

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021256.D
 Acq On : 09 Dec 2021 21:23
 Operator : SY/VA
 Sample : M4883-12RE
 Misc : 3.25g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW9G8RE

Quant Time: Dec 10 00:33:45 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)

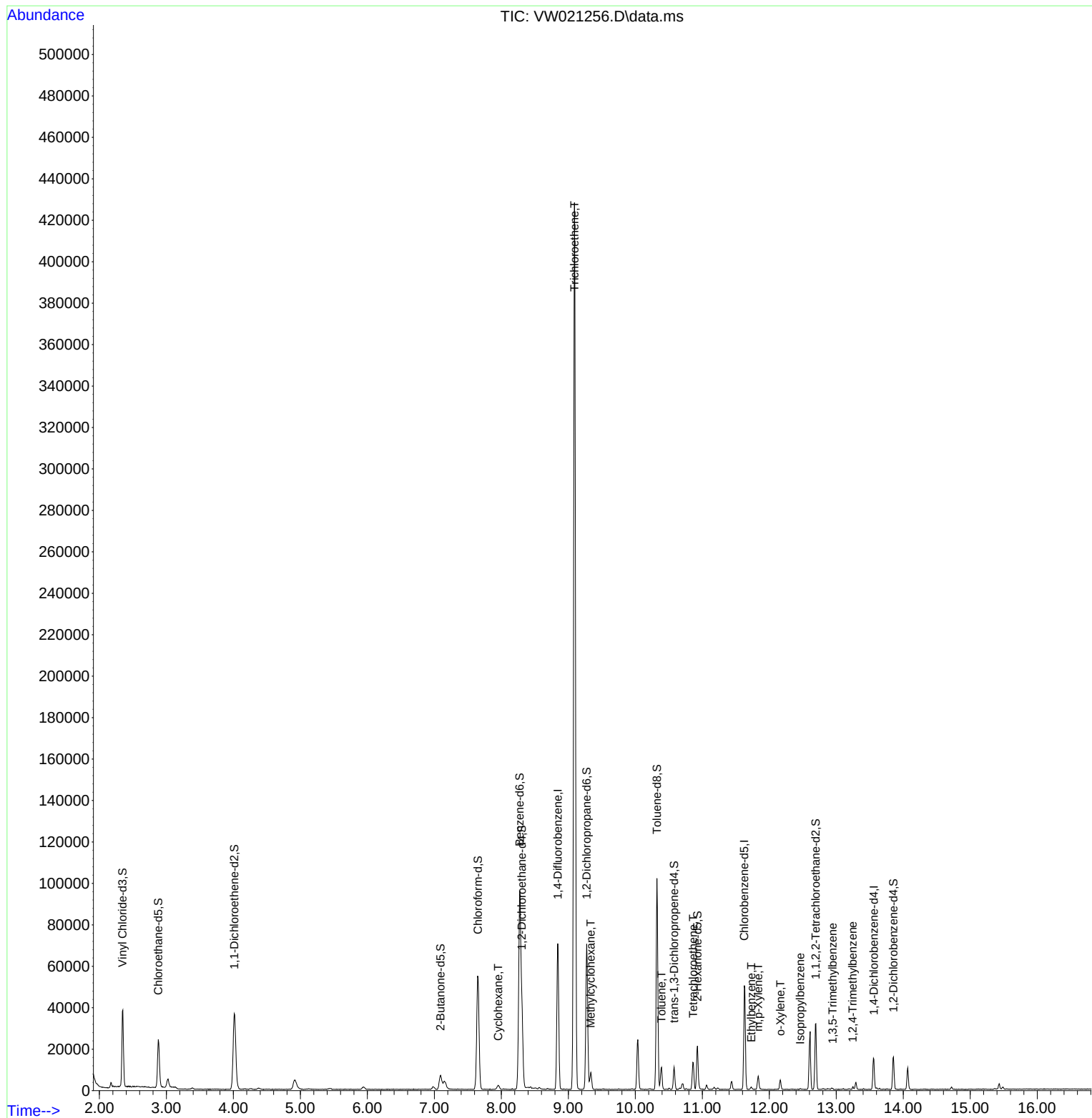
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	59786	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	28970	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	4174	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	35908	32.978	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 131.920%	
7) Chloroethane-d5	2.879	69	25647	35.630	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 142.520%	
11) 1,1-Dichloroethene-d2	4.013	63	33893	23.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 93.400%	
21) 2-Butanone-d5	7.092	46	12183	79.375	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	= 158.760%#	
24) Chloroform-d	7.653	84	54696	32.829	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 131.320%	
26) 1,2-Dichloroethane-d4	8.305	65	27478	31.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 124.000%	
32) Benzene-d6	8.275	84	96467	60.749	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 243.000%#	
36) 1,2-Dichloropropane-d6	9.274	67	28936	67.946	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 271.800%#	
41) Toluene-d8	10.323	98	64279	39.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 158.480%#	
43) trans-1,3-Dichloroprop...	10.579	79	5543	28.268	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 113.080%	
47) 2-Hexanone-d5	10.927	63	6958	110.489	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 220.980%#	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	14647	40.009	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 160.040%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	4357	26.934	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 107.720%	
Target Compounds						
29) Cyclohexane	7.952	56	1050	1.821	ug/L	87
34) Trichloroethene	9.092	95	135585	306.055	ug/L	84
35) Methylcyclohexane	9.335	83	3042	4.163	ug/L #	89
42) Toluene	10.390	91	8098	4.387	ug/L	92
46) Tetrachloroethene	10.866	164	3101	7.369	ug/L	83
52) Ethylbenzene	11.731	91	1093	0.518	ug/L	85
53) m,p-Xylene	11.835	106	1931	2.269	ug/L	87
54) o-Xylene	12.164	106	1259	1.559	ug/L	100
60) Isopropylbenzene	12.463	105	380	0.670	ug/L #	72
62) 1,3,5-Trimethylbenzene	12.945	105	320	0.663	ug/L	93
63) 1,2,4-Trimethylbenzene	13.243	105	989	2.077	ug/L	92

