

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021650.D
 Acq On : 25 Dec 2021 16:57
 Operator : SY/VA
 Sample : M5154-16RE
 Misc : 6.55g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:41:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

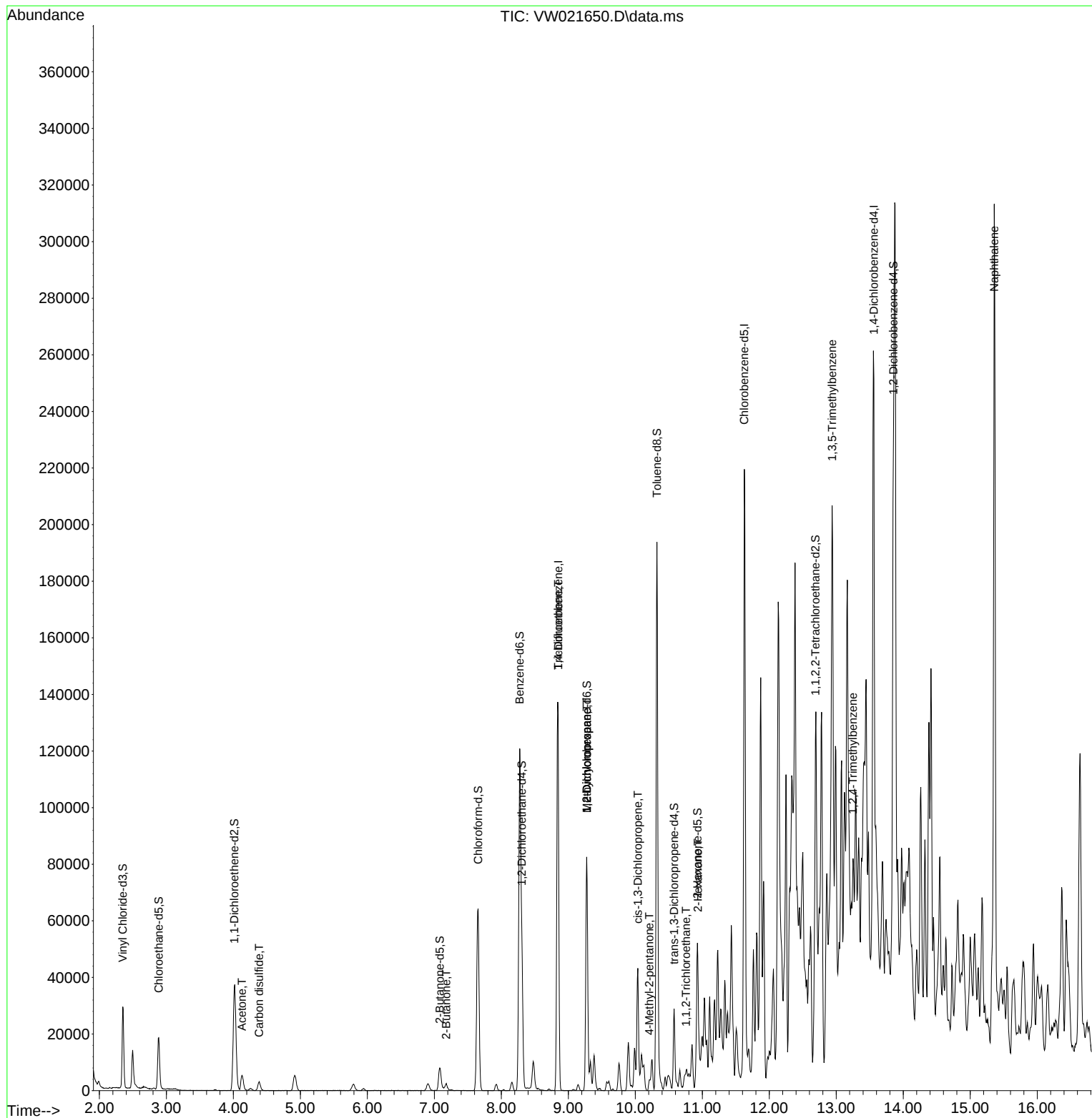
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	122099	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	118344	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	66642	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	28357	12.752	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.000%
7) Chloroethane-d5	2.885	69	21218	14.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.720%
11) 1,1-Dichloroethene-d2	4.013	63	35558	11.994	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.960%
21) 2-Butanone-d5	7.080	46	14199	45.298	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.600%
24) Chloroform-d	7.653	84	65534	19.260	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.040%
26) 1,2-Dichloroethane-d4	8.305	65	34542	19.084	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.320%
32) Benzene-d6	8.275	84	119551	18.430	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	73.720%
36) 1,2-Dichloropropane-d6	9.275	67	35600	20.463	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.840%
41) Toluene-d8	10.323	98	115589	17.440	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	69.760%
43) trans-1,3-Dichloroprop...	10.579	79	13374	16.696	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.800%
47) 2-Hexanone-d5	10.927	63	11704	45.496	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.000%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	30032	20.081	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	44691	17.304	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	69.200%#
Target Compounds						
					Qvalue	
13) Acetone	4.129	43	9902	35.238	ug/L	95
14) Carbon disulfide	4.385	76	6665	1.705	ug/L	98
22) 2-Butanone	7.177	43	3860	10.518	ug/L	95
34) Trichloroethene	8.848	95	3683	2.035	ug/L #	5
35) Methylcyclohexane	9.275	83	9579	3.209	ug/L #	15
37) 1,2-Dichloropropane	9.275	63	4566	3.175	ug/L #	84
39) cis-1,3-Dichloropropene	10.037	75	1214	0.536	ug/L #	69
40) 4-Methyl-2-pentanone	10.207	43	2133	2.722	ug/L #	79
45) 1,1,2-Trichloroethane	10.756	97	1935	1.644	ug/L #	27
48) 2-Hexanone	10.933	43	9115	16.042	ug/L #	30
62) 1,3,5-Trimethylbenzene	12.939	105	8266	1.073	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	18316	2.410	ug/L	94
71) Naphthalene	15.359	128	233220	55.906	ug/L	99

