

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021445.D
 Acq On : 18 Dec 2021 01:15
 Operator : SY/VA
 Sample : M5153-13
 Misc : 6.75g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 03:59:53 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)

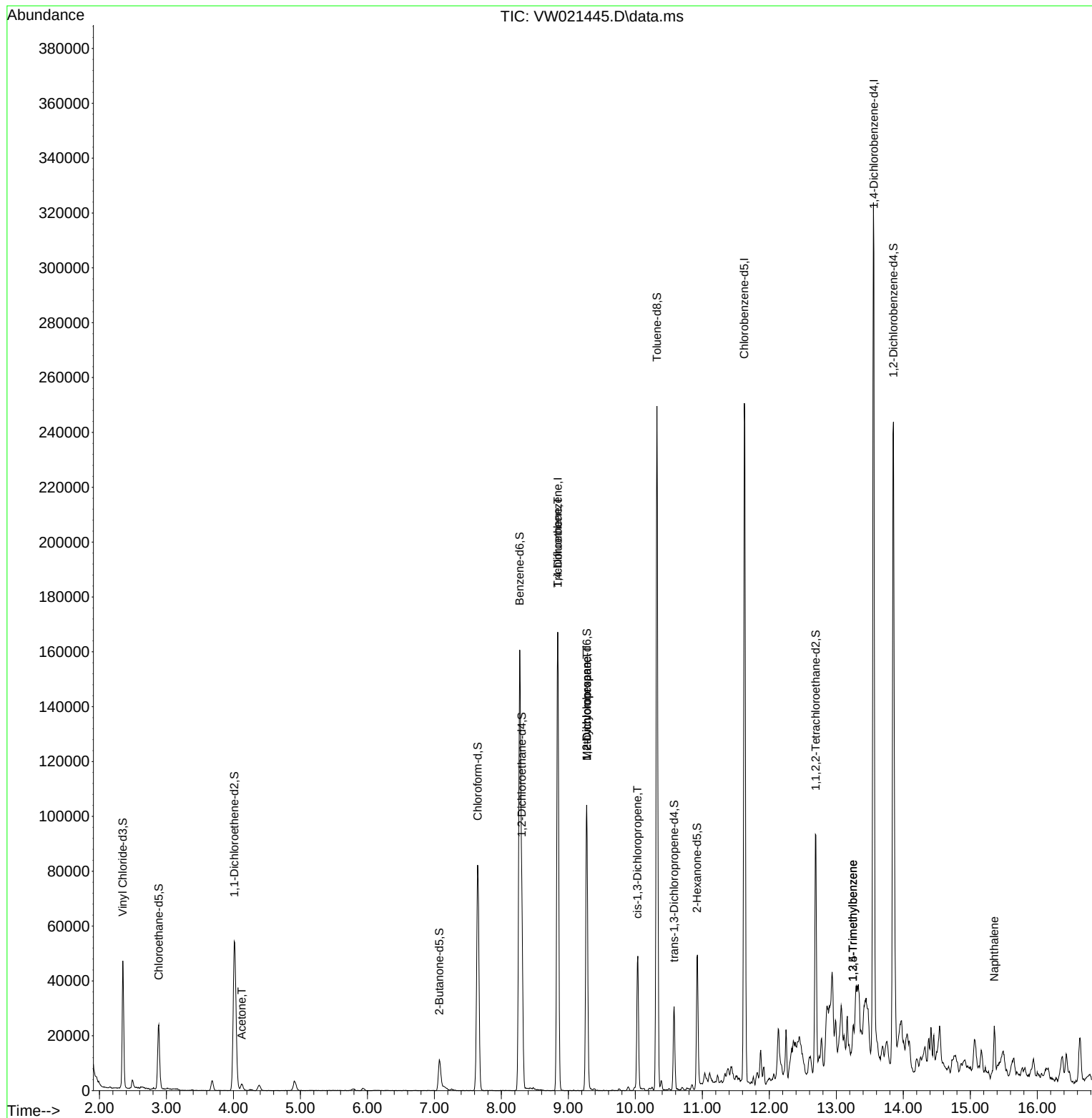
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	147348	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	144223	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	86849	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44216	16.476	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.920%		
7) Chloroethane-d5	2.885	69	27915	15.735	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	62.960%		
11) 1,1-Dichloroethene-d2	4.013	63	53116	14.846	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.400%		
21) 2-Butanone-d5	7.074	46	18777	49.638	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.280%		
24) Chloroform-d	7.647	84	82572	20.109	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	80.440%		
26) 1,2-Dichloroethane-d4	8.305	65	48043	21.995	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	88.000%		
32) Benzene-d6	8.275	84	162768	20.590	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.360%		
36) 1,2-Dichloropropane-d6	9.274	67	45049	21.248	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	85.000%		
41) Toluene-d8	10.323	98	163288	20.216	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.880%		
43) trans-1,3-Dichloroprop...	10.579	79	16037	16.428	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	65.720%		
47) 2-Hexanone-d5	10.920	63	16199	51.670	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	103.340%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	38821	21.300	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.200%		
66) 1,2-Dichlorobenzene-d4	13.853	152	63603	18.896	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	75.600%		
Target Compounds						Qvalue
13) Acetone	4.123	43	4443	13.102	ug/L	82
34) Trichloroethene	8.842	95	4508	2.044	ug/L #	5
35) Methylcyclohexane	9.274	83	12504	3.437	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	5916	3.376	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	1430	0.518	ug/L #	73
62) 1,3,5-Trimethylbenzene	13.249	105	5870	0.585	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	5870	0.593	ug/L	99
71) Naphthalene	15.359	128	15197	2.795	ug/L	97