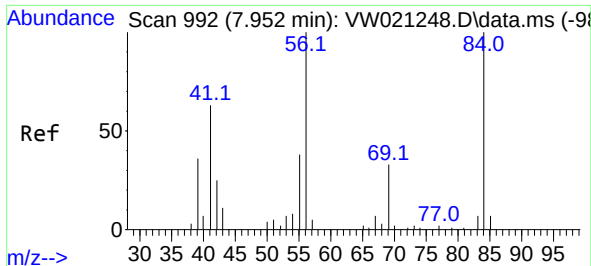
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 10 00:28:10 2021
Response via : Initial Calibration





#29

Cyclohexane

Concen: 1.821 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW021256.D

Acq: 09 Dec 2021 21:23

Instrument :

MSVOA_W

ClientSampleId :

EW9G8RE

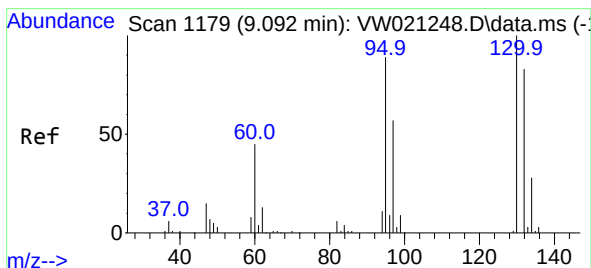
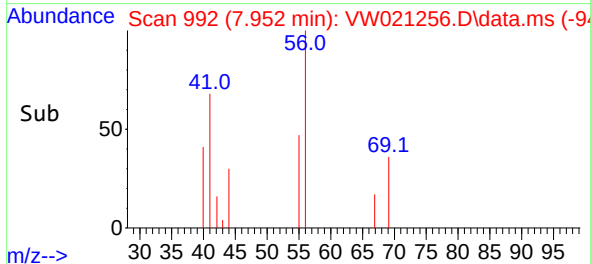
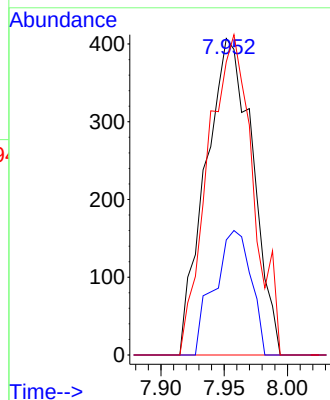
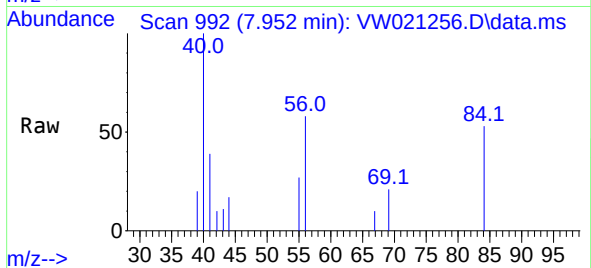
Tgt Ion: 56 Resp: 1050

