

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021435.D
 Acq On : 17 Dec 2021 16:54
 Operator : SY/VA
 Sample : M5121-10
 Misc : 6.02g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 21:17:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

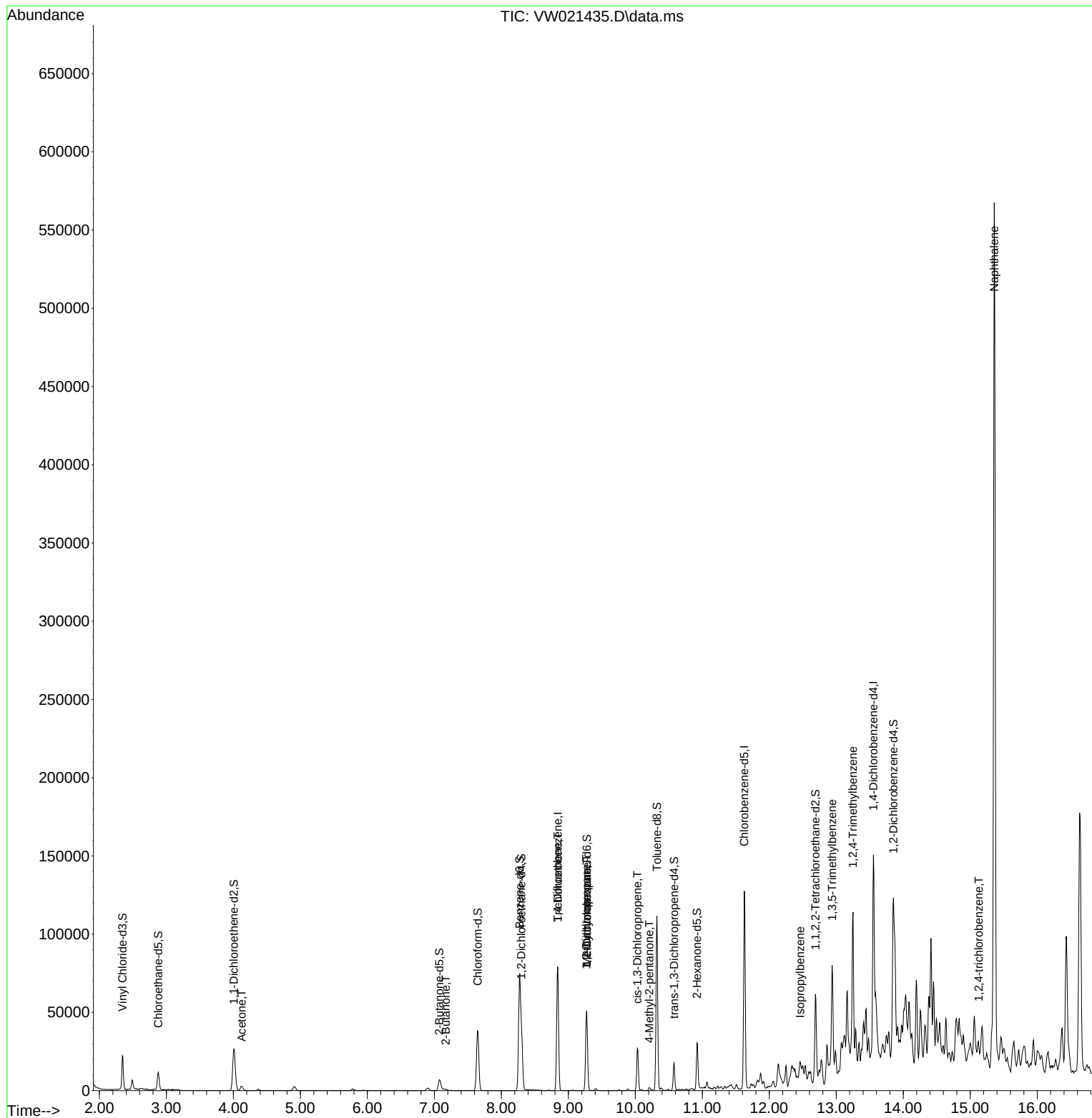
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	68523	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	70999	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	36904	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	20787	16.657	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.640%
7) Chloroethane-d5	2.879	69	12498	15.149	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.600%
11) 1,1-Dichloroethene-d2	4.007	63	24821	14.918	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.680%
21) 2-Butanone-d5	7.074	46	12735	72.392	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.780%#
24) Chloroform-d	7.647	84	38950	20.397	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	8.299	65	25092	24.703	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	8.275	84	74865	19.237	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.960%
36) 1,2-Dichloropropane-d6	9.274	67	21898	20.981	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.920%
41) Toluene-d8	10.323	98	72873	18.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.320%
43) trans-1,3-Dichloroprop...	10.579	79	9216	19.177	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.720%
47) 2-Hexanone-d5	10.921	63	9994	64.755	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.500%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	21876	24.382	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.520%
66) 1,2-Dichlorobenzene-d4	13.853	152	26420	18.472	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.880%#
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	5262	33.366	ug/L	96
22) 2-Butanone	7.171	43	674	3.273	ug/L	# 64
34) Trichloroethene	8.842	95	2082	1.918	ug/L	# 5
35) Methylcyclohexane	9.274	83	6097	3.404	ug/L	# 14
37) 1,2-Dichloropropane	9.268	63	2833	3.284	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	751	0.552	ug/L	# 59
40) 4-Methyl-2-pentanone	10.207	43	1468	3.123	ug/L	96
60) Isopropylbenzene	12.463	105	5466	1.090	ug/L	# 91
62) 1,3,5-Trimethylbenzene	12.938	105	24001	5.625	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	54544	12.958	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	1089	0.766	ug/L	# 1
71) Naphthalene	15.359	128	469926	203.421	ug/L	99