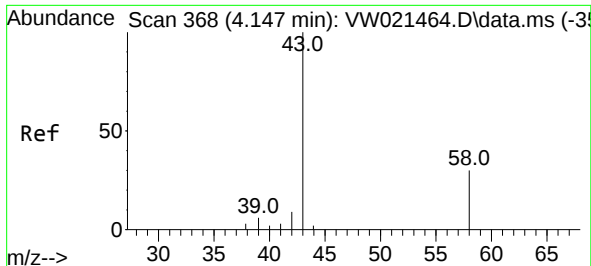
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration





#13

Acetone

Concen: 35.238 ug/L

RT: 4.129 min Scan# 3

Delta R.T. -0.030 min

Lab File: VW021650.D

Acq: 25 Dec 2021 16:57

Instrument :

MSVOA_W

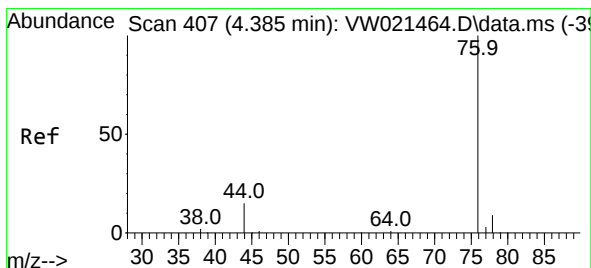
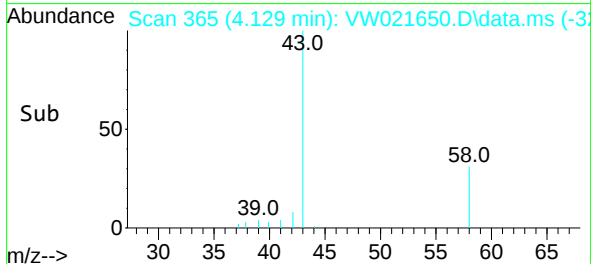
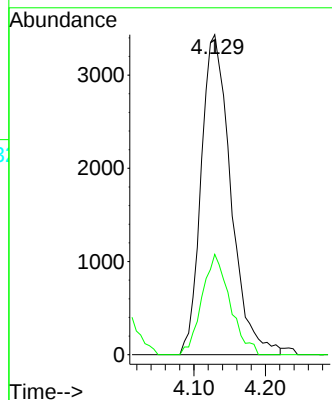
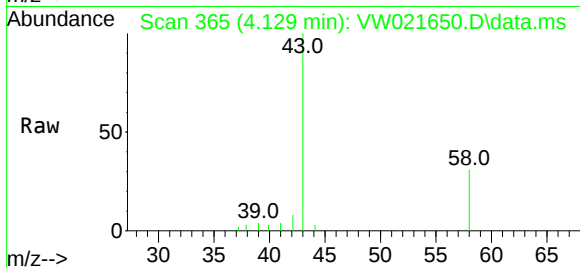
ClientSampleId :