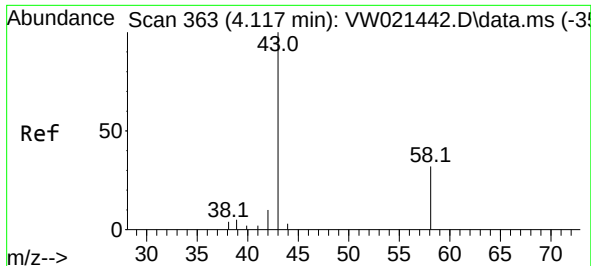
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
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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





#13

Acetone

Concen: 13.102 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021445.D

Acq: 18 Dec 2021 01:15

Instrument :

MSVOA_W

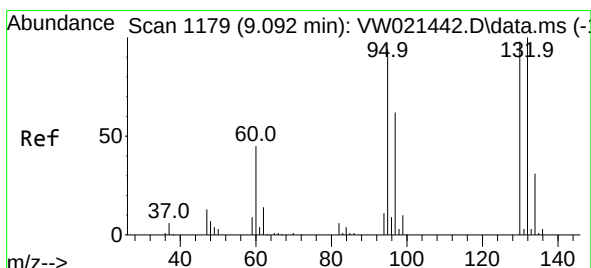
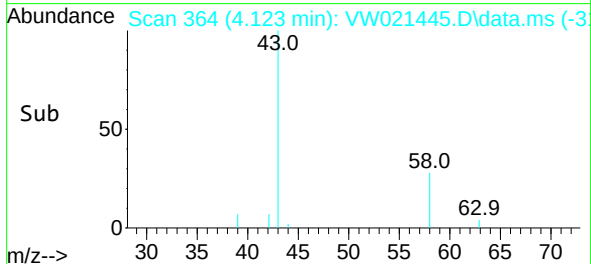
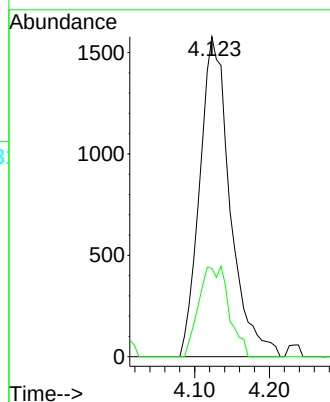
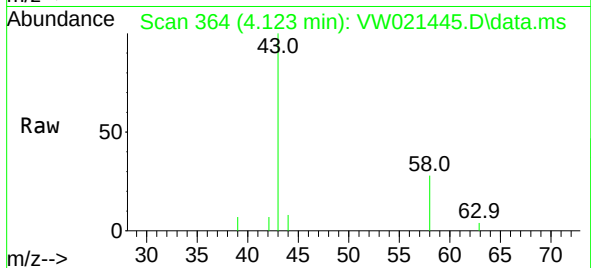
ClientSampleId :