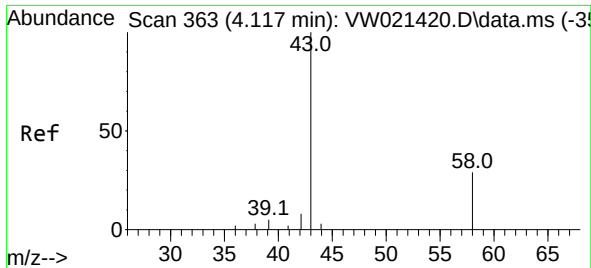
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
Response via : Initial Calibration





#13

Acetone

Concen: 33.366 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021435.D

Acq: 17 Dec 2021 16:54

Instrument :

MSVOA_W

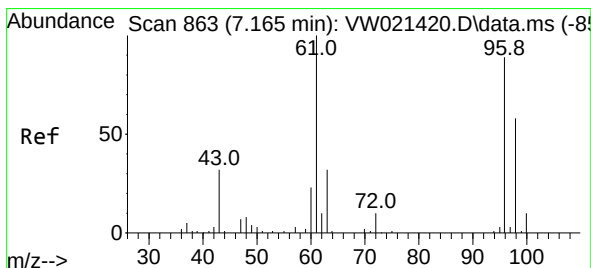
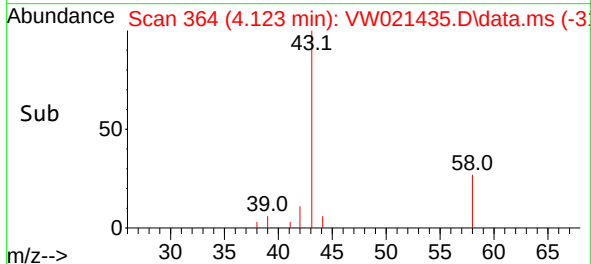
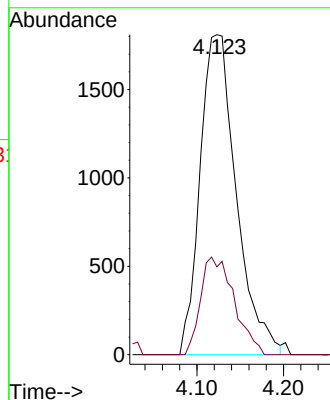
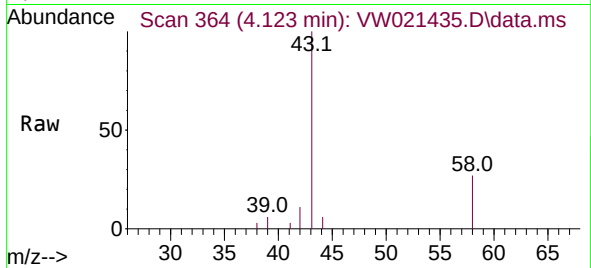
ClientSampleId :