Tgt Ion: 43 Resp: 9902

Ion Ratio Lower Upper

43 100

58 28.7 0.0 52.8



#14

Carbon disulfide

Concen: 1.705 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021650.D

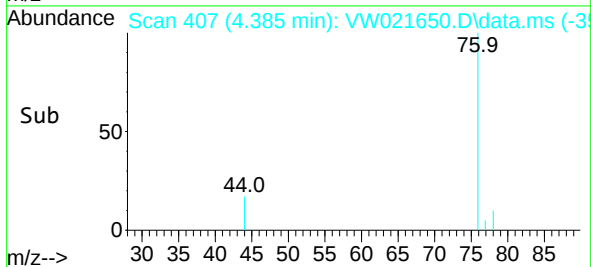
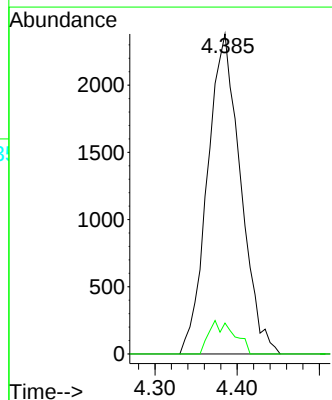
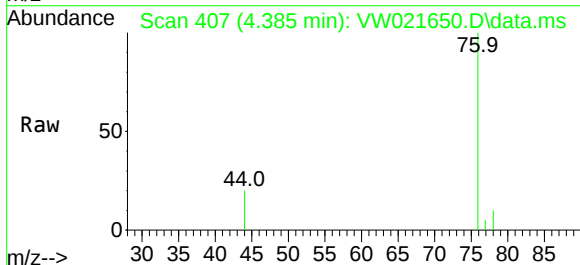
Acq: 25 Dec 2021 16:57

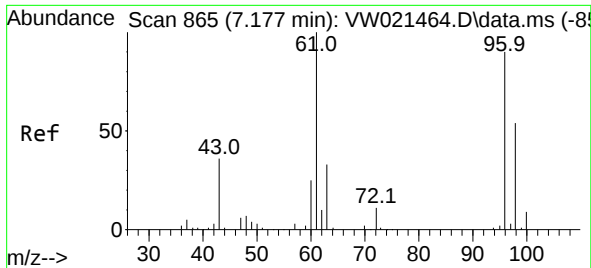
Tgt Ion: 76 Resp: 6665

Ion Ratio Lower Upper

76 100

78 9.7 7.1 10.7

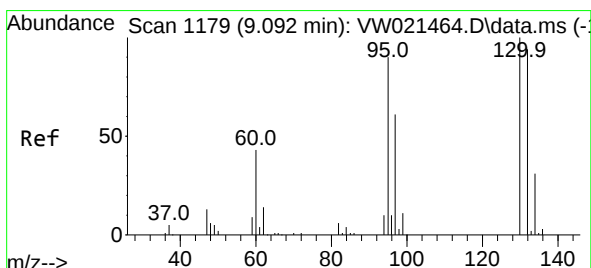
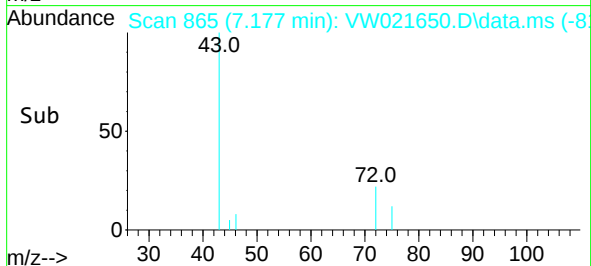
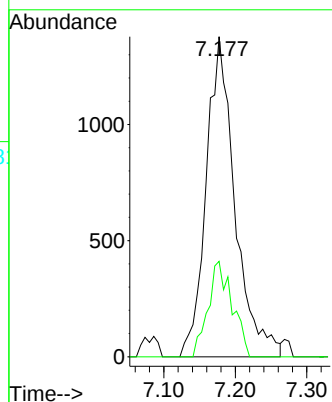
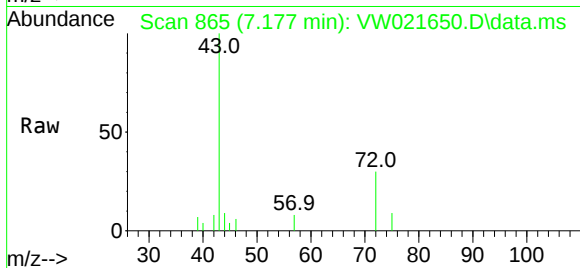




