-Dichloroethene-d2	4.013	63	70003	15.255	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.000%
21) 2-Butanone-d5	7.073	46	24903	51.325	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.660%
24) Chloroform-d	7.646	84	103587	19.668	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.680%
26) 1,2-Dichloroethane-d4	8.305	65	57887	20.662	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.640%
32) Benzene-d6	8.274	84	213470	21.227	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.920%
36) 1,2-Dichloropropane-d6	9.274	67	58348	21.634	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.520%
41) Toluene-d8	10.323	98	209192	20.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.440%
43) trans-1,3-Dichloroprop...	10.579	79	24577	19.790	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.160%
47) 2-Hexanone-d5	10.920	63	21773	54.593	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	48113	20.752	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	13.852	152	71933	19.547	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.200%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	10147	23.328	ug/L	83
22) 2-Butanone	7.177	43	3612	6.359	ug/L	85
29) Cyclohexane	7.921	56	4342	1.189	ug/L	# 50
34) Trichloroethene	8.841	95	5561	1.982	ug/L	# 5
37) 1,2-Dichloropropane	9.274	63	7027	3.152	ug/L	# 58
39) cis-1,3-Dichloropropene	10.036	75	1952	0.555	ug/L	# 54
45) 1,1,2-Trichloroethane	10.762	97	11652	6.386	ug/L	# 24
53) m,p-Xylene	11.835	106	4523	0.839	ug/L	75
62) 1,3,5-Trimethylbenzene	12.938	105	11671	1.063	ug/L	86
63) 1,2,4-Trimethylbenzene	13.249	105	31327	2.892	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.413	75	1098	3.852	ug/L	# 61
71) Naphthalene	15.364	128	270238	45.465	ug/L	99

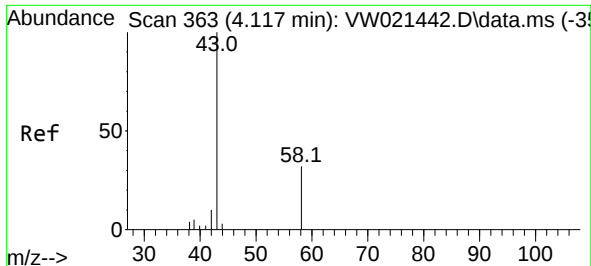
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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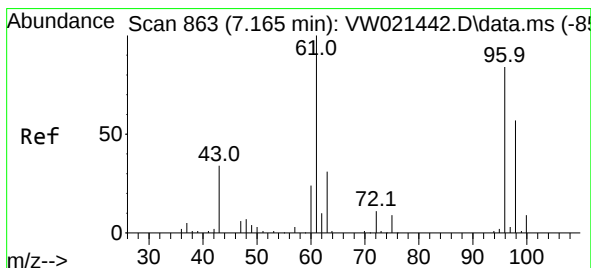
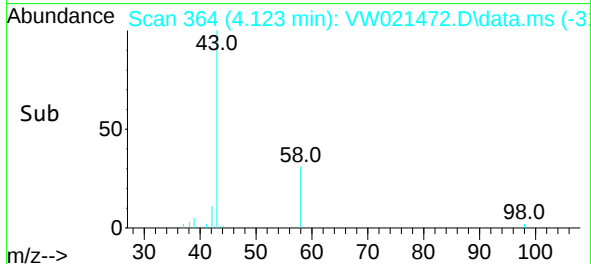
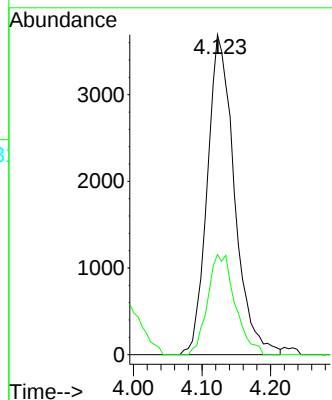
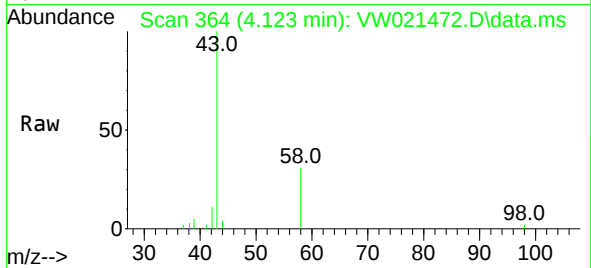