Tgt Ion: 43 Resp: 5262

Ion Ratio Lower Upper

43 100

58 28.3 0.0 52.8



#22

2-Butanone

Concen: 3.273 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW021435.D

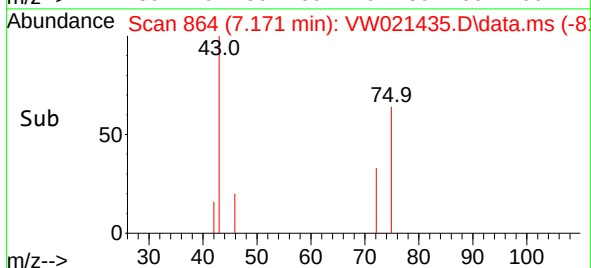
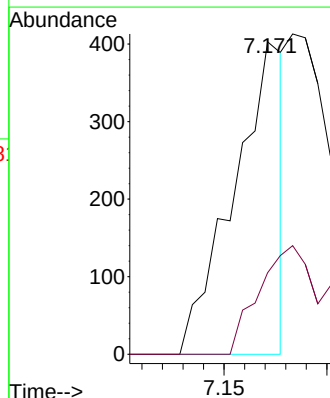
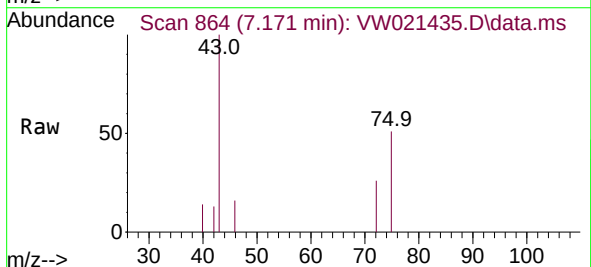
Acq: 17 Dec 2021 16:54

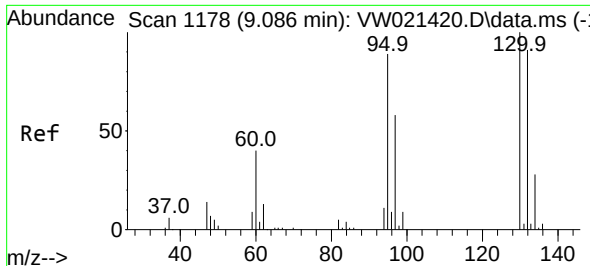
Tgt Ion: 43 Resp: 674

Ion Ratio Lower Upper

43 100

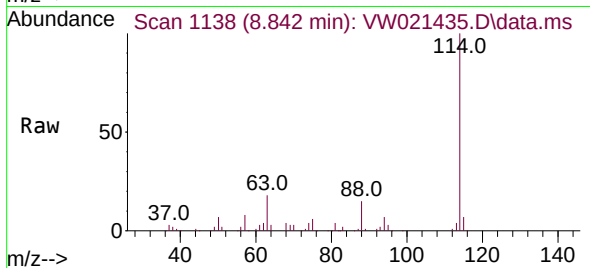
72 41.4 11.8 35.4#



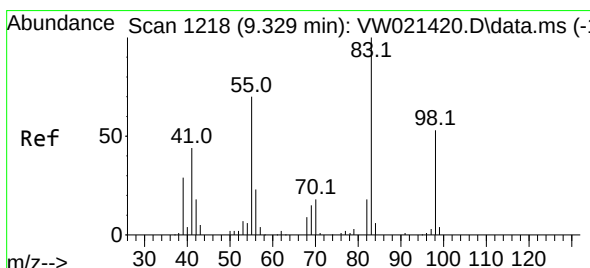
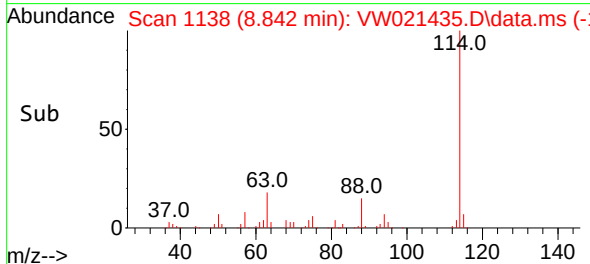
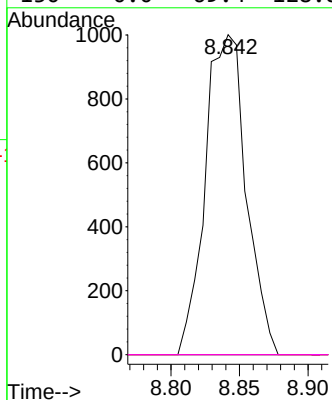


