

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021436.D
 Acq On : 17 Dec 2021 17:19
 Operator : SY/VA
 Sample : M5121-11
 Misc : 6.33g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL58

Quant Time: Dec 17 21:18:01 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)

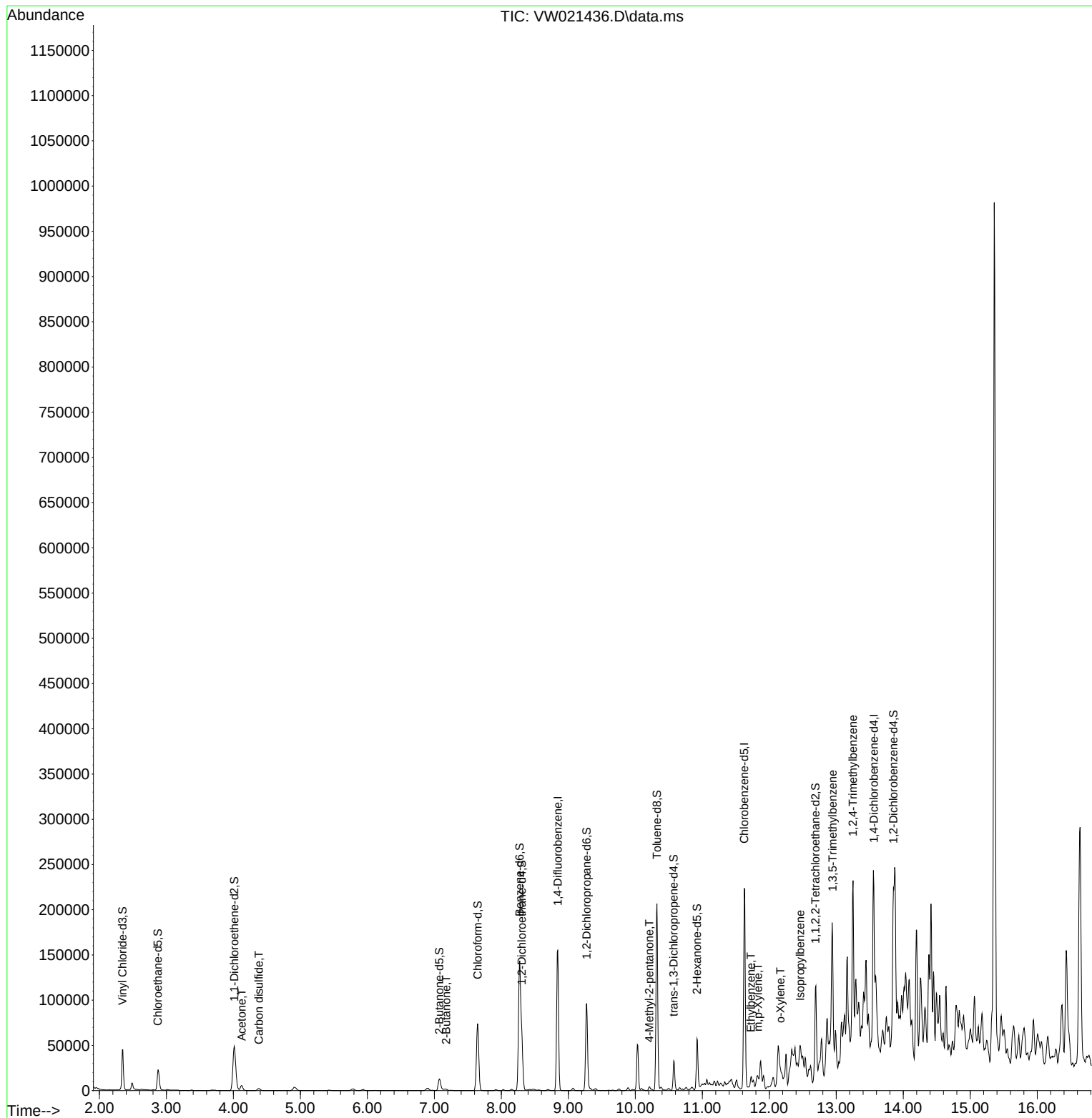
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	136179	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	127052	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	57420	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	44161	17.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.240%
7) Chloroethane-d5	2.873	69	27931	17.035	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.160%
11) 1,1-Dichloroethene-d2	4.013	63	47125	14.252	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.000%
21) 2-Butanone-d5	7.074	46	22052	63.077	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.160%
24) Chloroform-d	7.647	84	74699	19.683	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.720%
26) 1,2-Dichloroethane-d4	8.305	65	46004	22.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.160%
32) Benzene-d6	8.275	84	148183	21.278	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.120%
36) 1,2-Dichloropropane-d6	9.274	67	40959	21.930	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.720%
41) Toluene-d8	10.323	98	134765	18.939	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.760%
43) trans-1,3-Dichloroprop...	10.573	79	17324	20.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.560%
47) 2-Hexanone-d5	10.920	63	18853	68.263	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.520%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	37912	23.613	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	44201	19.863	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.440%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	9616	30.682	ug/L	92
14) Carbon disulfide	4.379	76	5384	1.235	ug/L	96
22) 2-Butanone	7.177	43	2572	6.284	ug/L	92
40) 4-Methyl-2-pentanone	10.207	43	3056	3.633	ug/L	# 98
52) Ethylbenzene	11.725	91	8982	0.971	ug/L	100
53) m,p-Xylene	11.829	106	2632	0.705	ug/L	82
54) o-Xylene	12.164	106	1852	0.523	ug/L	80
60) Isopropylbenzene	12.463	105	15733	2.016	ug/L	100
62) 1,3,5-Trimethylbenzene	12.944	105	45695	6.882	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	106400	16.246	ug/L	95

