

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021431.D
 Acq On : 17 Dec 2021 15:17
 Operator : SY/VA
 Sample : M5121-05
 Misc : 6.44g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL55

Quant Time: Dec 17 21:16:56 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)

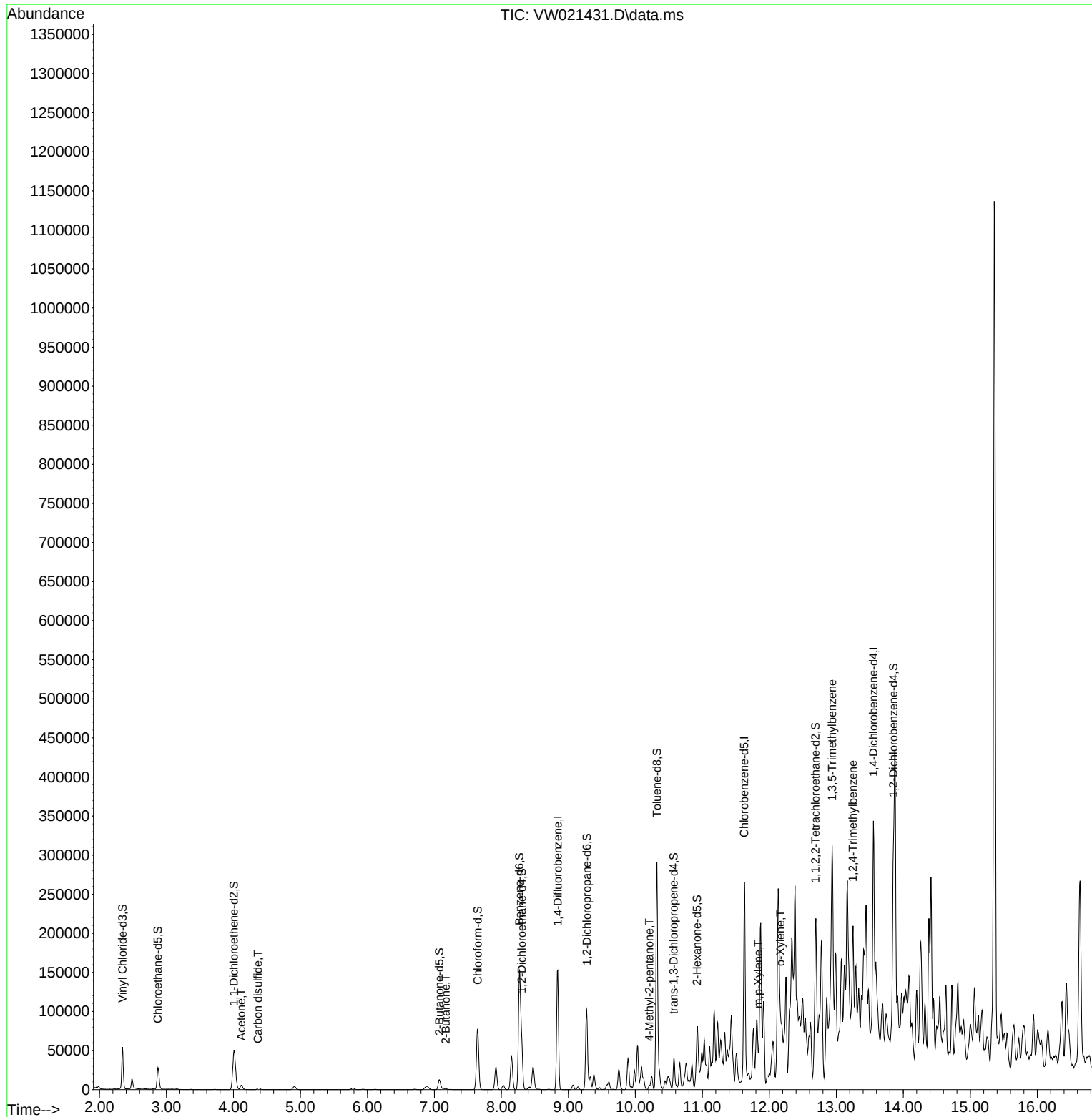
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	134646	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	137887	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	78667	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.342	65	50861	20.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.960%
7) Chloroethane-d5	2.873	69	33273	20.525	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.080%
11) 1,1-Dichloroethene-d2	4.007	63	46745	14.298	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.200%
21) 2-Butanone-d5	7.073	46	20880	60.404	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.800%
24) Chloroform-d	7.646	84	78037	20.797	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	8.305	65	45634	22.863	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.440%
32) Benzene-d6	8.268	84	158842	21.016	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.080%
36) 1,2-Dichloropropane-d6	9.274	67	44476	21.942	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.760%
41) Toluene-d8	10.323	98	157203	20.357	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.440%
43) trans-1,3-Dichloroprop...	10.573	79	19027	20.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.560%
47) 2-Hexanone-d5	10.920	63	18327	61.144	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.280%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	43311	24.856	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.440%
66) 1,2-Dichlorobenzene-d4	13.853	152	62973	20.655	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.640%
Target Compounds						Qvalue
13) Acetone	4.117	43	9610	31.012	ug/L	93
14) Carbon disulfide	4.366	76	4845	1.124	ug/L	98
22) 2-Butanone	7.171	43	2014	4.977	ug/L	83
40) 4-Methyl-2-pentanone	10.207	43	2511	2.750	ug/L #	81
53) m,p-Xylene	11.835	106	5780	1.427	ug/L	85
54) o-Xylene	12.164	106	2609	0.679	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	20860	2.293	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	75741	8.441	ug/L	94