#34
Trichloroethene
Concen: 1.918 ug/L
RT: 8.842 min Scan# 1178
Delta R.T. -0.250 min
Lab File: VW021435.D
Acq: 17 Dec 2021 16:54

Instrument :
MSVOA_W
ClientSampleId :

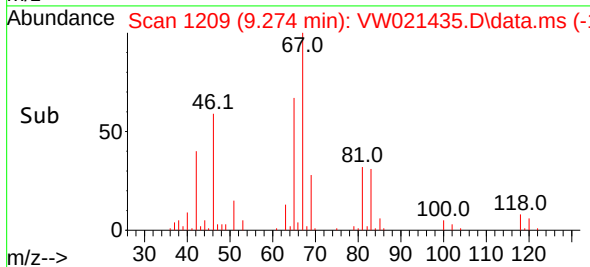
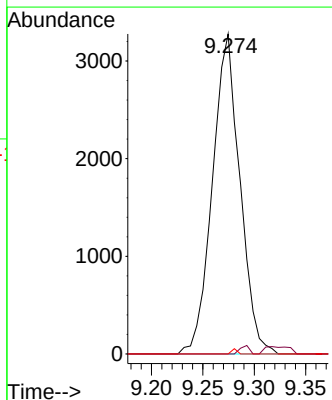
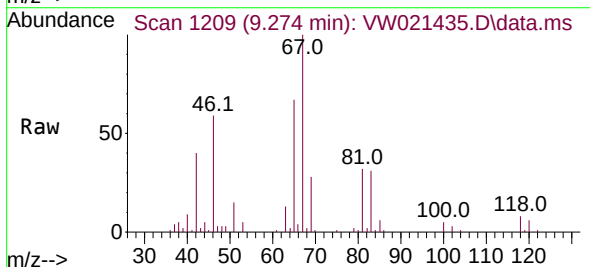


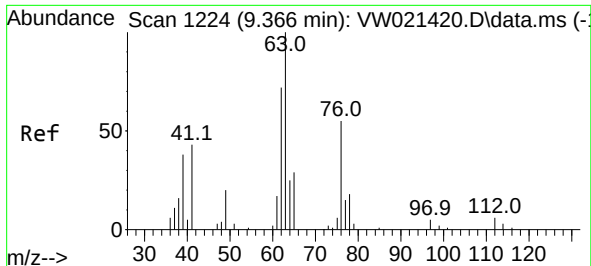
Tgt Ion: 95 Resp: 2082
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#35
Methylcyclohexane
Concen: 3.404 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021435.D
Acq: 17 Dec 2021 16:54

Tgt Ion: 83 Resp: 6097
Ion Ratio Lower Upper
83 100
55 0.9 70.8 106.2#
98 0.0 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.284 ug/L

RT: 9.268 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021435.D

Acq: 17 Dec 2021 16:54

Instrument :