#13
Acetone
Concen: 23.328 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW021472.D
Acq: 18 Dec 2021 13:29

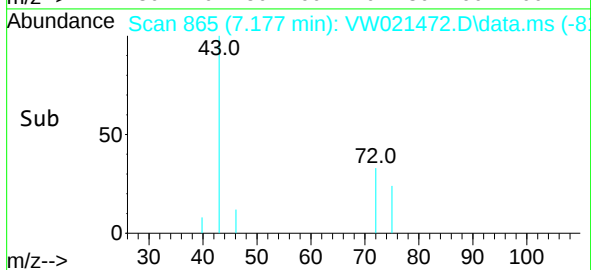
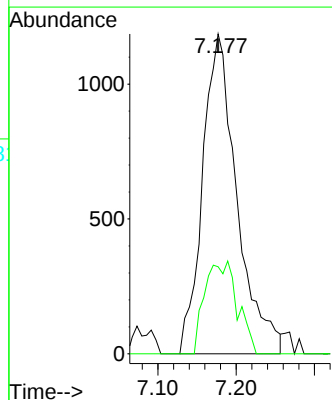
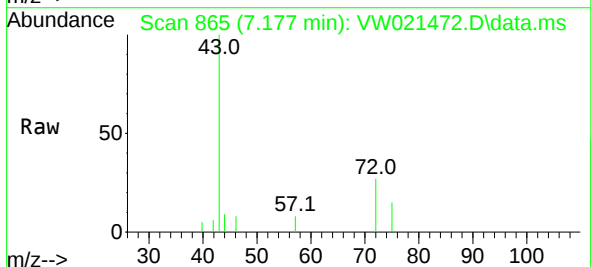
Instrument :
MSVOA_W
ClientSampleId :

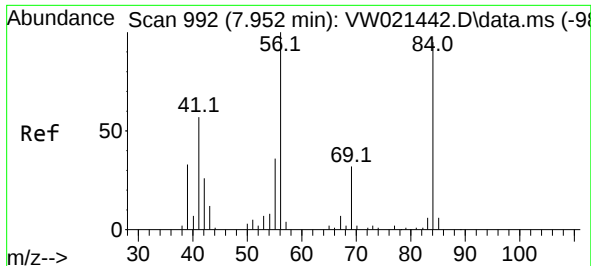
Tgt Ion: 43 Resp: 10147
Ion Ratio Lower Upper
43 100
58 17.7 0.0 52.8



#22
2-Butanone
Concen: 6.359 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW021472.D
Acq: 18 Dec 2021 13:29