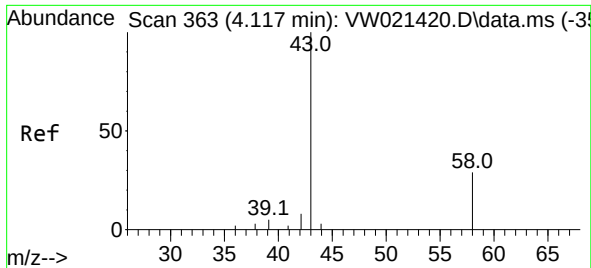
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
Response via : Initial Calibration





#13

Acetone

Concen: 30.682 ug/L

RT: 4.123 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW021436.D

Acq: 17 Dec 2021 17:19

Instrument :

MSVOA_W

ClientSampleId :

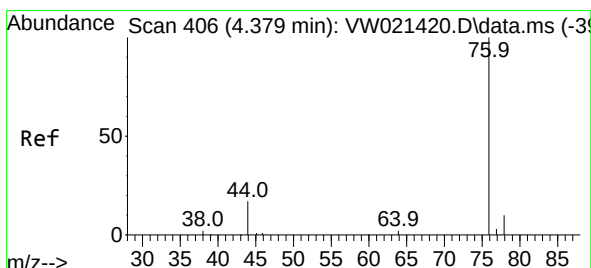
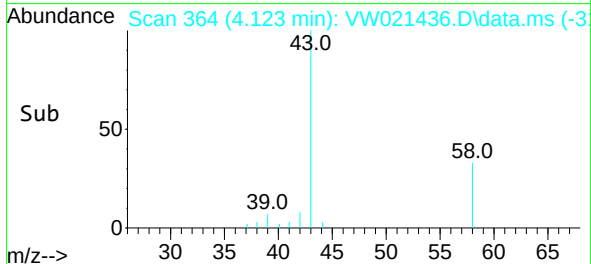
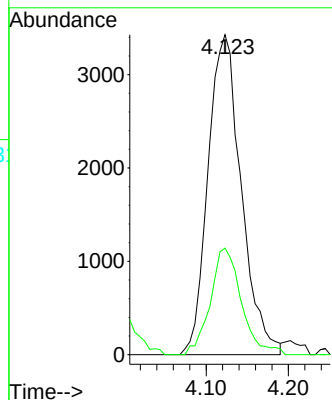
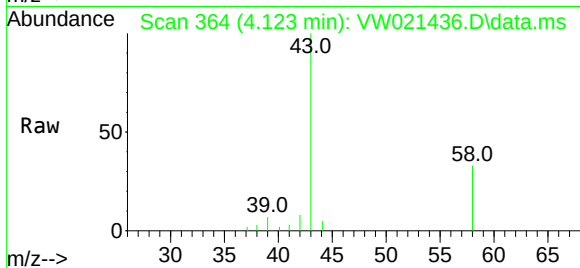
BGL58