MSVOA_W

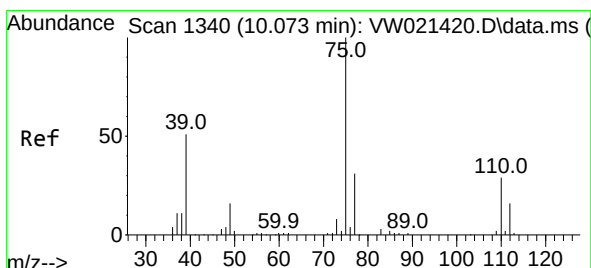
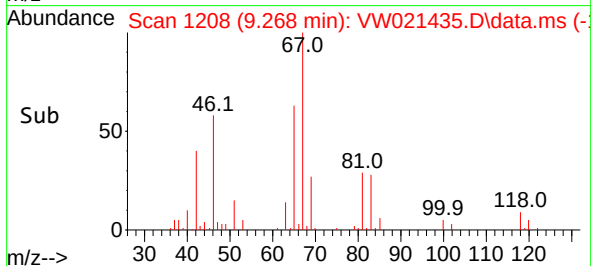
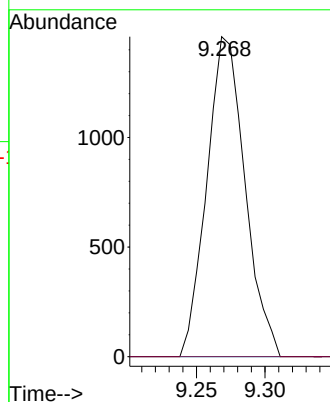
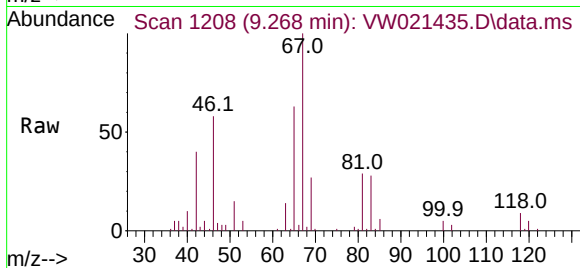
ClientSampleId :

Tgt Ion: 63 Resp: 2833

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.552 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.037 min

Lab File: VW021435.D

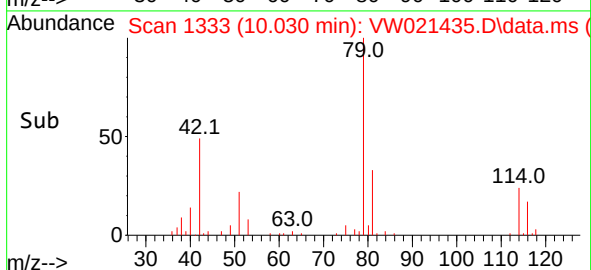
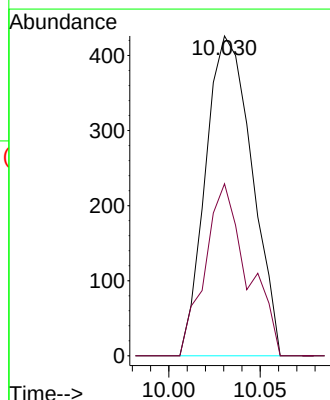
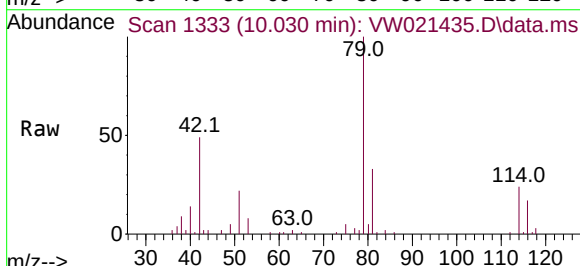
Acq: 17 Dec 2021 16:54