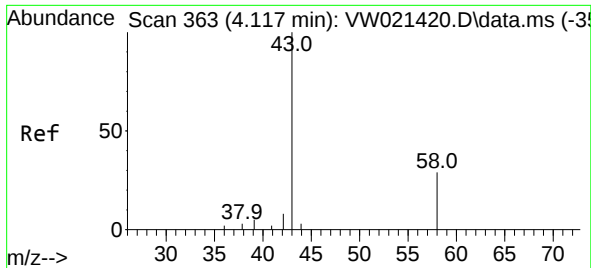
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 31.012 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.013 min

Lab File: VW021431.D

Acq: 17 Dec 2021 15:17

Instrument :

MSVOA_W

ClientSampleId :

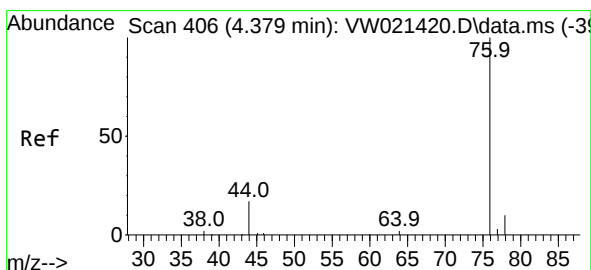
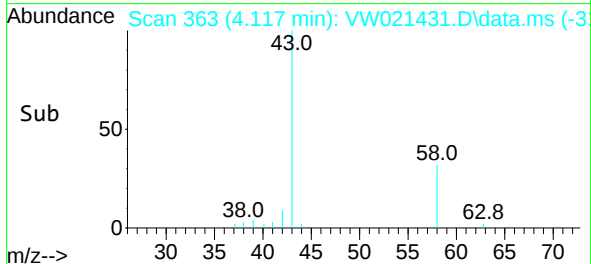
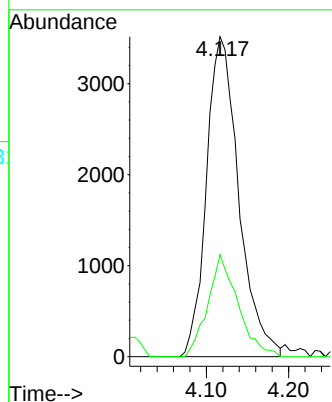
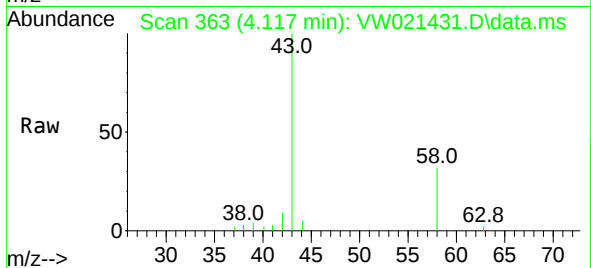
BGL55