Ion Ratio Lower Upper

56 100

69 25.2 23.5 35.3

84 92.6 63.4 95.2



#34

Trichloroethene

Concen: 306.055 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021256.D

Acq: 09 Dec 2021 21:23

Tgt Ion: 95 Resp: 135585

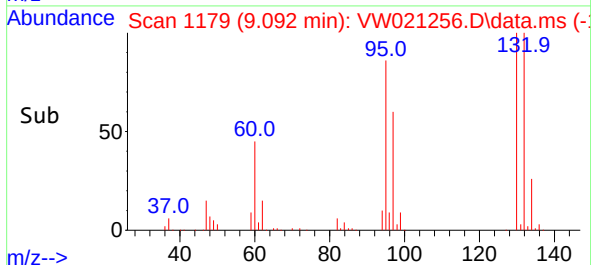
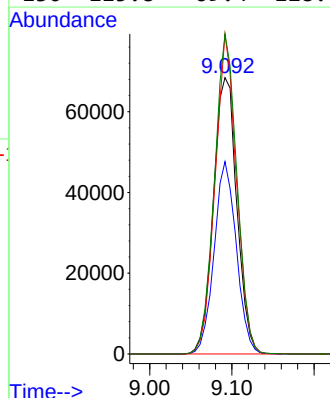
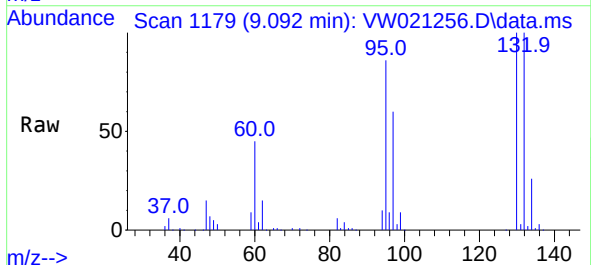
Ion Ratio Lower Upper

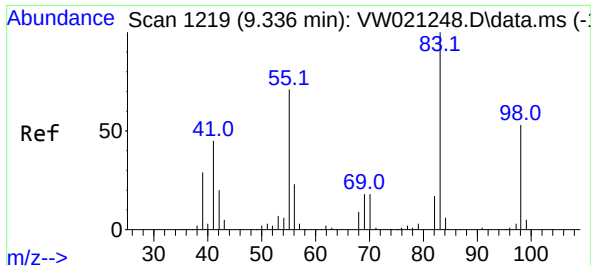
95 100

97 69.6 47.0 87.2

132 115.6 65.5 121.6

130 115.8 69.4 128.8





#35

Methylcyclohexane

Concen: 4.163 ug/L

RT: 9.335 min Scan# 11

Delta R.T. -0.000 min

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Instrument :

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ClientSampleId :

EW9G8RE

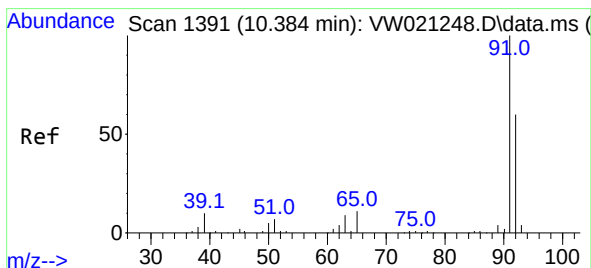
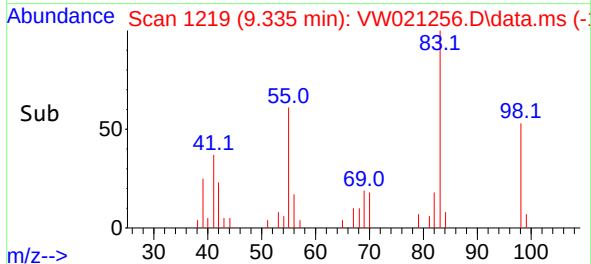
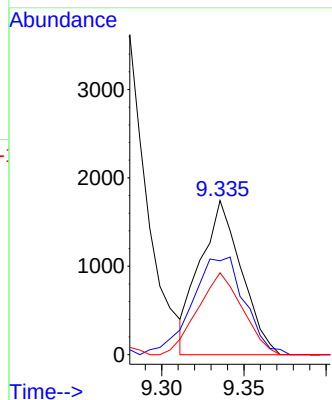
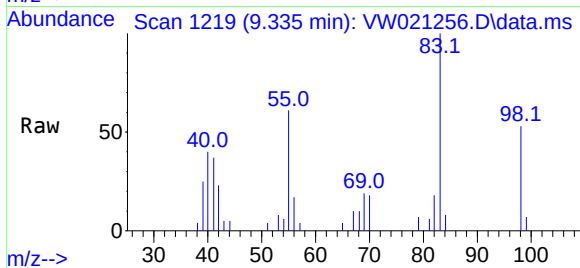
Tgt Ion: 83 Resp: 3042