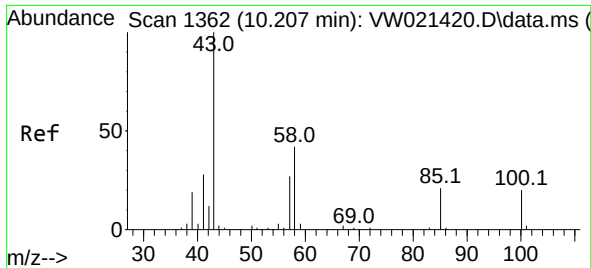
Tgt Ion: 75 Resp: 751

Ion Ratio Lower Upper

75 100

77 53.8 21.8 40.6#





#40

4-Methyl-2-pentanone

Concen: 3.123 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021435.D

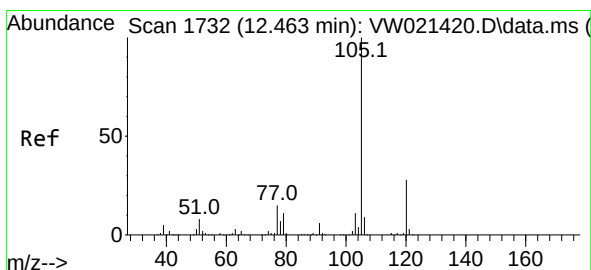
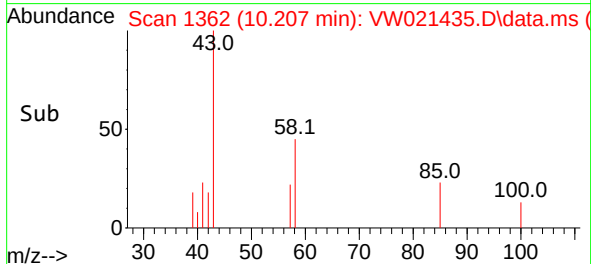
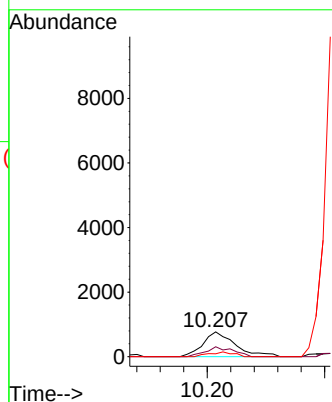
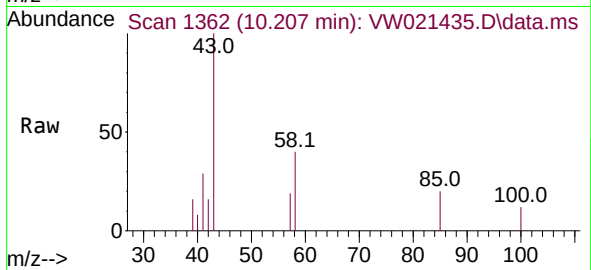
Acq: 17 Dec 2021 16:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	43	Resp:	1468
Ion	Ratio	Lower	Upper
43	100		
58	34.0	28.8	43.2
100	14.6	10.0	15.0



#60

Isopropylbenzene

Concen: 1.090 ug/L

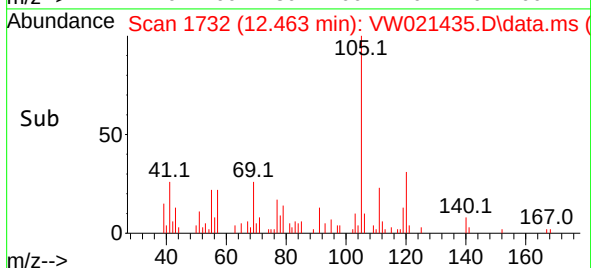
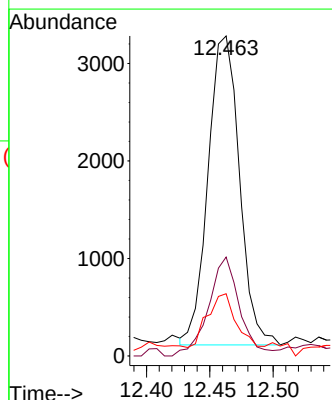
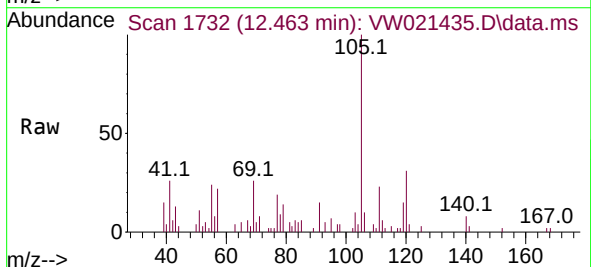
RT: 12.463 min Scan# 1732