#22
2-Butanone
Concen: 10.518 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.012 min
Lab File: VW021650.D
Acq: 25 Dec 2021 16:57

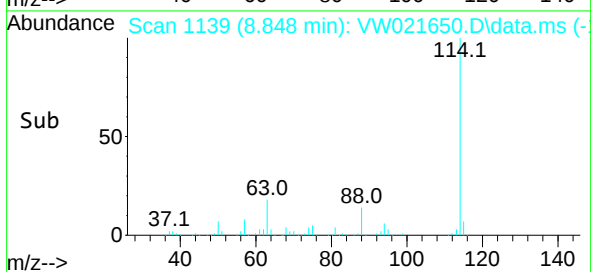
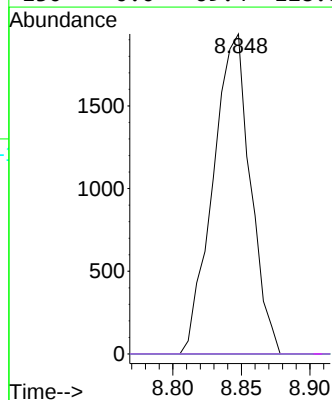
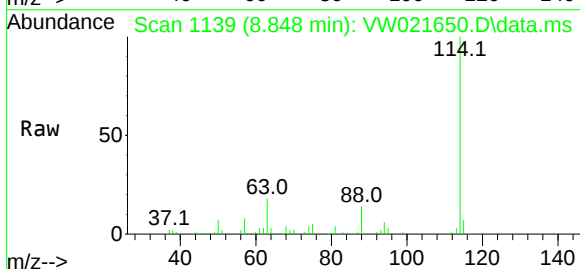
Instrument :
MSVOA_W
ClientSampleId :

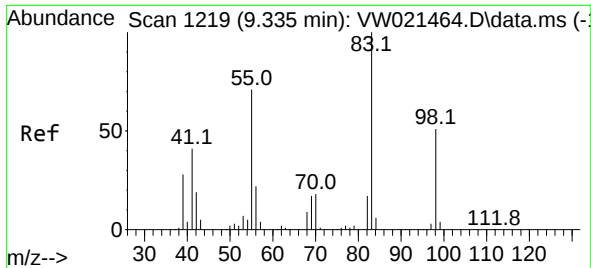
Tgt Ion: 43 Resp: 3860
Ion Ratio Lower Upper
43 100
72 21.0 11.8 35.4



#34
Trichloroethene
Concen: 2.035 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW021650.D
Acq: 25 Dec 2021 16:57

Tgt Ion: 95 Resp: 3683
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#

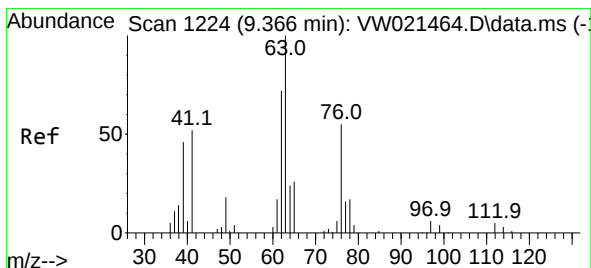
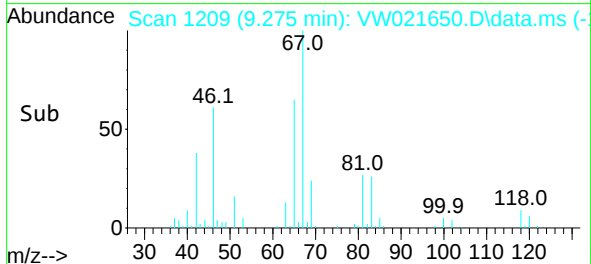
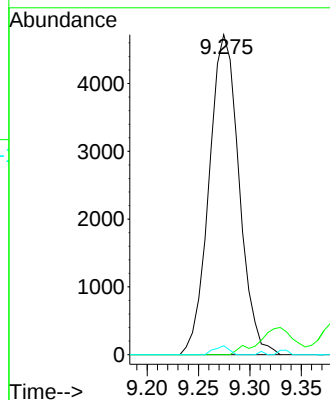
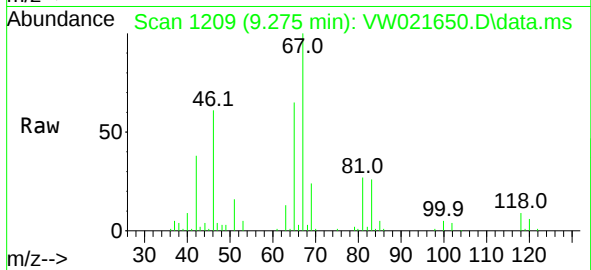