Ion Ratio Lower Upper

83 100

55 80.7 70.8 106.2

98 57.5 37.7 56.5#



#42

Toluene

Concen: 4.387 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW021256.D

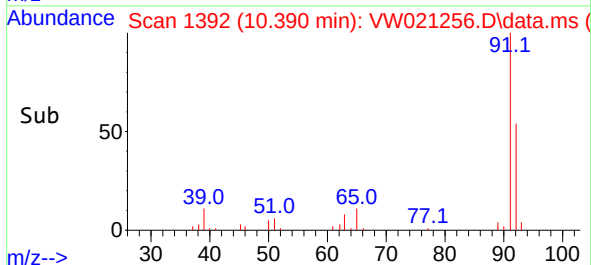
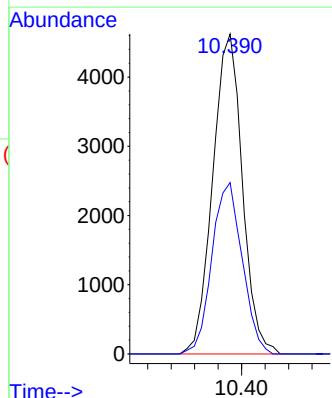
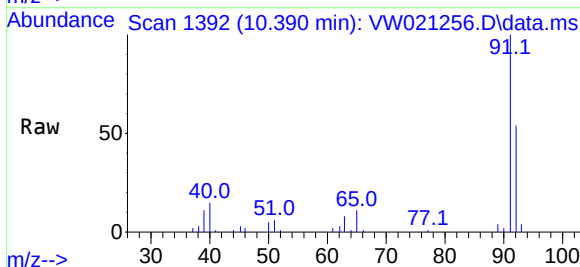
Acq: 09 Dec 2021 21:23

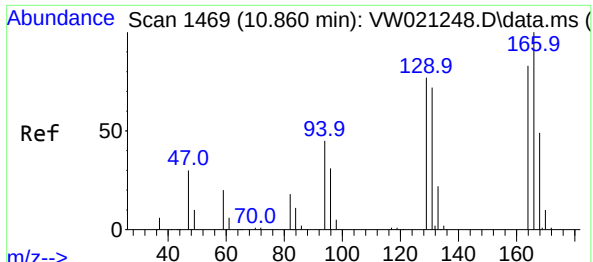
Tgt Ion: 91 Resp: 8098

Ion Ratio Lower Upper

91 100

92 53.6 41.7 77.5





#46

Tetrachloroethene

Concen: 7.369 ug/L

RT: 10.866 min Scan# 1469

Delta R.T. 0.006 min

Lab File: VW021256.D

Acq: 09 Dec 2021 21:23

Instrument :

MSVOA_W

ClientSampleId :