Tgt Ion: 43 Resp: 4443

Ion Ratio Lower Upper

43 100

58 17.3 0.0 52.8



#34

Trichloroethene

Concen: 2.044 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021445.D

Acq: 18 Dec 2021 01:15

Tgt Ion: 95 Resp: 4508

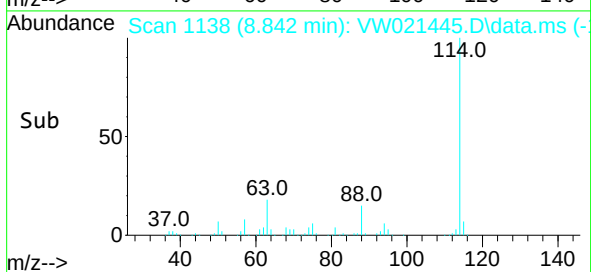
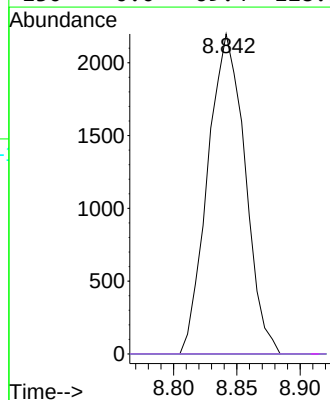
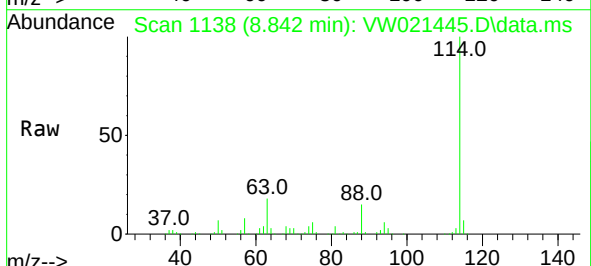
Ion Ratio Lower Upper

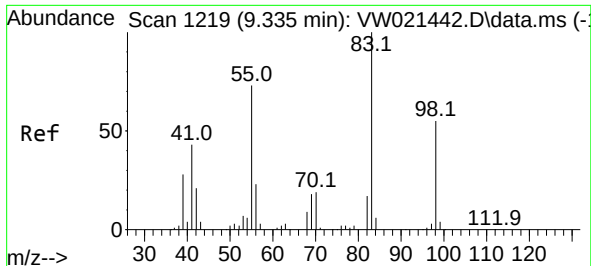
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.437 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021445.D

