

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122021\
 Data File : VW021504.D
 Acq On : 20 Dec 2021 17:36
 Operator : SY/VA
 Sample : M5171-15
 Misc : 6.72g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLB1

Quant Time: Dec 20 18:55:22 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)

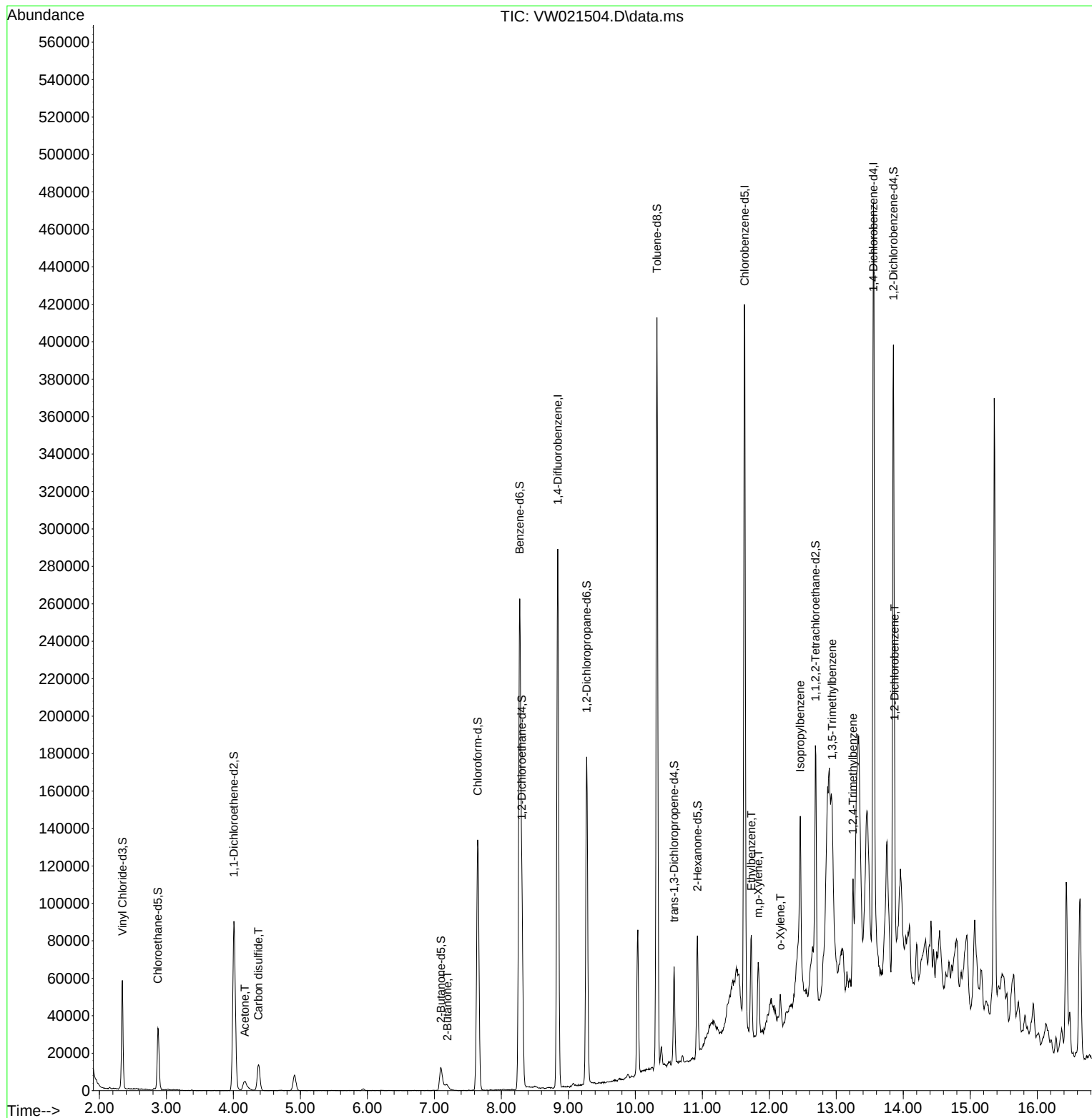
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	259038	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	237930	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	123403	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	55435	11.750	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.000%
7) Chloroethane-d5	2.873	69	36812	11.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.200%
11) 1,1-Dichloroethene-d2	4.007	63	83938	13.345	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.400%
21) 2-Butanone-d5	7.098	46	24940	37.503	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.000%
24) Chloroform-d	7.647	84	140988	19.531	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.120%
26) 1,2-Dichloroethane-d4	8.305	65	72968	19.003	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.000%
32) Benzene-d6	8.275	84	285996	21.929	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.720%
36) 1,2-Dichloropropane-d6	9.274	67	81694	23.357	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.440%
41) Toluene-d8	10.323	98	271270	20.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.440%
43) trans-1,3-Dichloroprop...	10.579	79	28302	17.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.280%
47) 2-Hexanone-d5	10.927	63	23483	45.403	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.800%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	58408	19.426	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.720%
66) 1,2-Dichlorobenzene-d4	13.853	152	95831	20.038	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.160%
Target Compounds						
					Qvalue	
13) Acetone	4.172	43	14668	24.604	ug/L	99
14) Carbon disulfide	4.373	76	31115	3.752	ug/L	97
22) 2-Butanone	7.196	43	4950	6.358	ug/L	88
52) Ethylbenzene	11.731	91	39152	2.260	ug/L	100
53) m,p-Xylene	11.835	106	13262	1.898	ug/L	84
54) o-Xylene	12.164	106	4517	0.681	ug/L	91
60) Isopropylbenzene	12.463	105	51407	3.066	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	7850	0.550	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	29639	2.106	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	9118	1.309	ug/L	# 82