EW9G8RE

Tgt Ion:164 Resp: 3101

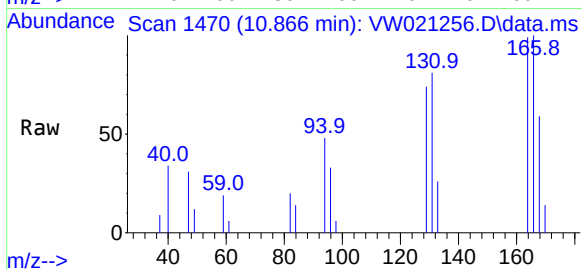
Ion Ratio Lower Upper

164 100

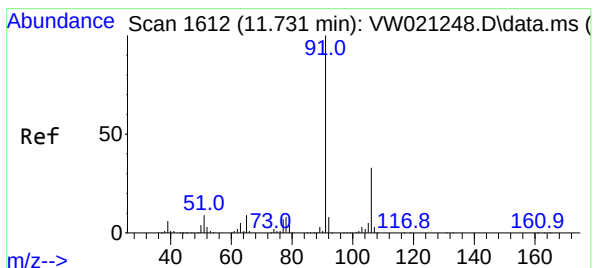
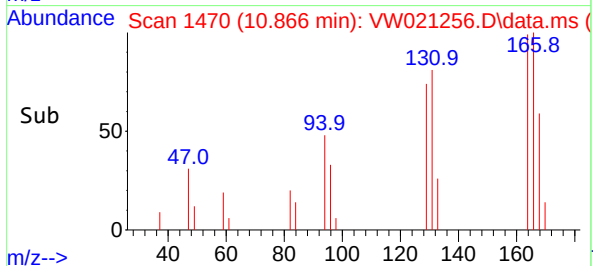
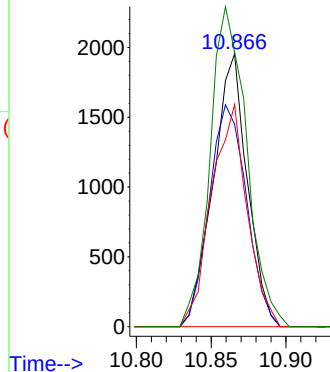
129 74.2 65.5 121.7

131 81.4 59.7 110.9

166 100.6 88.7 164.7



Abundance



#52

Ethylbenzene

Concen: 0.518 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021256.D

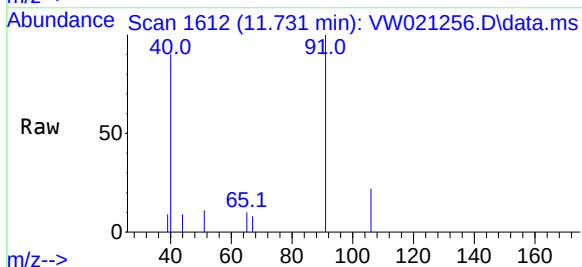
Acq: 09 Dec 2021 21:23

Tgt Ion: 91 Resp: 1093

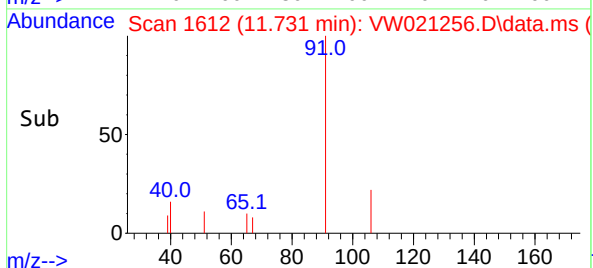
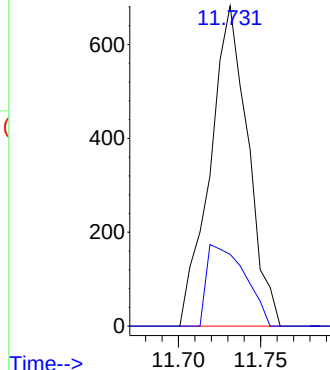
Ion Ratio Lower Upper

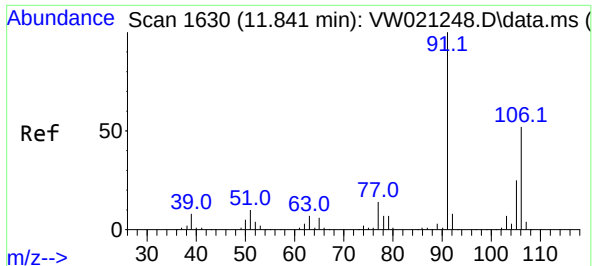
91 100

106 22.4 21.5 39.9



Abundance





#53

m,p-Xylene

Concen: 2.269 ug/L

RT: 11.835 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW021256.D

Acq: 09 Dec 2021 21:23

Instrument :

MSVOA_W

ClientSampleId :