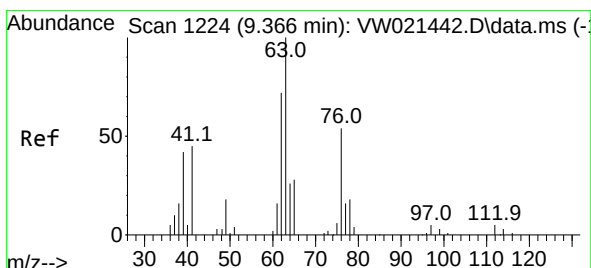
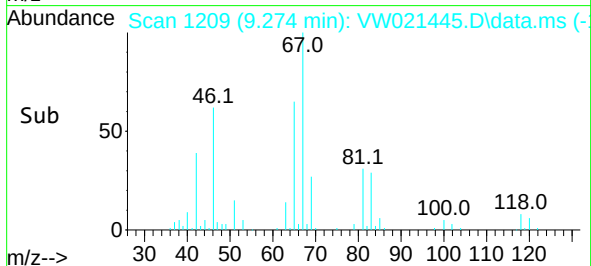
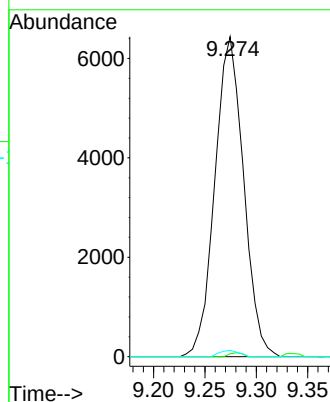
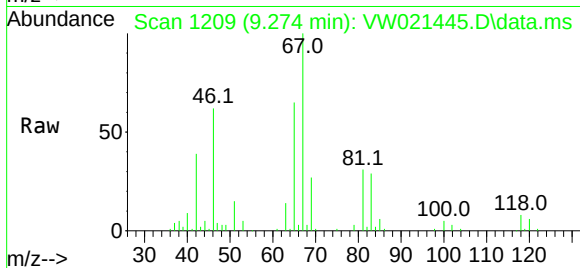
Acq: 18 Dec 2021 01:15

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 12504
Ion Ratio	Lower Upper
83	100
55	0.5 70.8 106.2#
98	1.3 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.376 ug/L

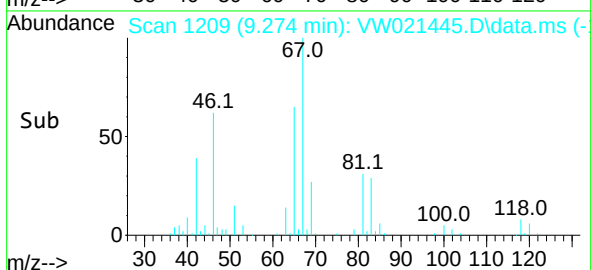
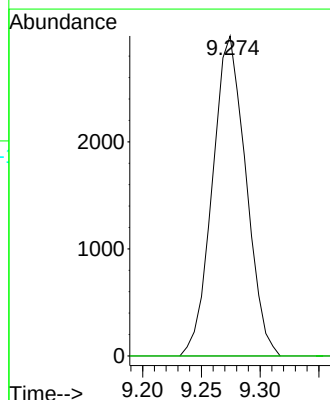
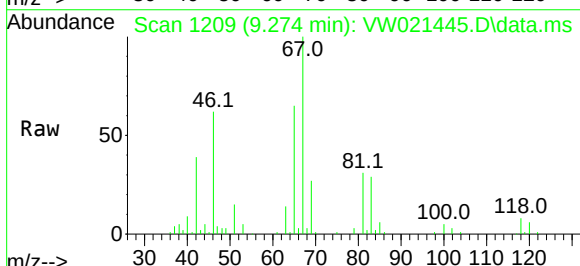
RT: 9.274 min Scan# 1209

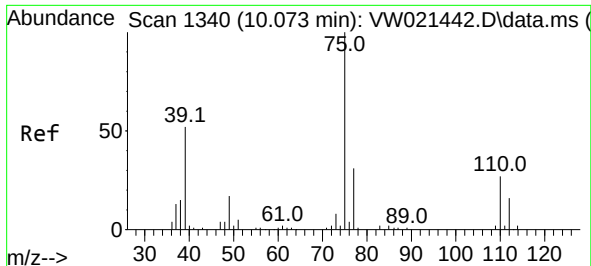
Delta R.T. -0.092 min

Lab File: VW021445.D

Acq: 18 Dec 2021 01:15

Tgt Ion: 63	Resp: 5916
Ion Ratio	Lower Upper
63	100
112	0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.518 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021445.D