#35
Methylcyclohexane
Concen: 3.209 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021650.D
Acq: 25 Dec 2021 16:57

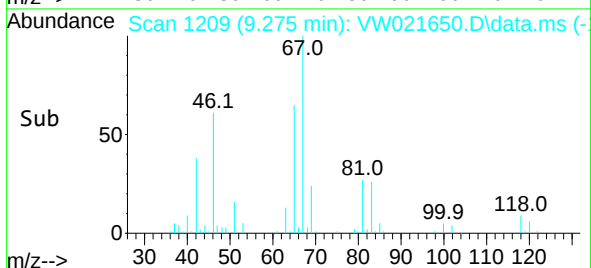
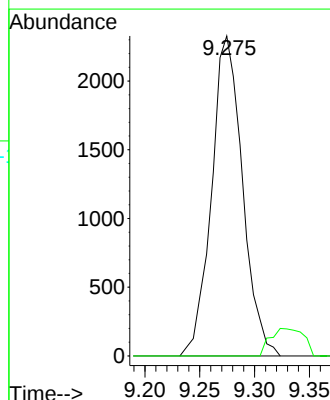
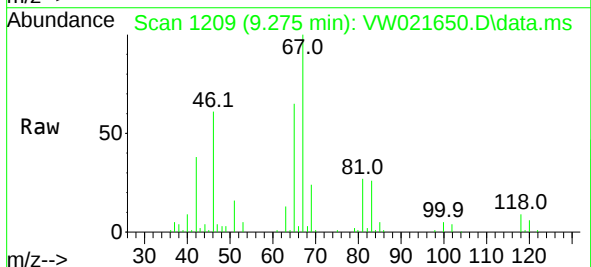
Instrument :
MSVOA_W
ClientSampleId :

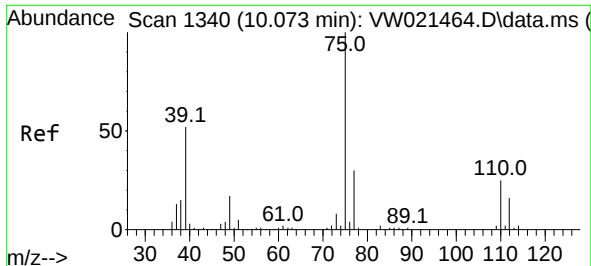
Tgt Ion: 83 Resp: 9579
Ion Ratio Lower Upper
83 100
55 1.1 70.8 106.2#
98 1.4 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.175 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW021650.D
Acq: 25 Dec 2021 16:57

Tgt Ion: 63 Resp: 4566
Ion Ratio Lower Upper
63 100
112 9.2 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.536 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021650.D

Acq: 25 Dec 2021 16:57

Instrument :

MSVOA_W

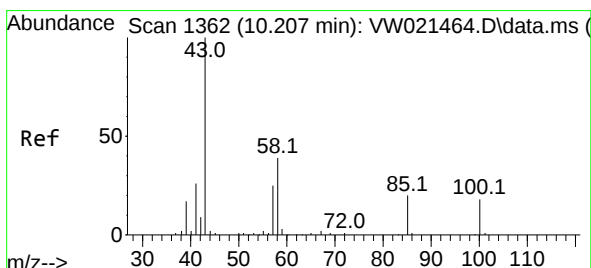
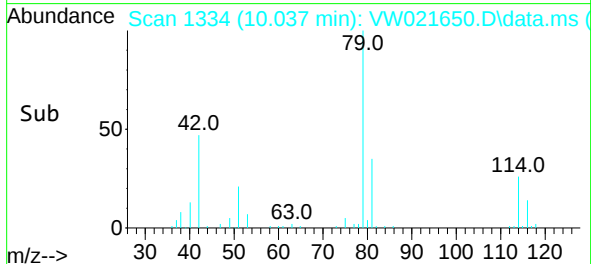
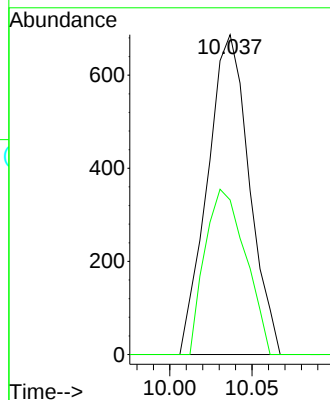
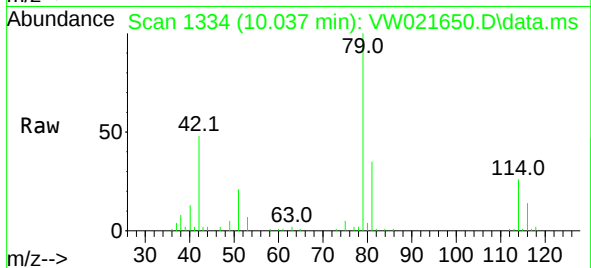
ClientSampleId :