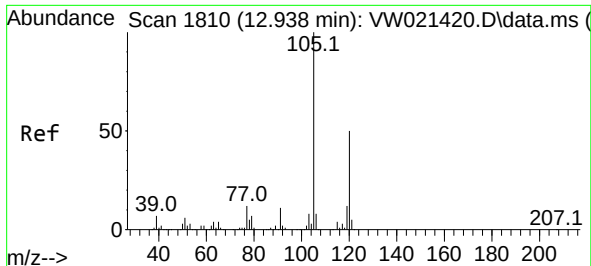
Delta R.T. -0.000 min

Lab File: VW021435.D

Acq: 17 Dec 2021 16:54

Tgt Ion:	105	Resp:	5466
Ion	Ratio	Lower	Upper
105	100		
120	31.6	20.1	30.1#
77	18.7	13.8	20.8

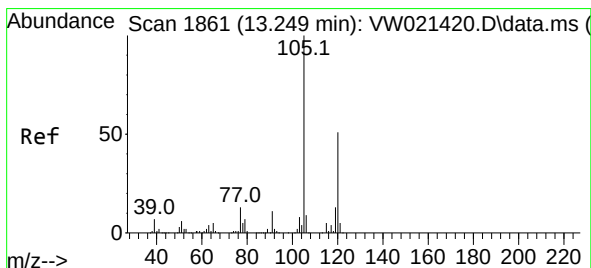
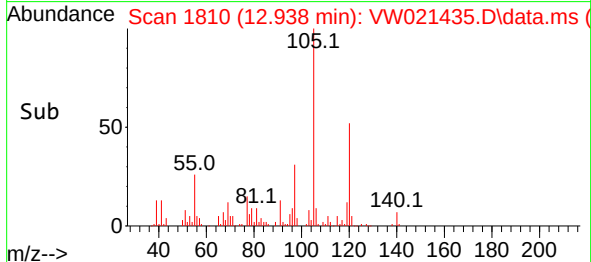
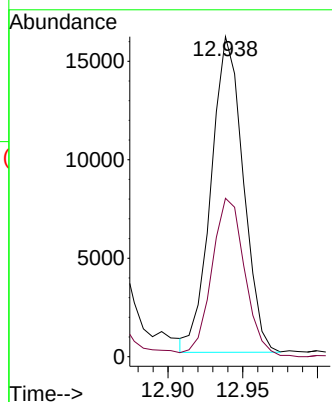
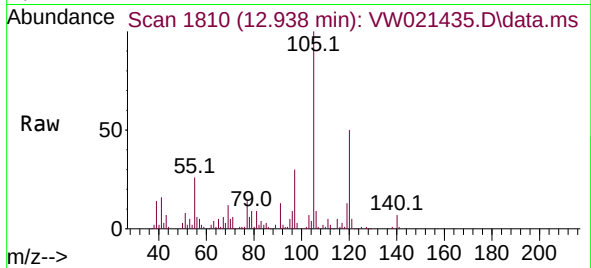




#62
1,3,5-Trimethylbenzene
Concen: 5.625 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021435.D
Acq: 17 Dec 2021 16:54

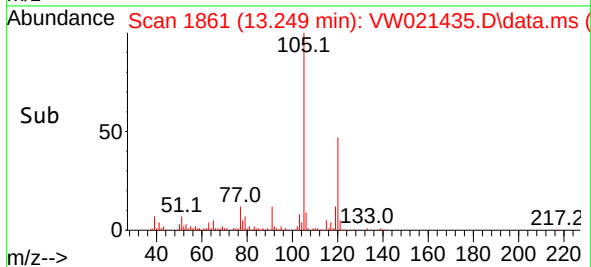
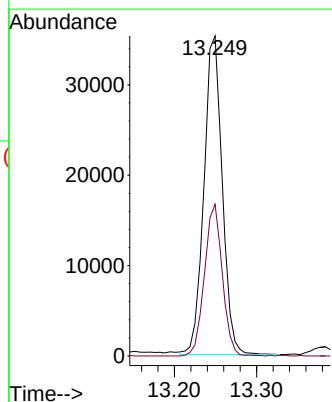
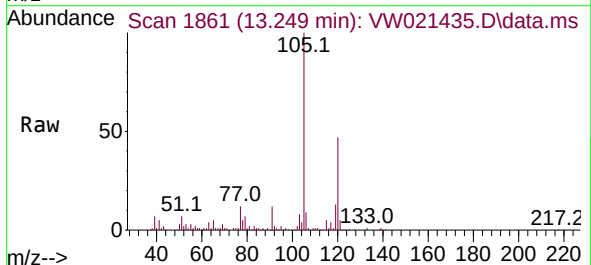
Instrument :
MSVOA_W
ClientSampleId :