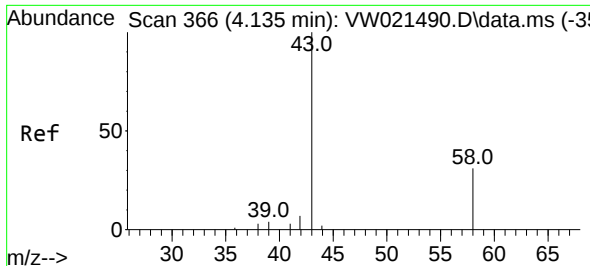
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#13

Acetone

Concen: 24.604 ug/L

RT: 4.172 min Scan# 31

Delta R.T. 0.055 min

Lab File: VW021504.D

Acq: 20 Dec 2021 17:36

Instrument :

MSVOA_W

ClientSampleId :

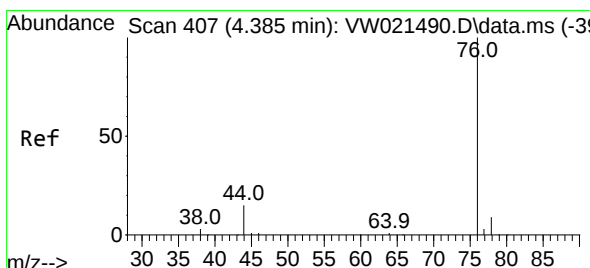
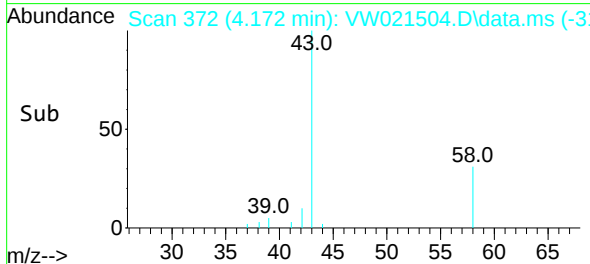
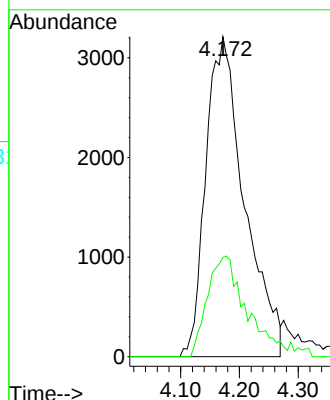
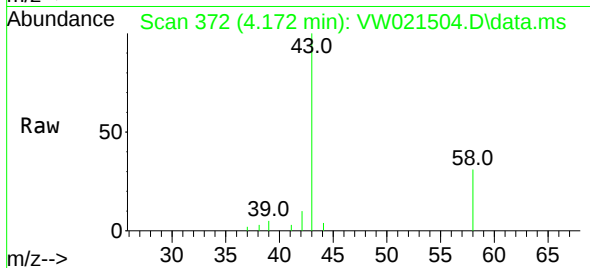
BGLB1