Tgt Ion: 75 Resp: 1214

Ion Ratio Lower Upper

75 100

77 48.3 21.8 40.6#



#40

4-Methyl-2-pentanone

Concen: 2.722 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VW021650.D

Acq: 25 Dec 2021 16:57

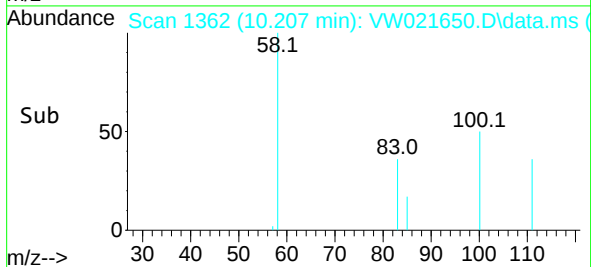
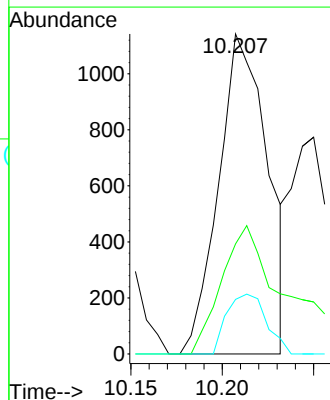
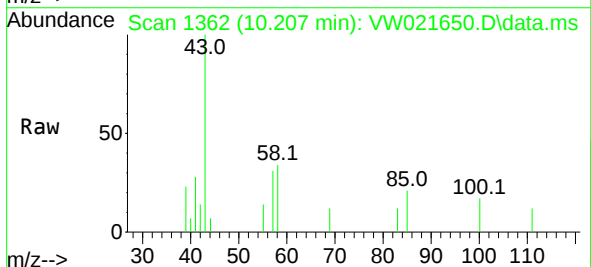
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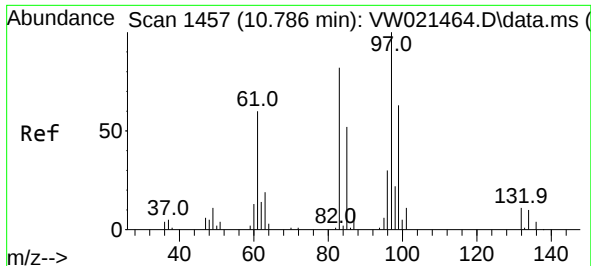
Ion Ratio Lower Upper

43 100

58 51.6 28.8 43.2#

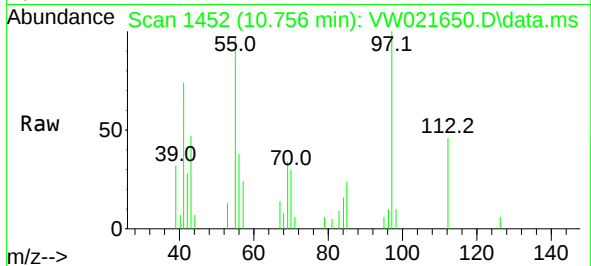
100 15.1 10.0 15.0#



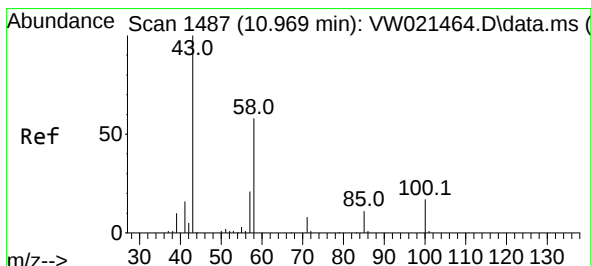
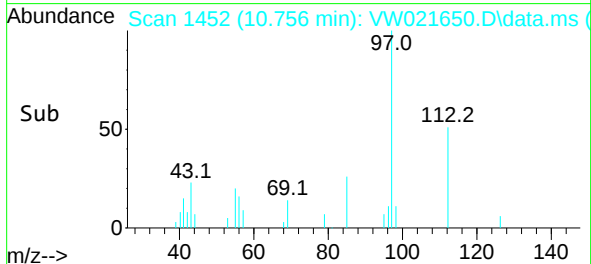
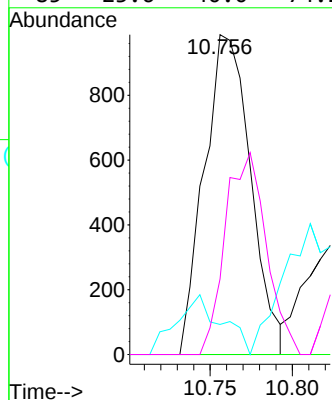