Tgt Ion: 43 Resp: 3612
Ion Ratio Lower Upper
43 100
72 16.3 11.8 35.4





#29

Cyclohexane

Concen: 1.189 ug/L

RT: 7.921 min Scan# 9

Delta R.T. -0.031 min

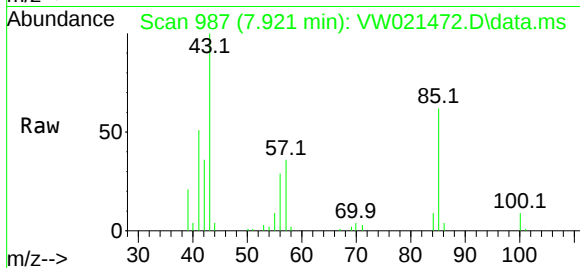
Lab File: VW021472.D

Acq: 18 Dec 2021 13:29

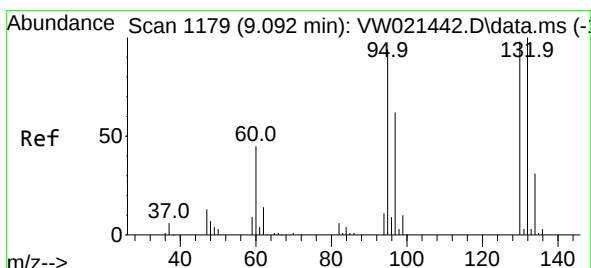
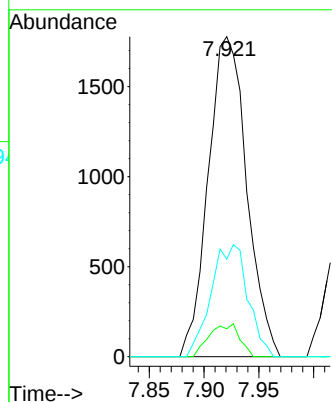
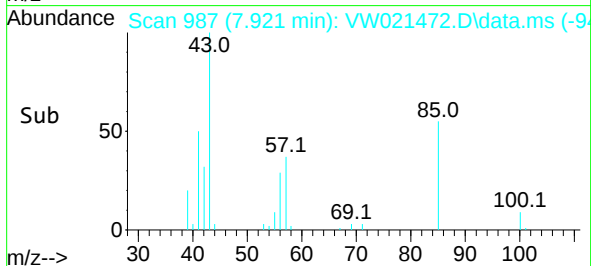
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	56	Resp:	4342
Ion Ratio	Lower	Upper	
56	100		
69	5.3	23.5	35.3#
84	33.4	63.4	95.2#



#34

Trichloroethene

Concen: 1.982 ug/L

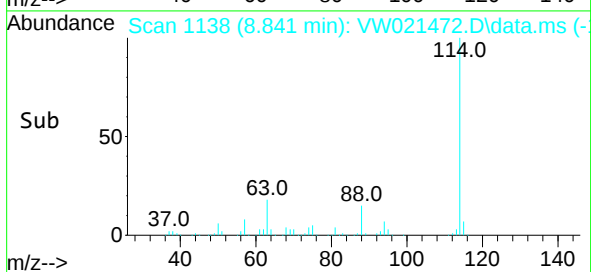
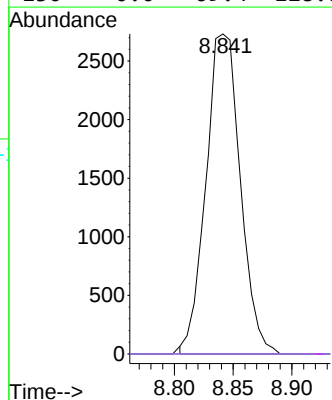
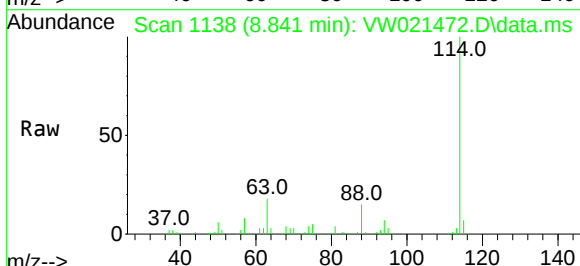
RT: 8.841 min Scan# 1138

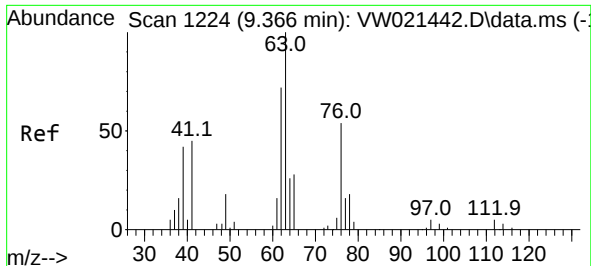
Delta R.T. -0.250 min

Lab File: VW021472.D

Acq: 18 Dec 2021 13:29

Tgt Ion:	95	Resp:	5561
Ion Ratio	Lower	Upper	
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#





#37

1,2-Dichloropropane

Concen: 3.152 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021472.D

Acq: 18 Dec 2021 13:29

Instrument :