Tgt Ion: 43 Resp: 9610

Ion Ratio Lower Upper

43 100

58 29.8 0.0 52.8



#14

Carbon disulfide

Concen: 1.124 ug/L

RT: 4.366 min Scan# 404

Delta R.T. -0.013 min

Lab File: VW021431.D

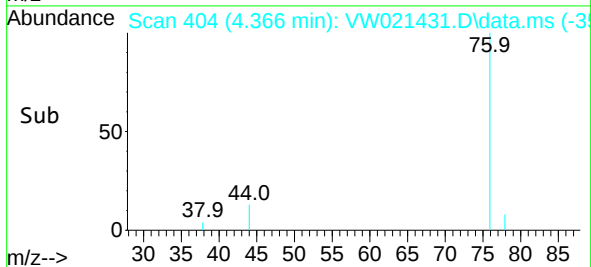
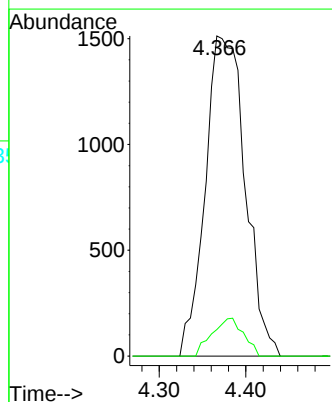
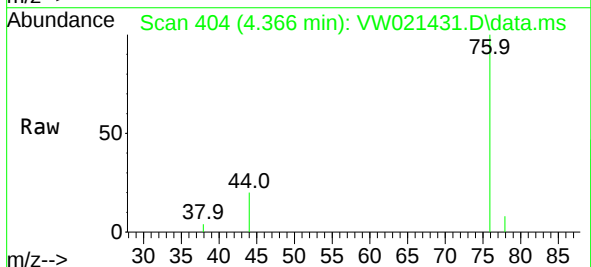
Acq: 17 Dec 2021 15:17