Tgt Ion: 43 Resp: 9616

Ion Ratio Lower Upper

43 100

58 30.6 0.0 52.8



#14

Carbon disulfide

Concen: 1.235 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.000 min

Lab File: VW021436.D

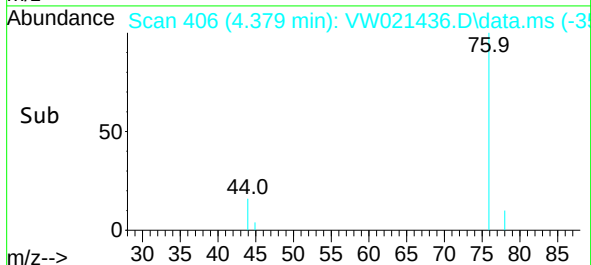
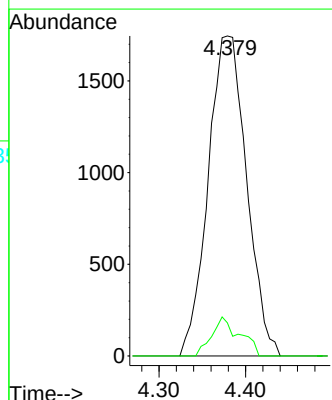
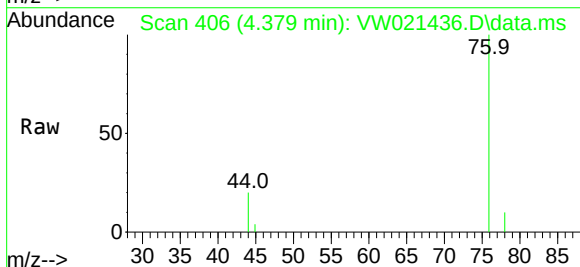
Acq: 17 Dec 2021 17:19