MSVOA_W

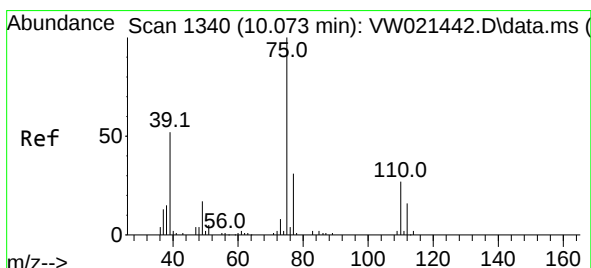
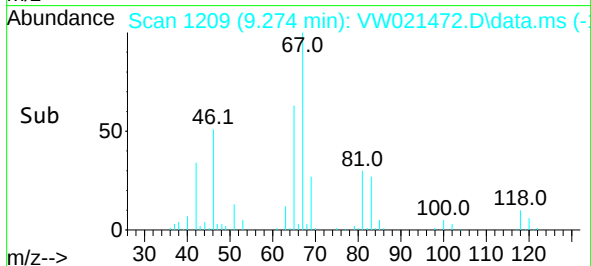
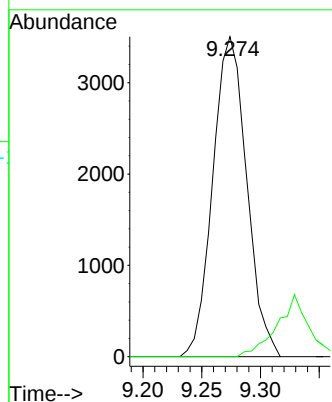
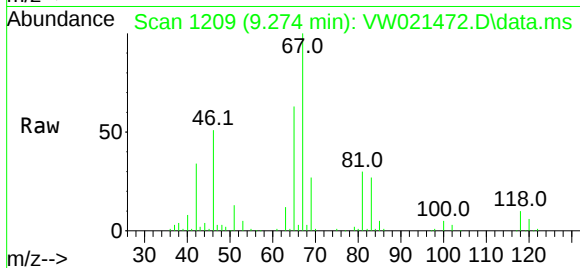
ClientSampleId :

Tgt Ion: 63 Resp: 7027

Ion Ratio Lower Upper

63 100

112 17.8 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.555 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021472.D

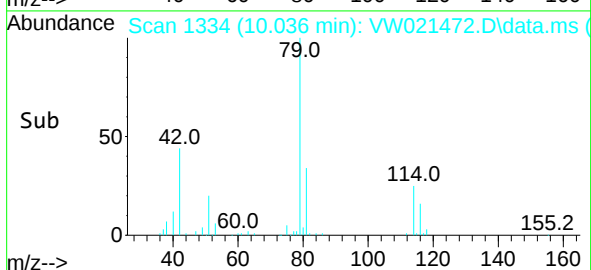
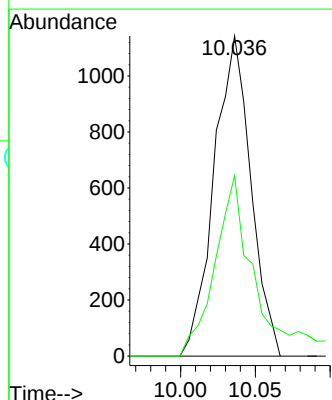
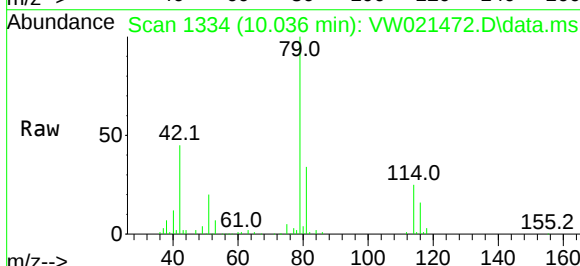
Acq: 18 Dec 2021 13:29