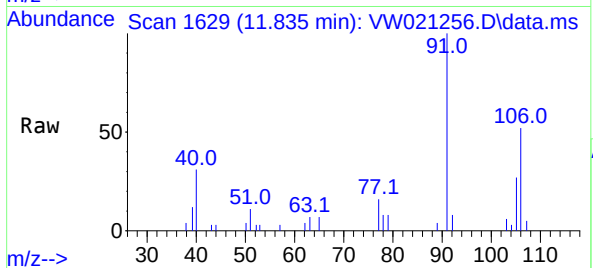
EW9G8RE

Tgt Ion:106 Resp: 1931

Ion Ratio Lower Upper

106 100

91 193.7 149.9 278.3



Abundance

2000

1500

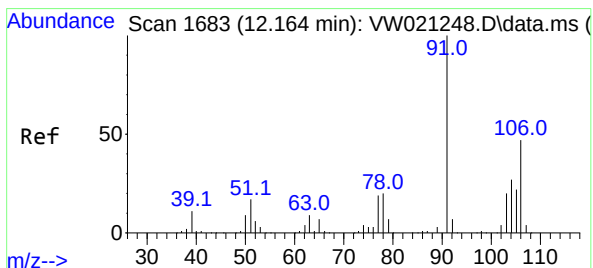
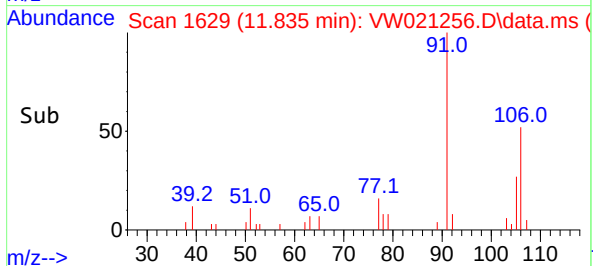
1000