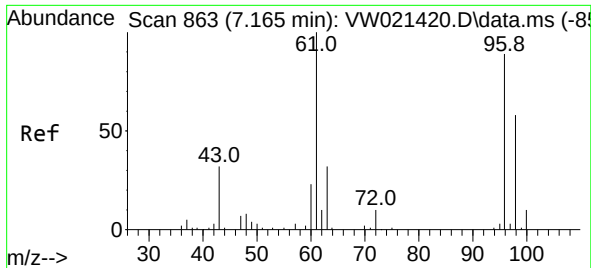
Tgt Ion: 76 Resp: 5384

Ion Ratio Lower Upper

76 100

78 10.4 7.1 10.7

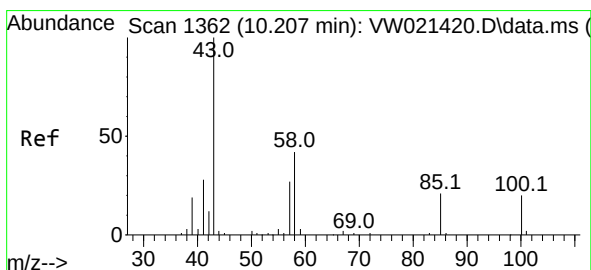
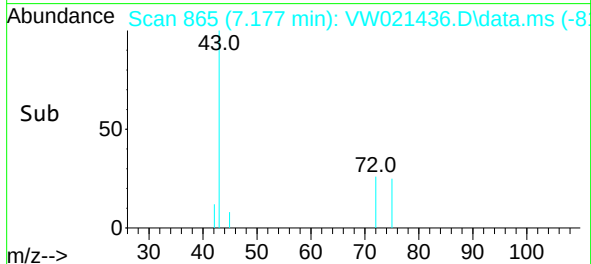
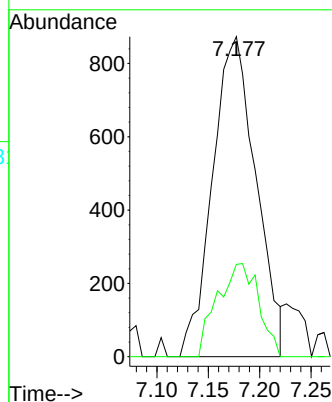
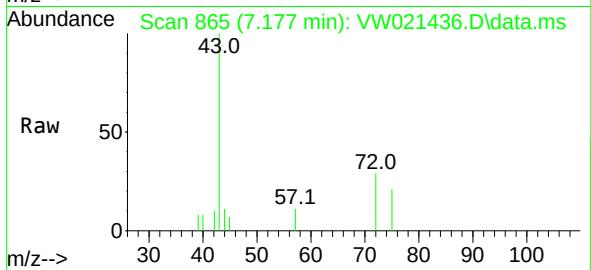




#22
2-Butanone
Concen: 6.284 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW021436.D
Acq: 17 Dec 2021 17:19

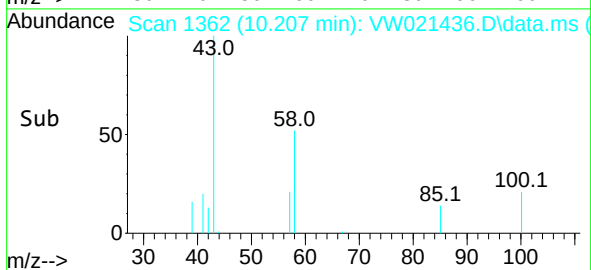
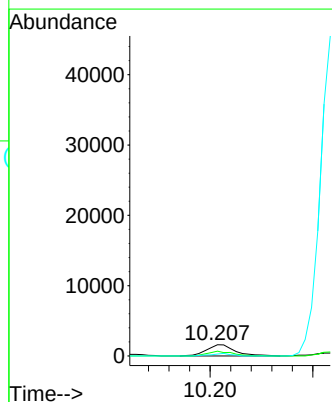
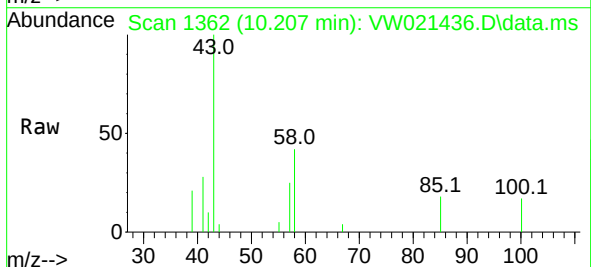
Instrument :
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ClientSampleId :
BGL58

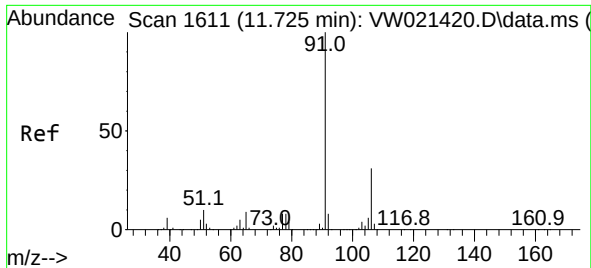
Tgt Ion: 43 Resp: 2572
Ion Ratio Lower Upper
43 100
72 27.5 11.8 35.4



#40
4-Methyl-2-pentanone
Concen: 3.633 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW021436.D
Acq: 17 Dec 2021 17:19

Tgt Ion: 43 Resp: 3056
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2
100 16.0 10.0 15.0#