Tgt Ion: 43 Resp: 14668

Ion Ratio Lower Upper

43 100

58 25.8 0.0 52.8



#14

Carbon disulfide

Concen: 3.752 ug/L

RT: 4.373 min Scan# 405

Delta R.T. -0.006 min

Lab File: VW021504.D

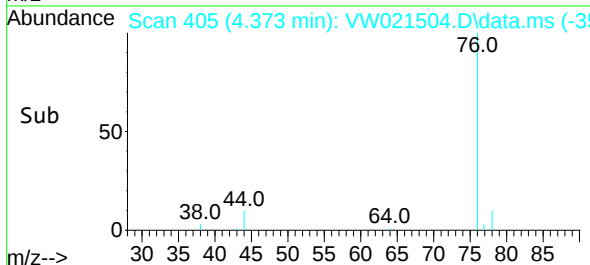
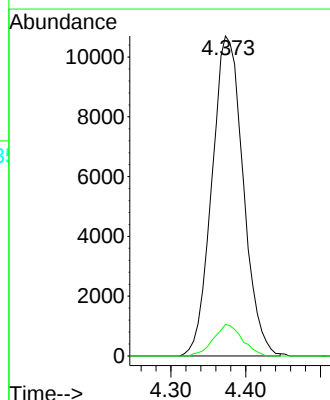
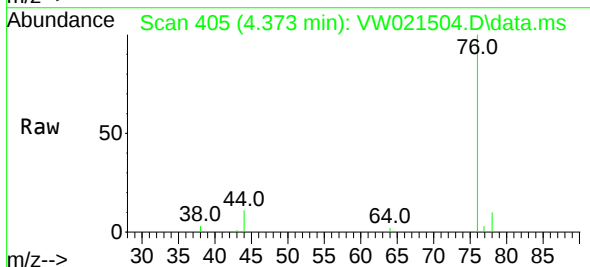
Acq: 20 Dec 2021 17:36