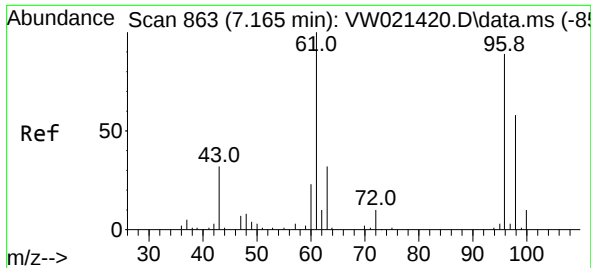
Tgt Ion: 76 Resp: 4845

Ion Ratio Lower Upper

76 100

78 8.3 7.1 10.7

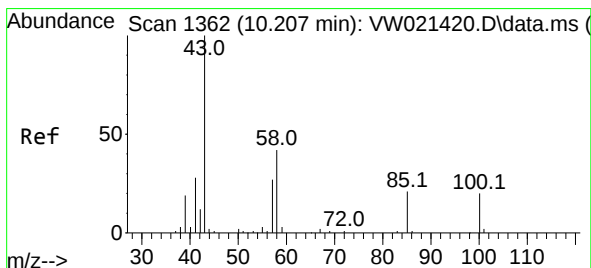
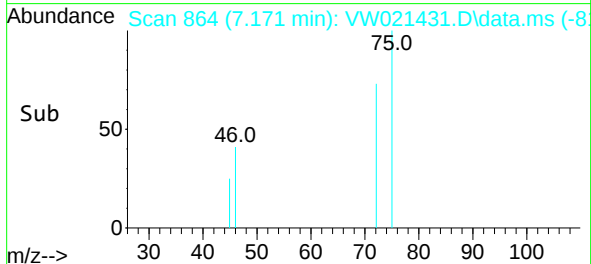
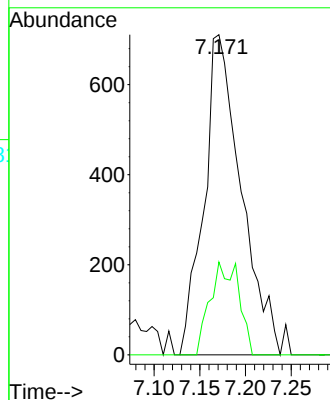
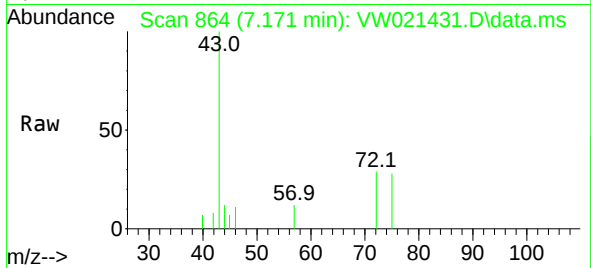




#22
2-Butanone
Concen: 4.977 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW021431.D
Acq: 17 Dec 2021 15:17

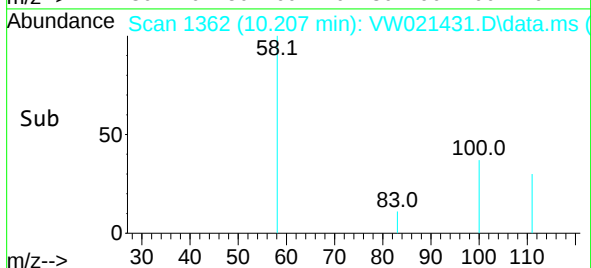
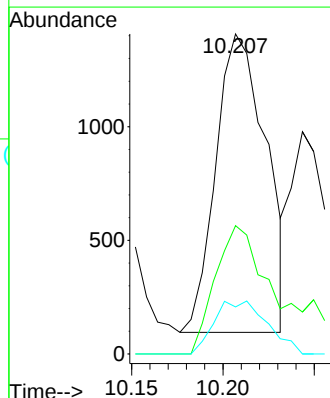
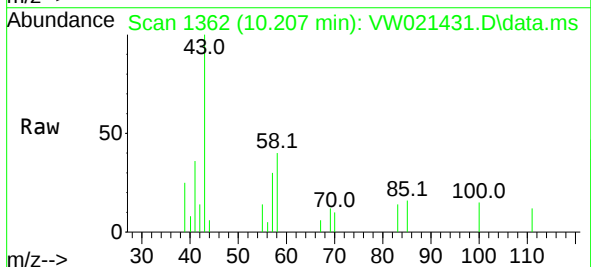
Instrument :
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BGL55

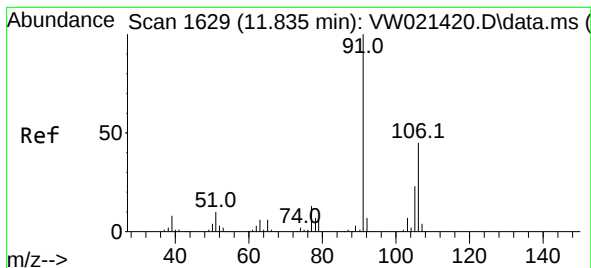
Tgt Ion: 43 Resp: 2014
Ion Ratio Lower Upper
43 100
72 15.5 11.8 35.4