#45
1,1,2-Trichloroethane
Concen: 1.644 ug/L
RT: 10.756 min Scan# 1457
Delta R.T. -0.030 min
Lab File: VW021650.D
Acq: 25 Dec 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :

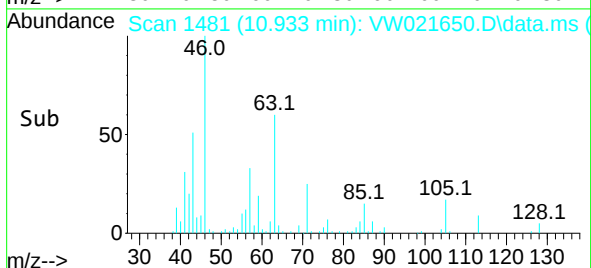
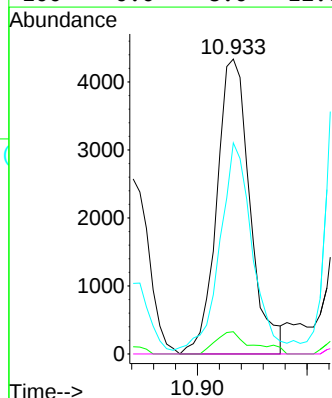
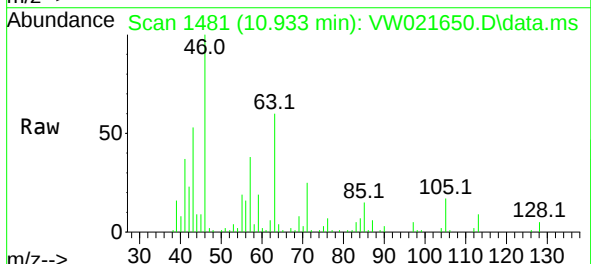


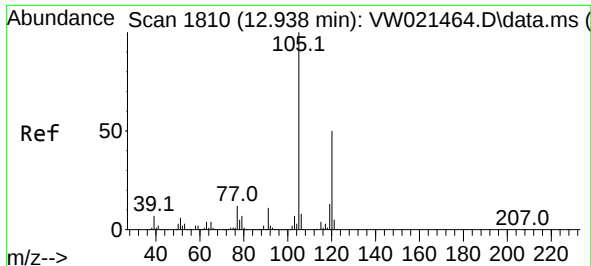
Tgt Ion: 97 Resp: 1935
Ion Ratio Lower Upper
97 100
99 0.0 43.0 79.8#
83 9.4 62.6 116.3#
85 23.6 40.0 74.2#



#48
2-Hexanone
Concen: 16.042 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.036 min
Lab File: VW021650.D
Acq: 25 Dec 2021 16:57

Tgt Ion: 43 Resp: 9115
Ion Ratio Lower Upper
43 100
58 5.9 40.2 60.2#
57 67.2 14.3 21.5#
100 0.0 8.0 12.0#





#62

1,3,5-Trimethylbenzene

Concen: 1.073 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021650.D

Acq: 25 Dec 2021 16:57

Instrument :