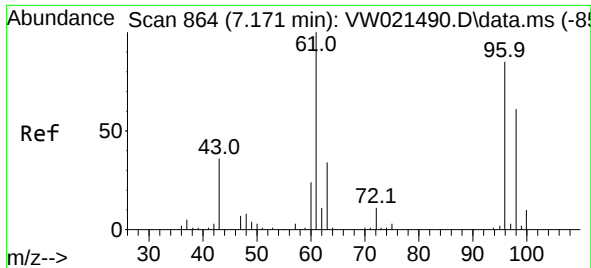
Tgt Ion: 76 Resp: 31115

Ion Ratio Lower Upper

76 100

78 9.9 7.1 10.7

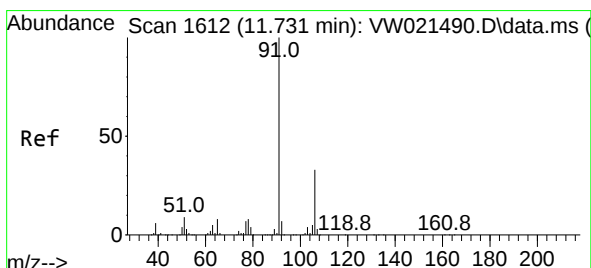
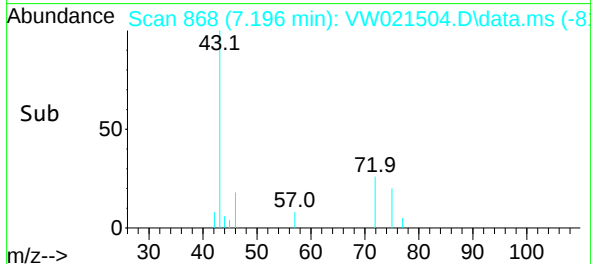
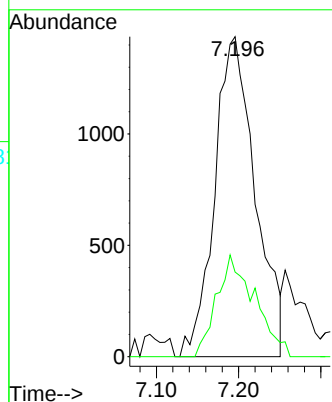
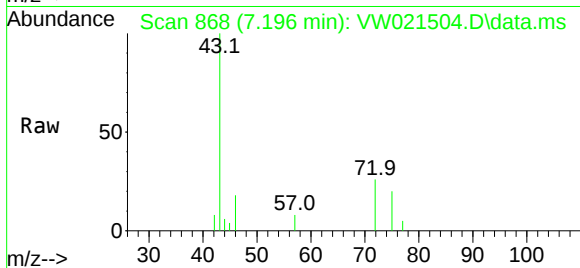




#22
2-Butanone
Concen: 6.358 ug/L
RT: 7.196 min Scan# 868
Delta R.T. 0.030 min
Lab File: VW021504.D
Acq: 20 Dec 2021 17:36

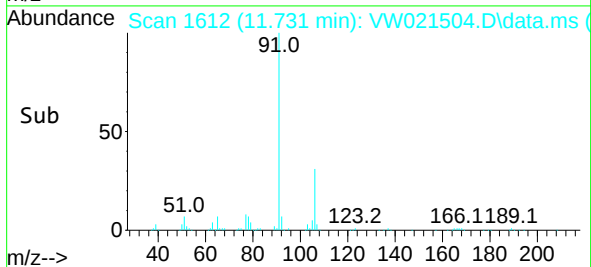
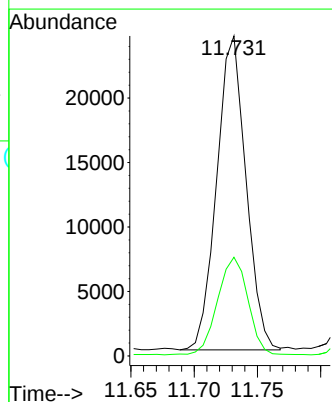
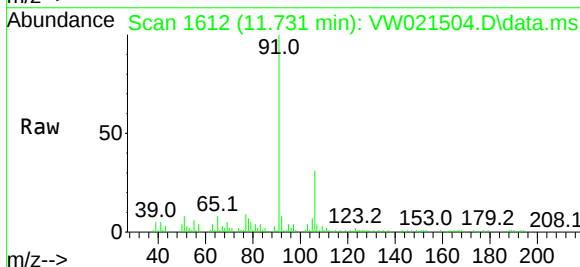
Instrument :
MSVOA_W
ClientSampleId :
BGLB1

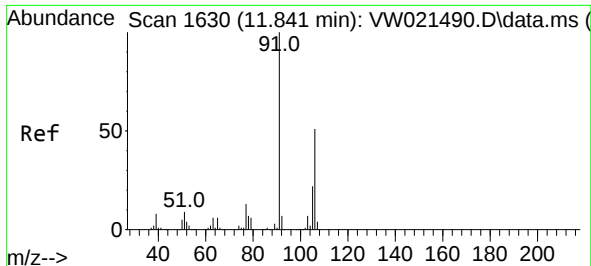
Tgt Ion: 43 Resp: 4950
Ion Ratio Lower Upper
43 100
72 29.7 11.8 35.4



#52
Ethylbenzene
Concen: 2.260 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021504.D
Acq: 20 Dec 2021 17:36