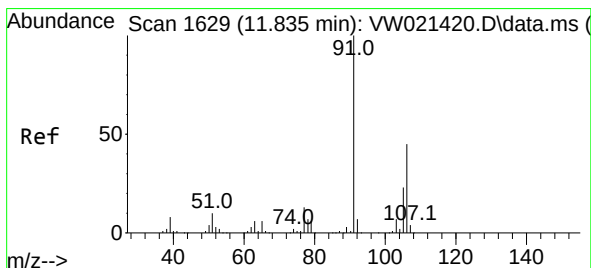
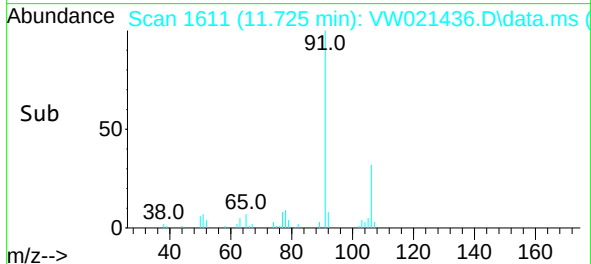
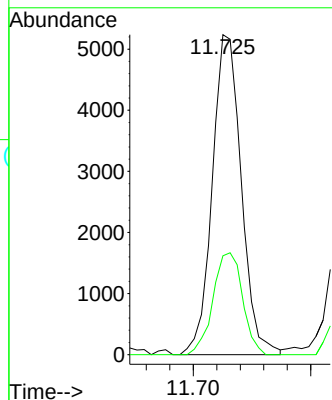
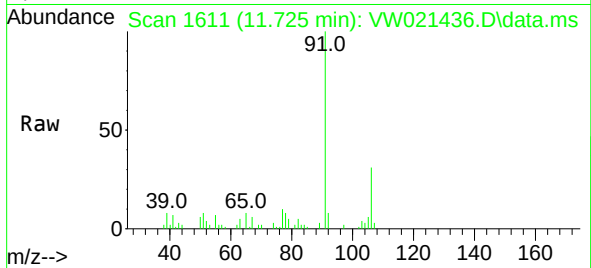




#52
Ethylbenzene
Concen: 0.971 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VW021436.D
Acq: 17 Dec 2021 17:19

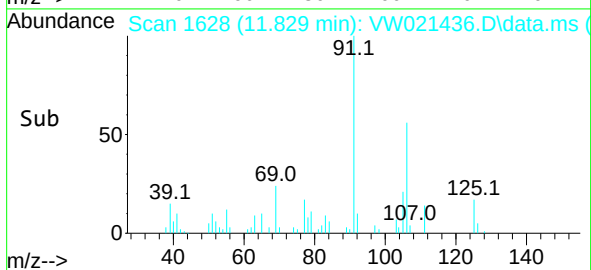
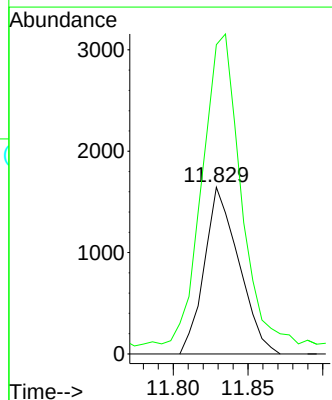
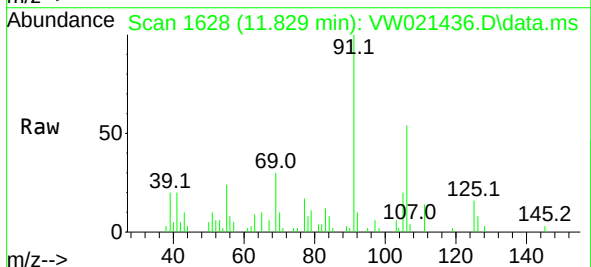
Instrument :
MSVOA_W
ClientSampleId :
BGL58