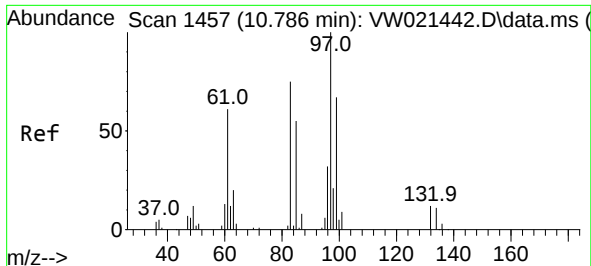
Tgt Ion: 75 Resp: 1952

Ion Ratio Lower Upper

75 100

77 56.3 21.8 40.6#

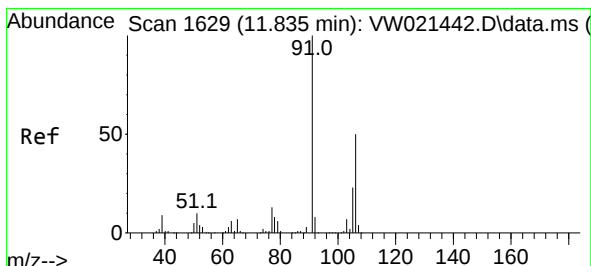
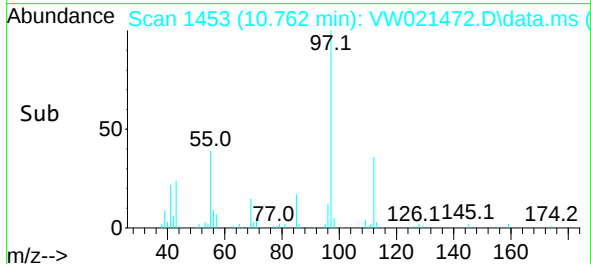
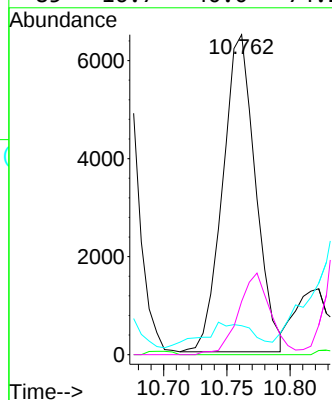
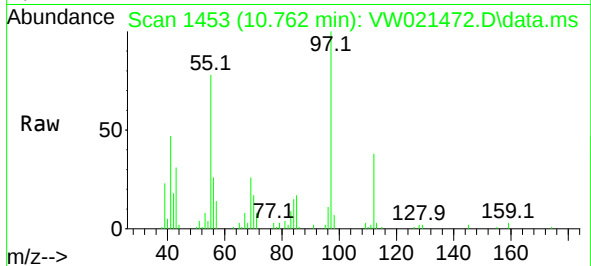




#45
1,1,2-Trichloroethane
Concen: 6.386 ug/L
RT: 10.762 min Scan# 1453
Delta R.T. -0.025 min
Lab File: VW021472.D
Acq: 18 Dec 2021 13:29

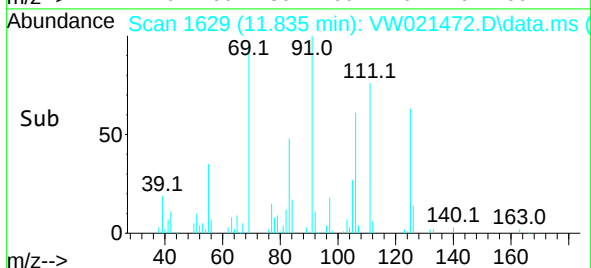
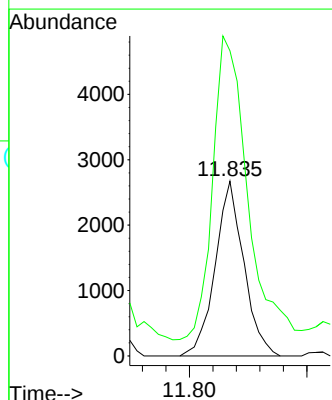
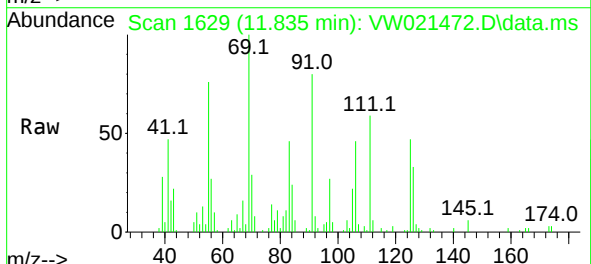
Instrument :
MSVOA_W
ClientSampleId :