Tgt Ion: 91 Resp: 39152
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9

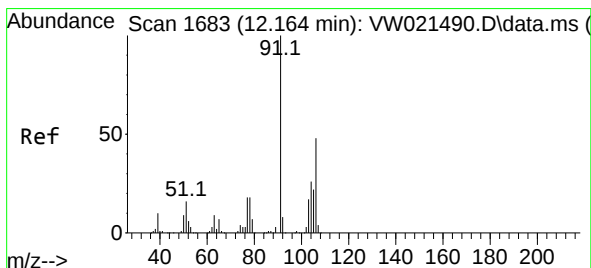
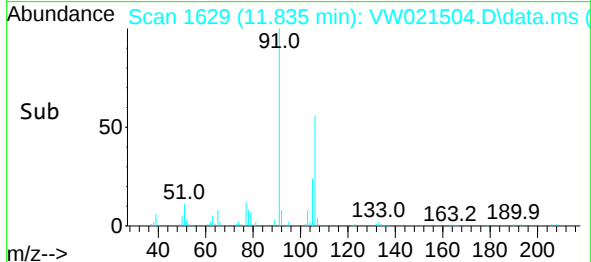
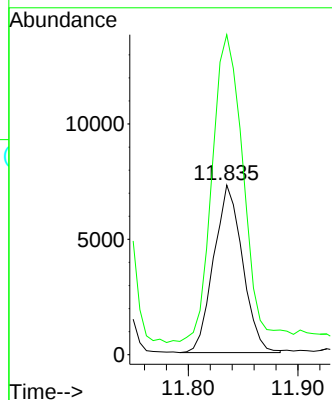
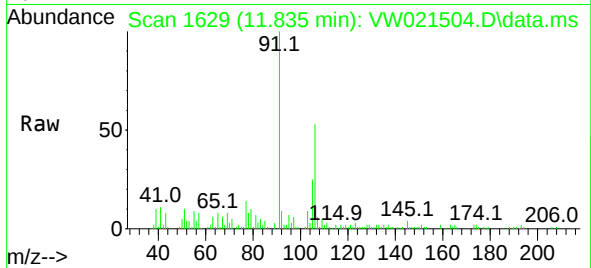




#53
m,p-Xylene
Concen: 1.898 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021504.D
Acq: 20 Dec 2021 17:36

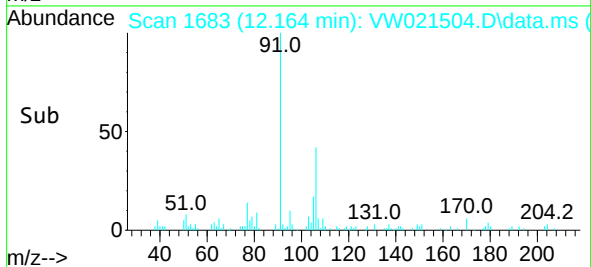
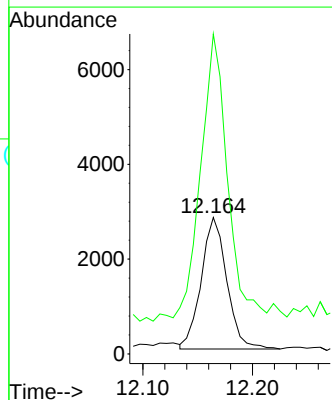
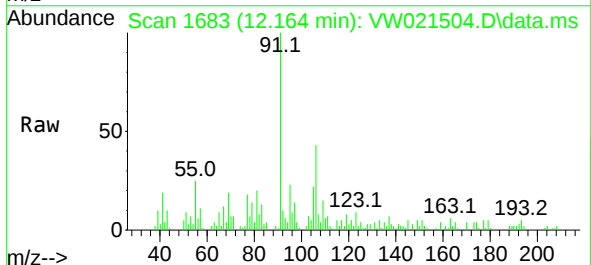
Instrument :
MSVOA_W
ClientSampleId :
BGLB1

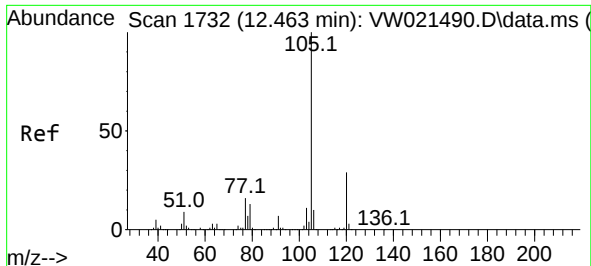
Tgt Ion:106 Resp: 13262
Ion Ratio Lower Upper
106 100
91 188.6 149.9 278.3