Acq: 18 Dec 2021 01:15

Instrument :

MSVOA_W

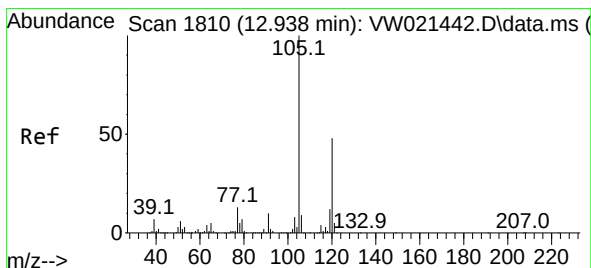
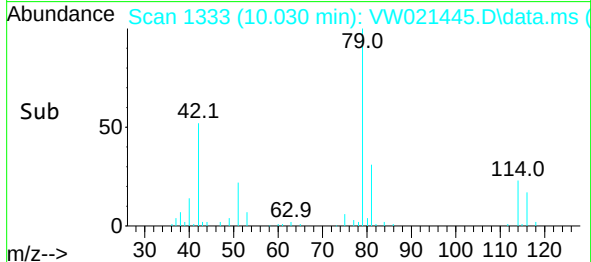
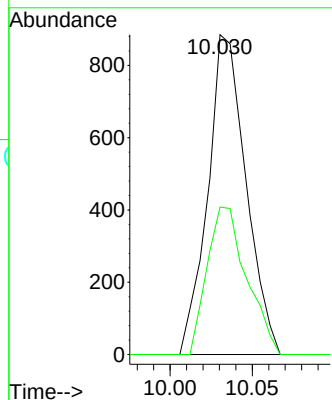
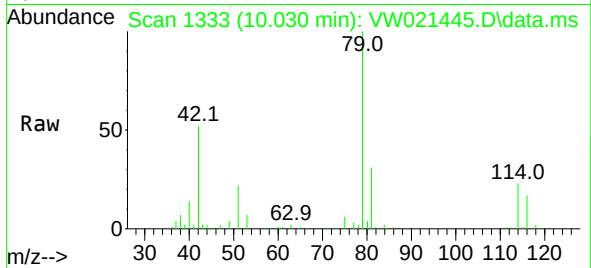
ClientSampleId :

Tgt Ion: 75 Resp: 1430

Ion Ratio Lower Upper

75 100

77 46.1 21.8 40.6#



#62

1,3,5-Trimethylbenzene

Concen: 0.585 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.311 min

Lab File: VW021445.D

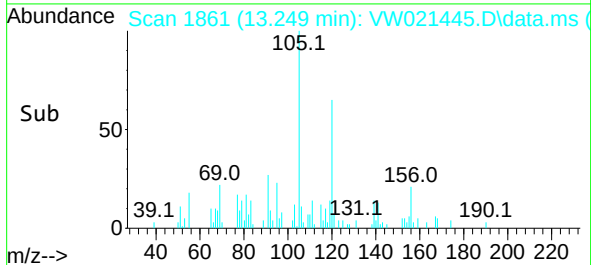
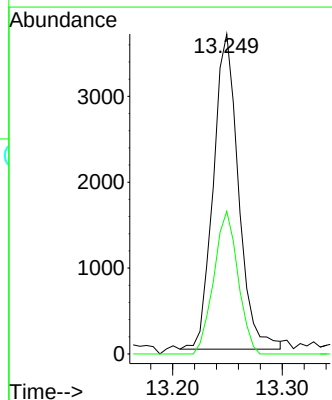
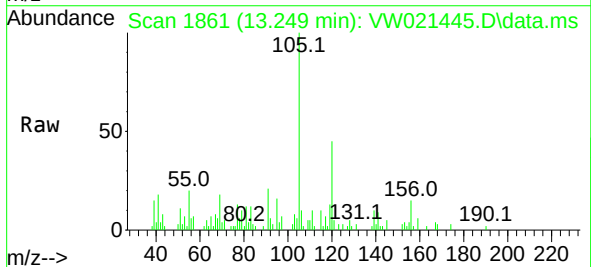
Acq: 18 Dec 2021 01:15