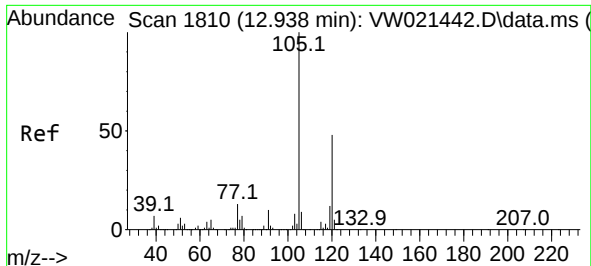
Tgt Ion: 97 Resp: 11652
Ion Ratio Lower Upper
97 100
99 0.0 43.0 79.8#
83 9.0 62.6 116.3#
85 16.7 40.0 74.2#



#53
m,p-Xylene
Concen: 0.839 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW021472.D
Acq: 18 Dec 2021 13:29

Tgt Ion: 106 Resp: 4523
Ion Ratio Lower Upper
106 100
91 174.6 149.9 278.3





#62

1,3,5-Trimethylbenzene

Concen: 1.063 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021472.D

Acq: 18 Dec 2021 13:29

Instrument :

MSVOA_W

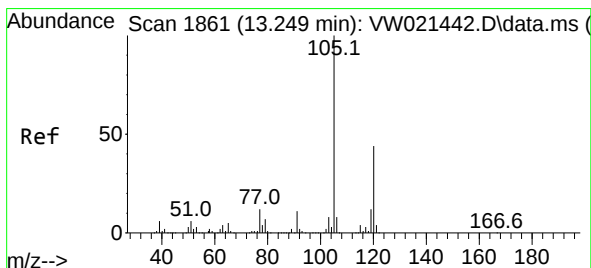
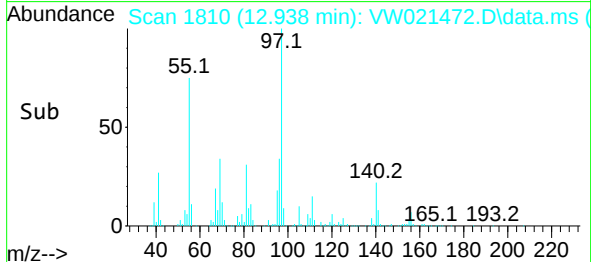
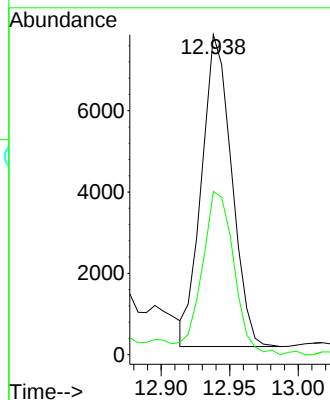
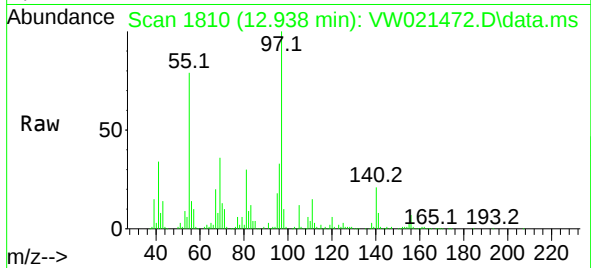
ClientSampleId :

Tgt Ion:105 Resp: 11671

Ion Ratio Lower Upper

105 100

120 55.9 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 2.892 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021472.D