#54
o-Xylene
Concen: 0.681 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW021504.D
Acq: 20 Dec 2021 17:36

Tgt Ion:106 Resp: 4517
Ion Ratio Lower Upper
106 100
91 234.4 153.6 285.3

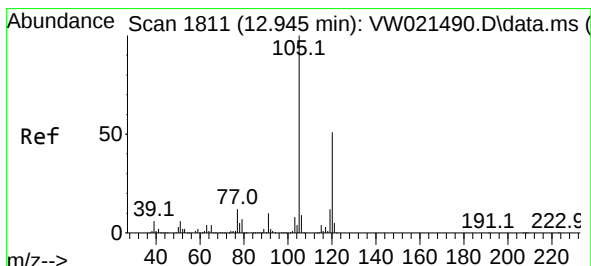
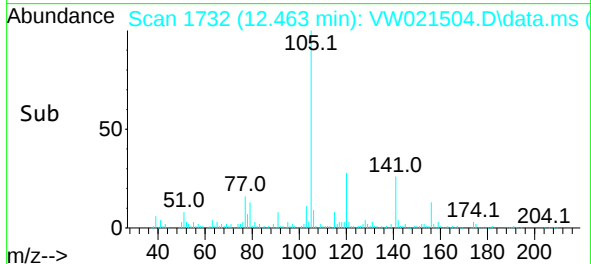
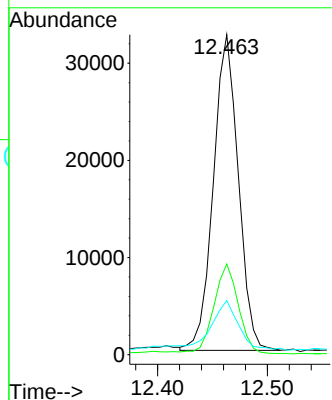
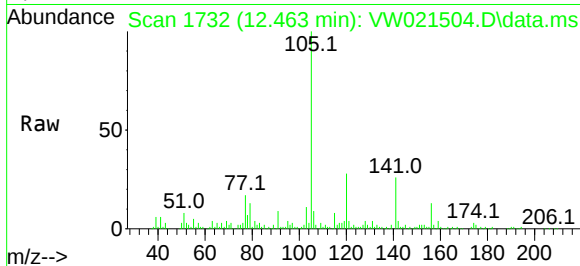




#60
Isopropylbenzene
Concen: 3.066 ug/L
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021504.D
Acq: 20 Dec 2021 17:36

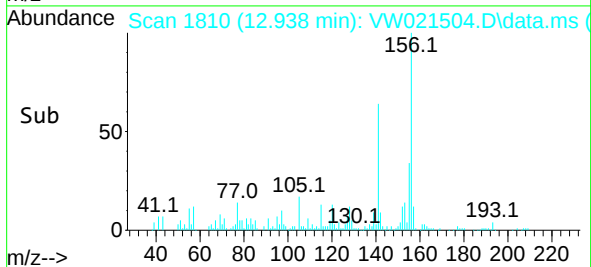
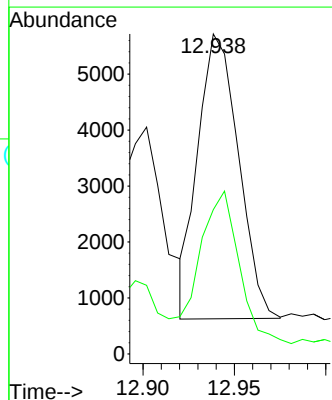
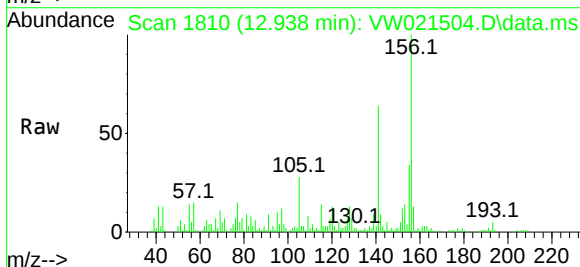
Instrument :
MSVOA_W
ClientSampleId :
BGLB1