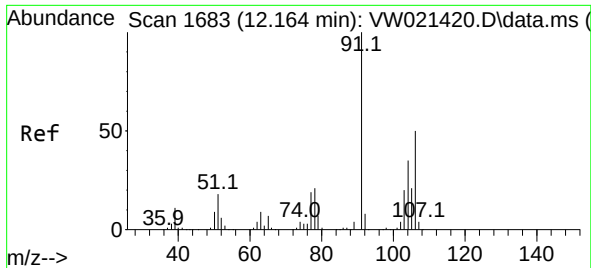
Tgt Ion: 91 Resp: 8982
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9



#53
m,p-Xylene
Concen: 0.705 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW021436.D
Acq: 17 Dec 2021 17:19

Tgt Ion: 106 Resp: 2632
Ion Ratio Lower Upper
106 100
91 185.5 149.9 278.3

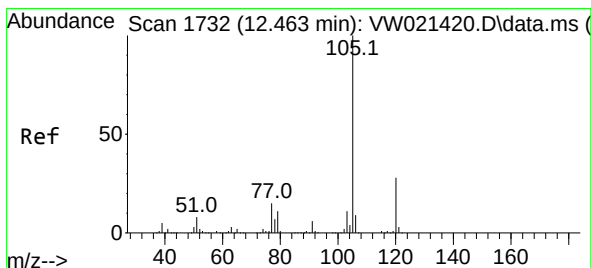
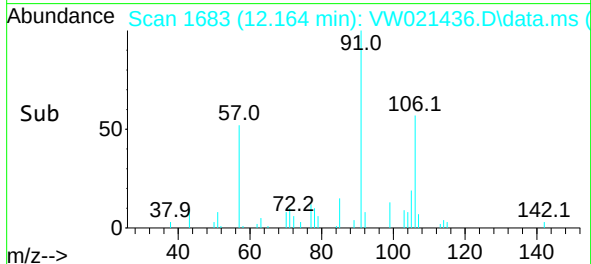
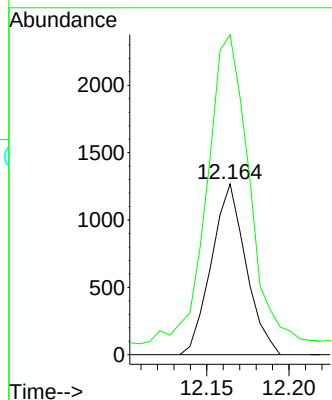
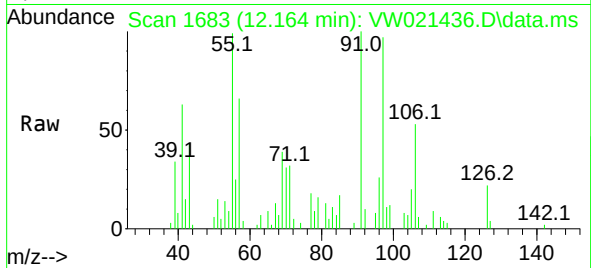




#54
o-Xylene
Concen: 0.523 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021436.D
Acq: 17 Dec 2021 17:19

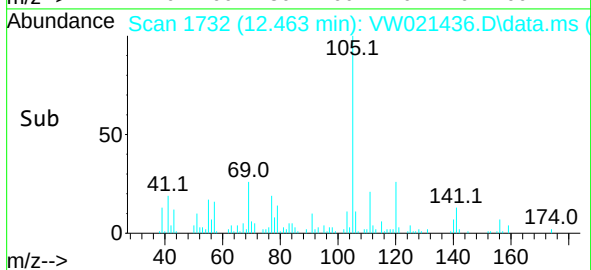
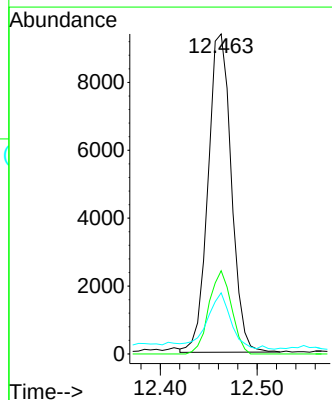
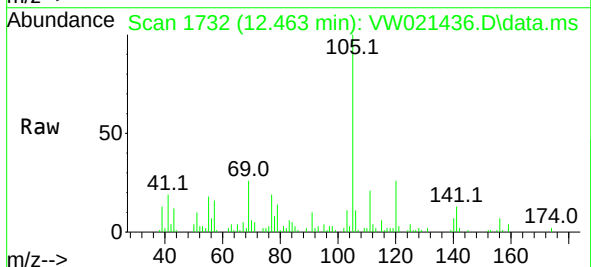
Instrument :
MSVOA_W
ClientSampleId :
BGL58