500

0

11.835

Time-->



#54

o-Xylene

Concen: 1.559 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW021256.D

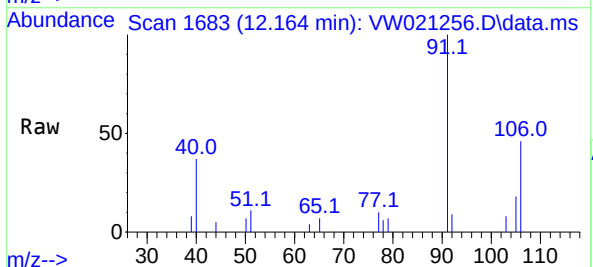
Acq: 09 Dec 2021 21:23

Tgt Ion:106 Resp: 1259

Ion Ratio Lower Upper

106 100

91 218.9 153.6 285.3



Abundance

1500

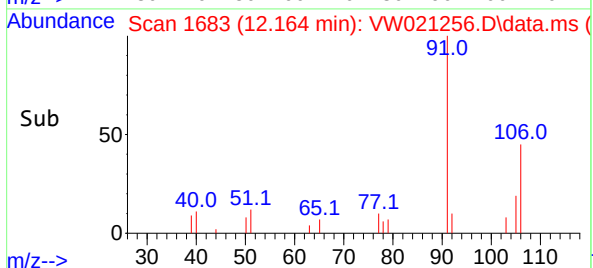
1000

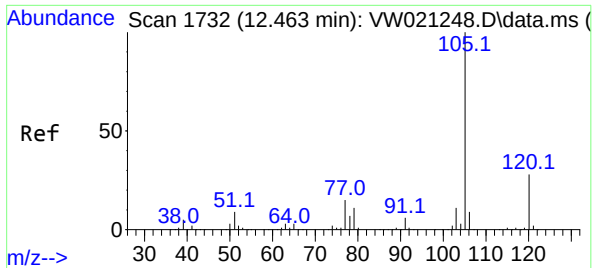
500

0

12.164

Time-->

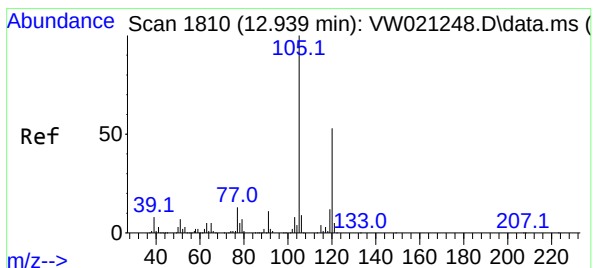
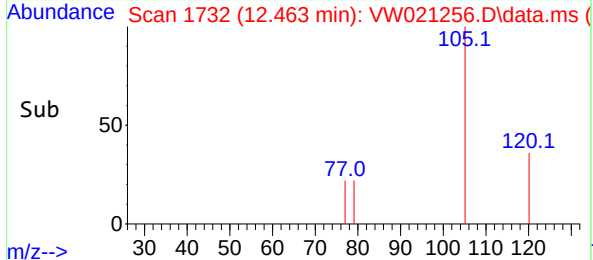
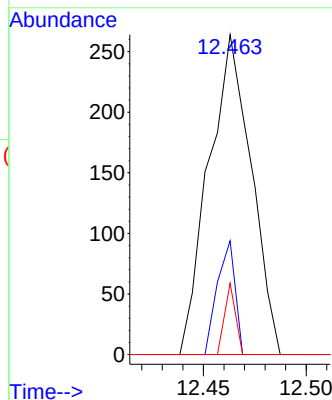
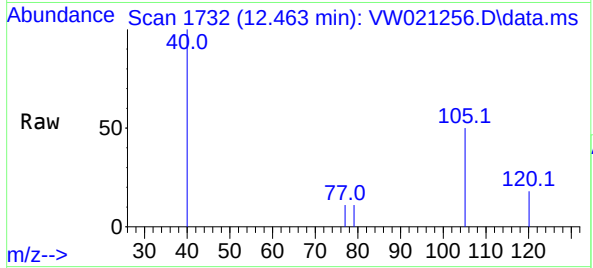




#60
Isopropylbenzene
Concen: 0.670 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021256.D
Acq: 09 Dec 2021 21:23

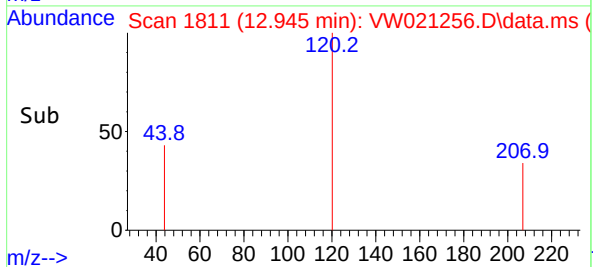
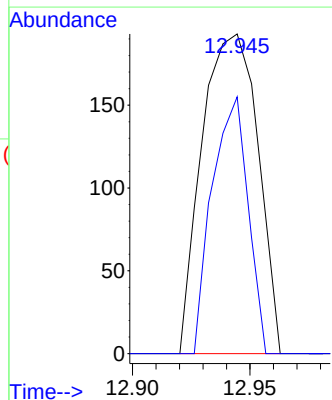
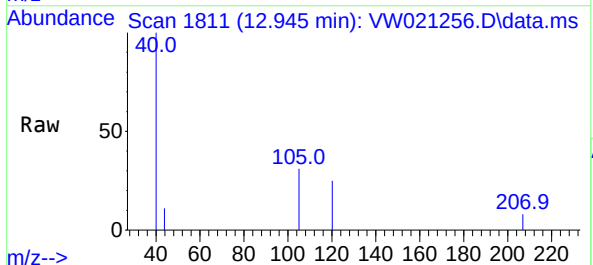
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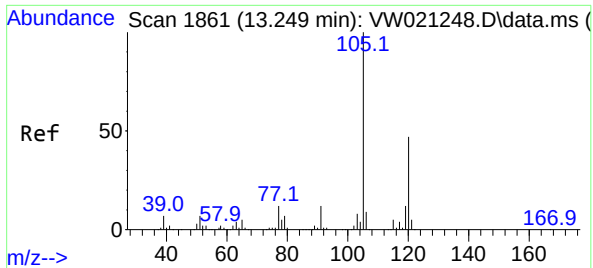
Tgt Ion:105 Resp: 380
Ion Ratio Lower Upper
105 100
120 14.7 20.1 30.1#
77 0.0 13.8 20.8#



#62
1,3,5-Trimethylbenzene
Concen: 0.663 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW021256.D
Acq: 09 Dec 2021 21:23

Tgt Ion:105 Resp: 320
Ion Ratio Lower Upper
105 100
120 51.2 37.4 56.2





#63
1,2,4-Trimethylbenzene
Concen: 2.077 ug/L
RT: 13.243 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021256.D
Acq: 09 Dec 2021 21:23

Instrument :
MSVOA_W
ClientSampleId :
EW9G8RE

Tgt Ion:105 Resp: 989
Ion Ratio Lower Upper
105 100
120 38.4 35.0 52.6