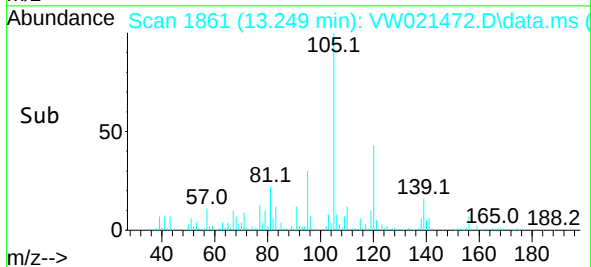
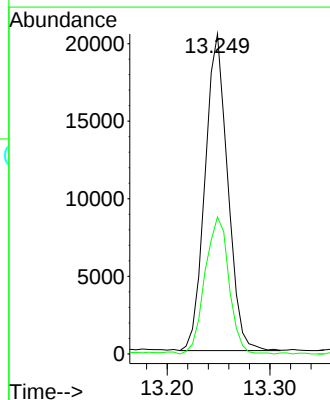
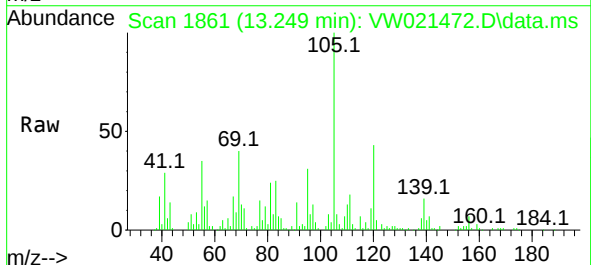
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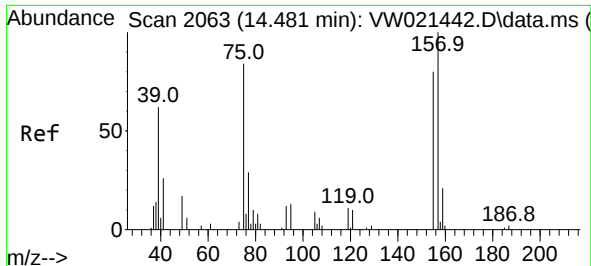
Tgt Ion:105 Resp: 31327

Ion Ratio Lower Upper

105 100

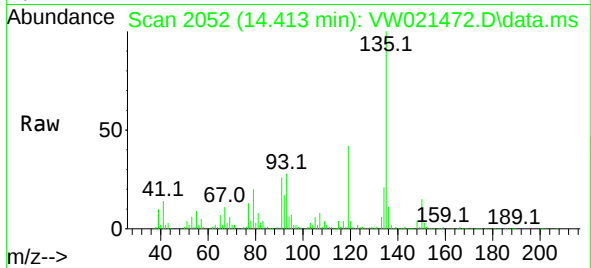
120 45.3 35.0 52.6



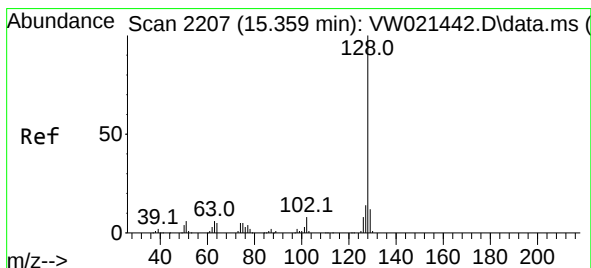
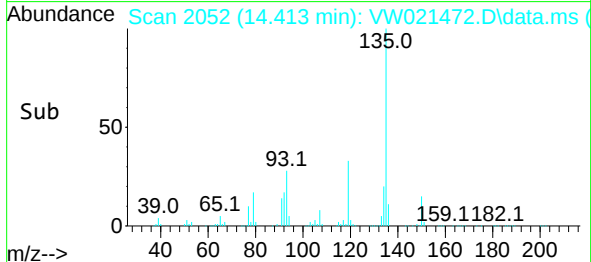
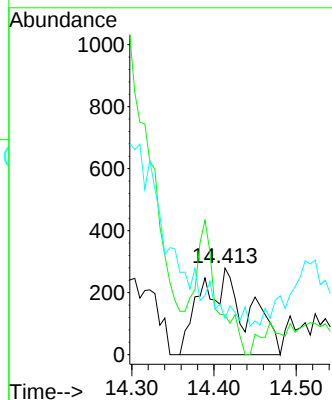


#68
1,2-Dibromo-3-chloropropane
Concen: 3.852 ug/L
RT: 14.413 min Scan# 2063
Delta R.T. -0.067 min
Lab File: VW021472.D
Acq: 18 Dec 2021 13:29

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 75 Resp: 1098
Ion Ratio Lower Upper
75 100
155 45.9 54.2 81.2#
157 41.9 69.4 104.2#



#71
Naphthalene
Concen: 45.465 ug/L
RT: 15.364 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW021472.D
Acq: 18 Dec 2021 13:29

Tgt Ion:128 Resp: 270238
Ion Ratio Lower Upper
128 100
127 13.6 10.7 16.1
129 11.5 8.6 12.8