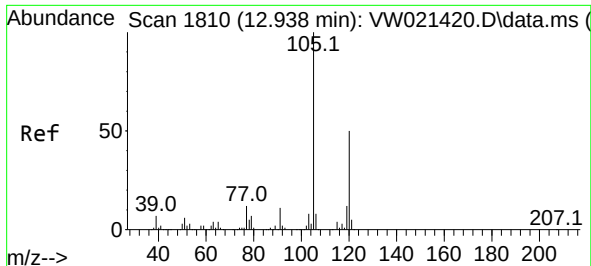
Tgt Ion:106 Resp: 1852
Ion Ratio Lower Upper
106 100
91 187.4 153.6 285.3



#60
Isopropylbenzene
Concen: 2.016 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW021436.D
Acq: 17 Dec 2021 17:19

Tgt Ion:105 Resp: 15733
Ion Ratio Lower Upper
105 100
120 25.2 20.1 30.1
77 17.5 13.8 20.8





#62

1,3,5-Trimethylbenzene

Concen: 6.882 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021436.D

Acq: 17 Dec 2021 17:19

Instrument :

MSVOA_W

ClientSampleId :

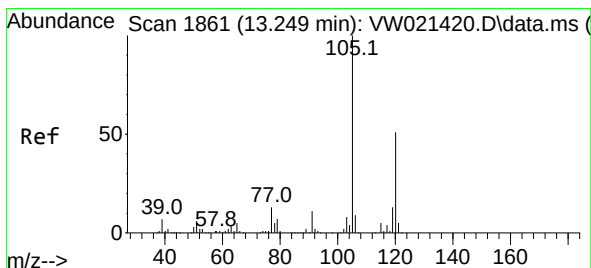
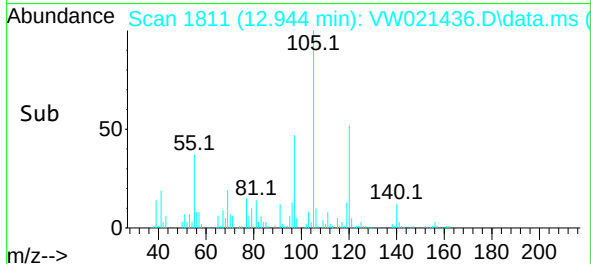
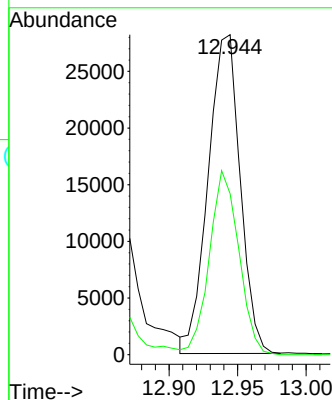
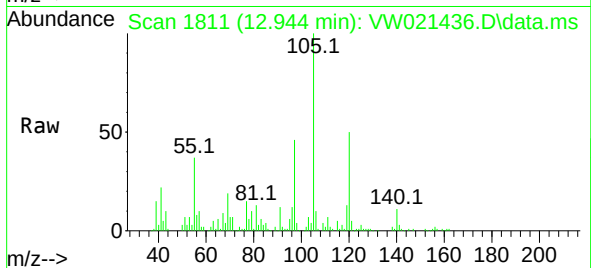
BGL58

Tgt Ion:105 Resp: 45695

Ion Ratio Lower Upper

105 100

120 53.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 16.246 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021436.D

Acq: 17 Dec 2021 17:19

Tgt Ion:105 Resp: 106400

Ion Ratio Lower Upper

105 100

120 46.7 35.0 52.6