#40
4-Methyl-2-pentanone
Concen: 2.750 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW021431.D
Acq: 17 Dec 2021 15:17

Tgt Ion: 43 Resp: 2511
Ion Ratio Lower Upper
43 100
58 47.8 28.8 43.2#
100 18.8 10.0 15.0#





#53

m,p-Xylene

Concen: 1.427 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW021431.D

Acq: 17 Dec 2021 15:17

Instrument :

MSVOA_W

ClientSampleId :

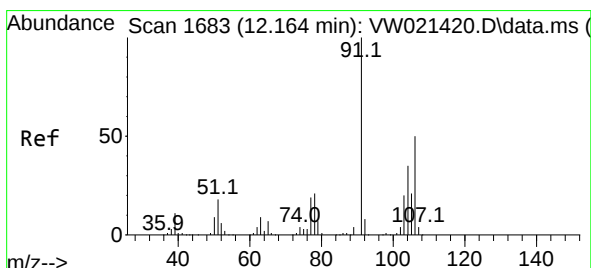
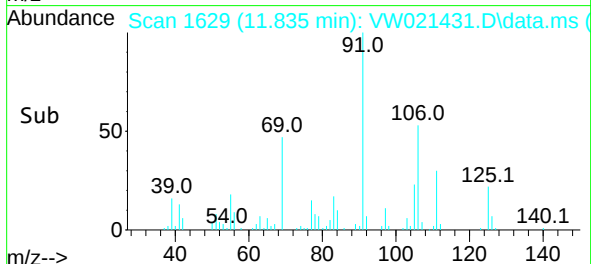
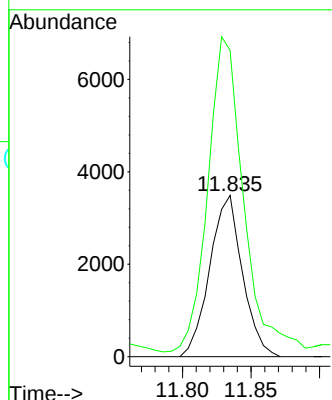
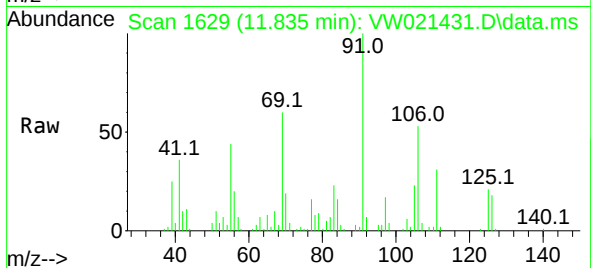
BGL55

Tgt Ion:106 Resp: 5780

Ion Ratio Lower Upper

106 100

91 189.9 149.9 278.3



#54

o-Xylene

Concen: 0.679 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. -0.000 min

Lab File: VW021431.D

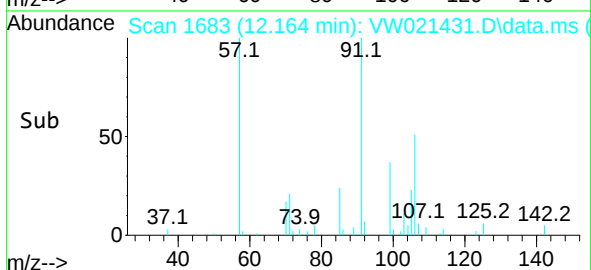
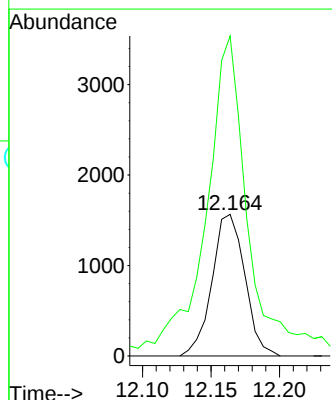
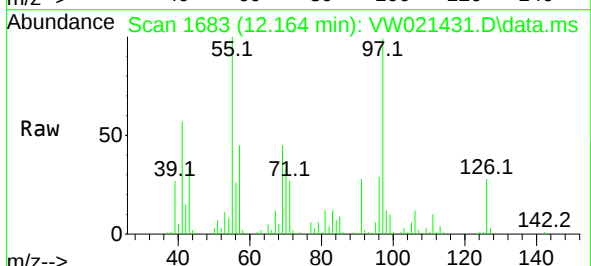
Acq: 17 Dec 2021 15:17