MSVOA_W

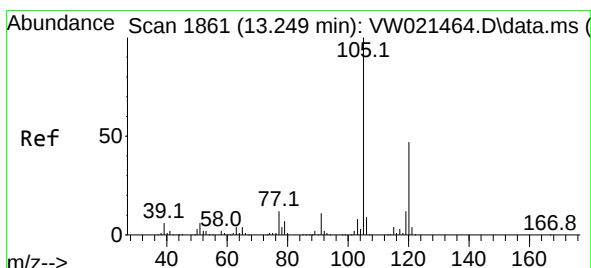
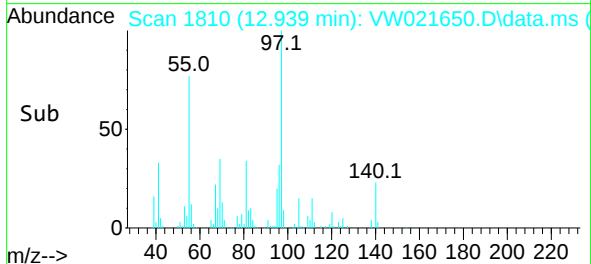
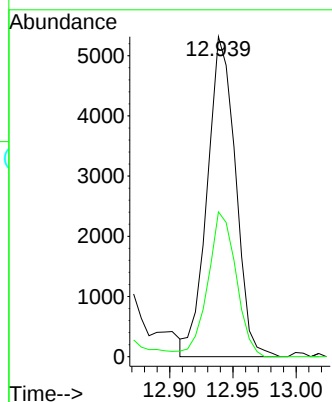
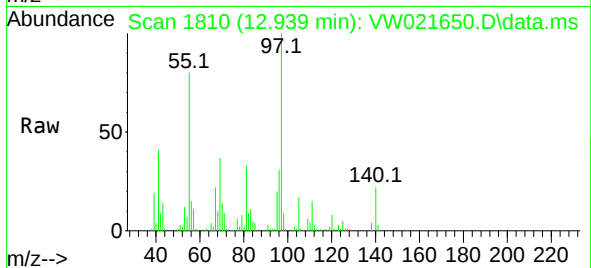
ClientSampleId :

Tgt Ion:105 Resp: 8266

Ion Ratio Lower Upper

105 100

120 45.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 2.410 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021650.D

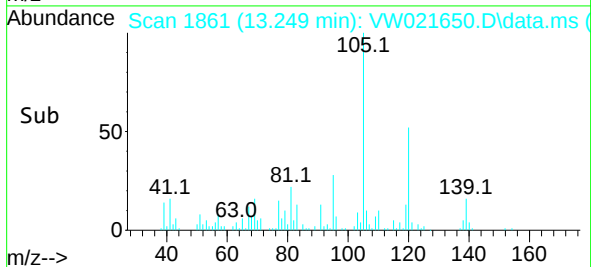
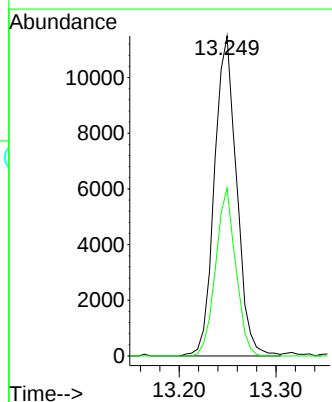
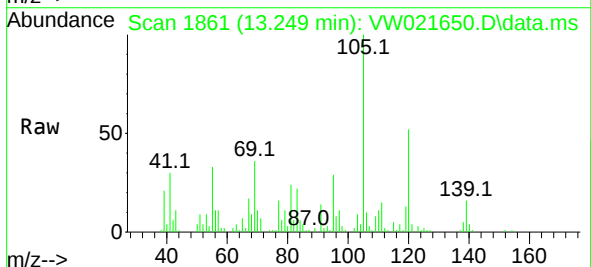
Acq: 25 Dec 2021 16:57

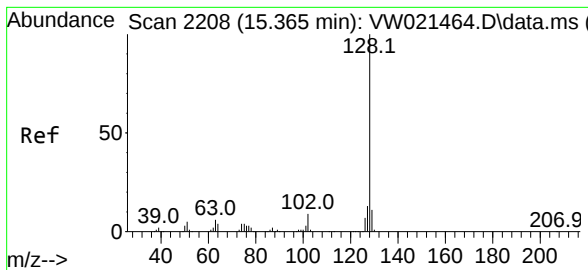
Tgt Ion:105 Resp: 18316

Ion Ratio Lower Upper

105 100

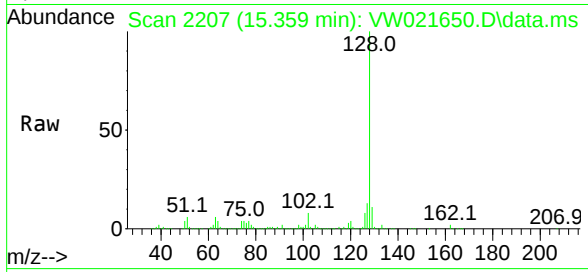
120 47.4 35.0 52.6





#71
Naphthalene
Concen: 55.906 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021650.D
Acq: 25 Dec 2021 16:57

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 233220
Ion Ratio Lower Upper
128 100
127 13.5 10.7 16.1
129 11.4 8.6 12.8