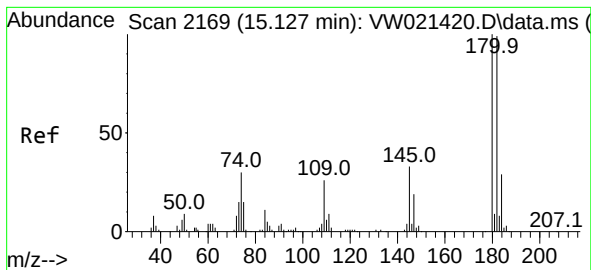
Tgt Ion:105 Resp: 24001
Ion Ratio Lower Upper
105 100
120 51.6 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 12.958 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021435.D
Acq: 17 Dec 2021 16:54

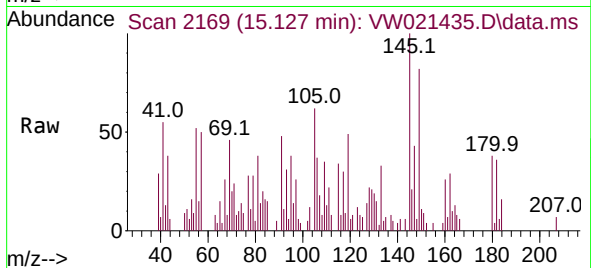
Tgt Ion:105 Resp: 54544
Ion Ratio Lower Upper
105 100
120 46.1 35.0 52.6



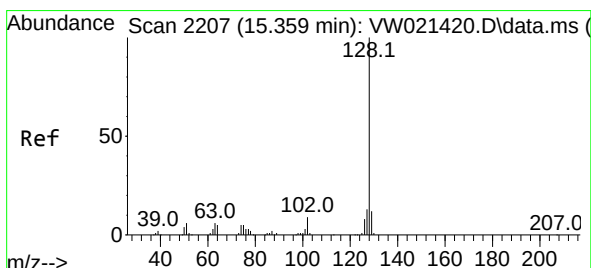
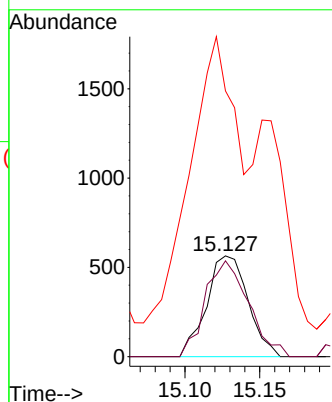
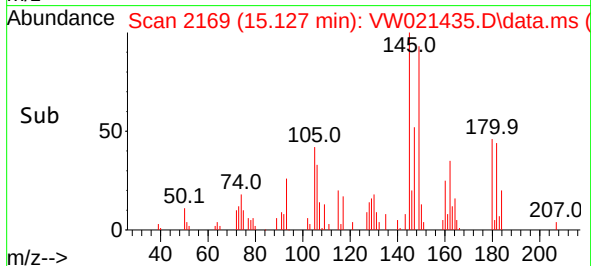


#70
1,2,4-trichlorobenzene
Concen: 0.766 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW021435.D
Acq: 17 Dec 2021 16:54

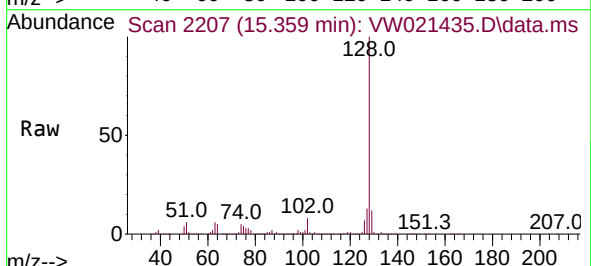
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:180 Resp: 1089
Ion Ratio Lower Upper
180 100
182 99.3 79.0 118.6
145 315.9 26.0 39.0#



#71
Naphthalene
Concen: 203.421 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW021435.D
Acq: 17 Dec 2021 16:54



Tgt Ion:128 Resp: 469926
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 11.3 8.6 12.8