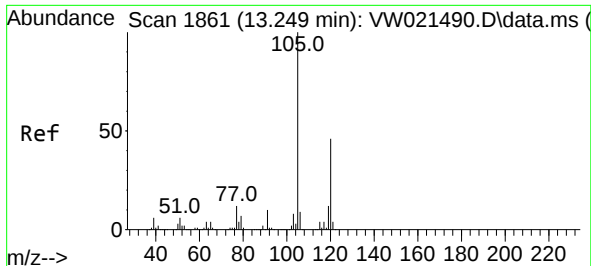
Tgt Ion:105 Resp: 51407
Ion Ratio Lower Upper
105 100
120 28.0 20.1 30.1
77 16.9 13.8 20.8



#62
1,3,5-Trimethylbenzene
Concen: 0.550 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VW021504.D
Acq: 20 Dec 2021 17:36

Tgt Ion:105 Resp: 7850
Ion Ratio Lower Upper
105 100
120 53.0 37.4 56.2

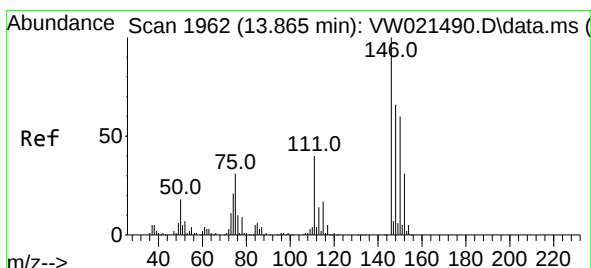
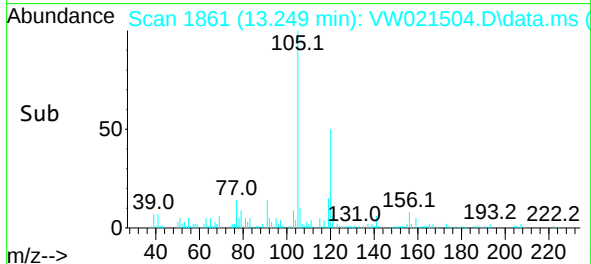
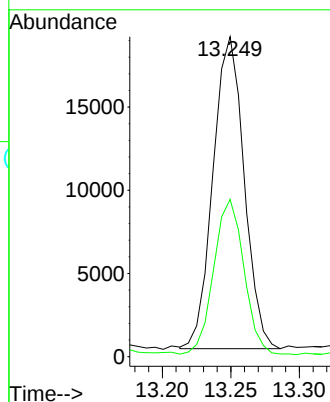
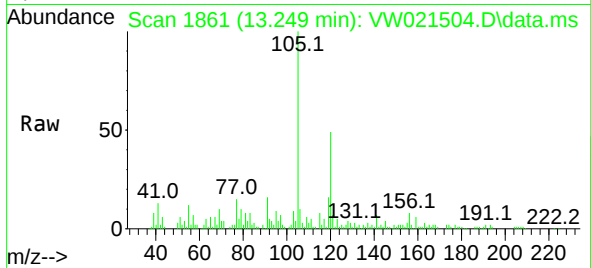




#63
1,2,4-Trimethylbenzene
Concen: 2.106 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021504.D
Acq: 20 Dec 2021 17:36

Instrument :
MSVOA_W
ClientSampleId :
BGLB1

Tgt Ion:105 Resp: 29639
Ion Ratio Lower Upper
105 100
120 48.2 35.0 52.6



#67
1,2-Dichlorobenzene
Concen: 1.309 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW021504.D
Acq: 20 Dec 2021 17:36

Tgt Ion:146 Resp: 9118
Ion Ratio Lower Upper
146 100
111 53.4 33.1 49.7#
148 72.4 47.4 71.2#