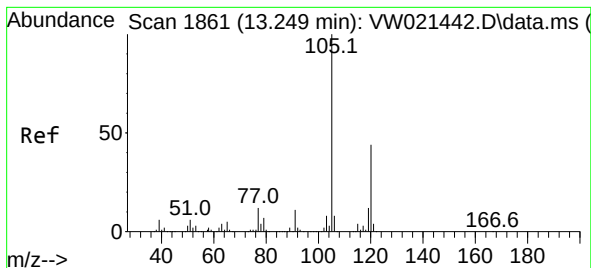
Tgt Ion:105 Resp: 5870

Ion Ratio Lower Upper

105 100

120 43.2 37.4 56.2





#63

1,2,4-Trimethylbenzene

Concen: 0.593 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021445.D

Acq: 18 Dec 2021 01:15

Instrument :

MSVOA_W

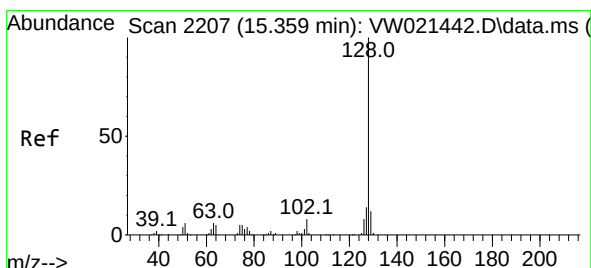
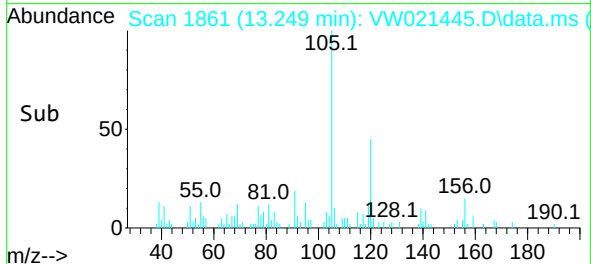
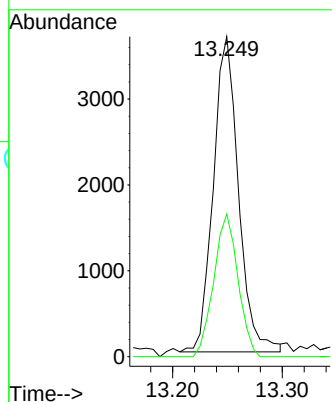
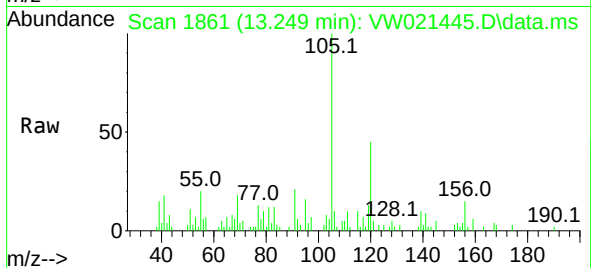
ClientSampleId :

Tgt Ion:105 Resp: 5870

Ion Ratio Lower Upper

105 100

120 43.2 35.0 52.6



#71

Naphthalene

Concen: 2.795 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.000 min

Lab File: VW021445.D

Acq: 18 Dec 2021 01:15

Tgt Ion:128 Resp: 15197

Ion Ratio Lower Upper

128 100

127 15.2 10.7 16.1

129 10.4 8.6 12.8