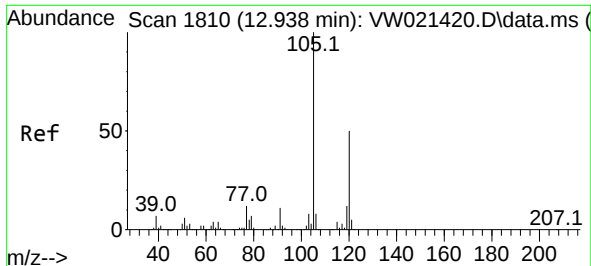
Tgt Ion:106 Resp: 2609

Ion Ratio Lower Upper

106 100

91 226.1 153.6 285.3





#62

1,3,5-Trimethylbenzene

Concen: 2.293 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021431.D

Acq: 17 Dec 2021 15:17

Instrument :

MSVOA_W

ClientSampleId :

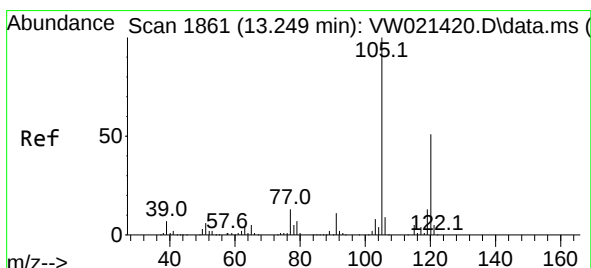
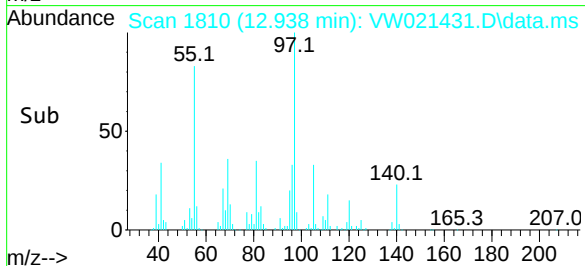
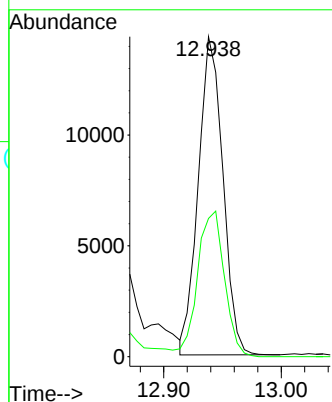
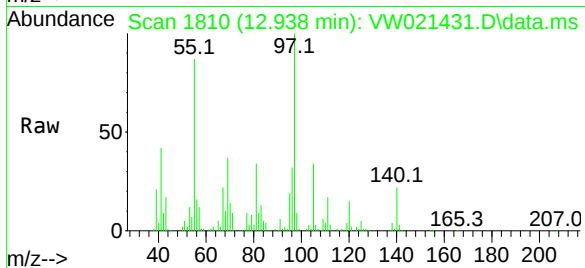
BGL55

Tgt Ion:105 Resp: 20860

Ion Ratio Lower Upper

105 100

120 50.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 8.441 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021431.D

Acq: 17 Dec 2021 15:17

Tgt Ion:105 Resp: 75741

Ion Ratio Lower Upper

105 100

120 47.8 35.0 52.6

