

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012820\
 Data File : VW014785.D
 Acq On : 28 Jan 2020 14:02
 Operator : SY/VA
 Sample : L1271-12
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT03

Quant Time: Jan 28 16:19:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 16:16:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1010139	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	881084	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	385803	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	396366	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.08%
7) Chloroethane-d5	2.89	69	314454	23.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.52%
10) 1,1-Dichloroethene-d2	4.01	63	495053	17.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.40%
20) 2-Butanone-d5	7.07	46	143331	31.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.10%
24) Chloroform-d	7.64	84	613664	22.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.04%
26) 1,2-Dichloroethane-d4	8.30	65	317934	21.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.68%
29) Benzene-d6	8.27	84	1282861	23.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.52%
33) 1,2-Dichloropropane-d6	9.27	67	397309	23.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.20%
37) Toluene-d8	10.32	98	1131511	22.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.64%
38) trans-1,3-Dichloropropene-	10.57	79	142517	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.00%
39) 2-Hexanone-d5	10.92	63	106119	32.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	244014	18.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	72.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	338584	22.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.56%

Target Compounds

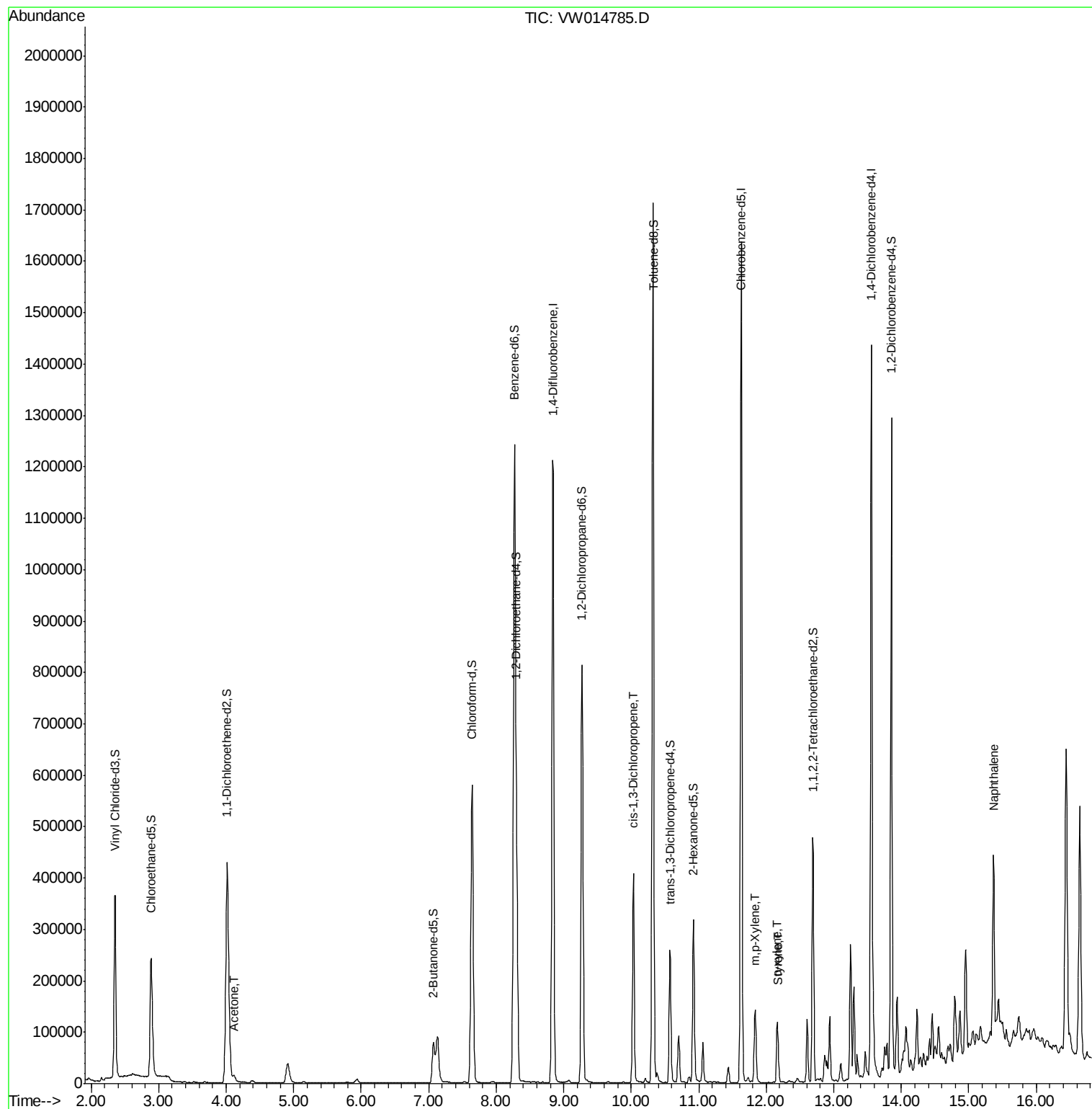
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	4.12	43	19596	4.03	ug/L	95
42) cis-1,3-Dichloropropene	10.04	75	9062	0.43	ug/L	# 47
54) m,p-Xylene	11.84	106	43548	1.86	ug/L	98
55) o-xylene	12.16	106	29193	1.33	ug/L	91
56) Styrene	12.18	104	12506	0.34	ug/L	83
69) Naphthalene	15.36	128	311638	12.59	ug/L	99

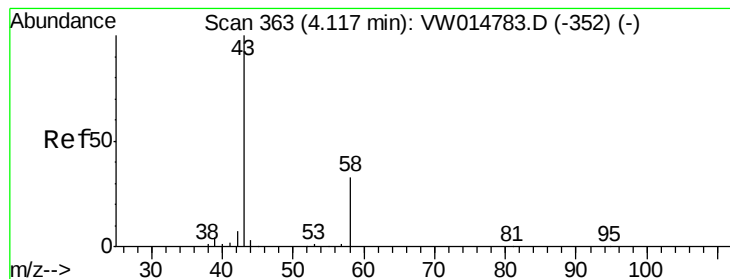
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Jan 28 16:16:16 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.03 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW014785.D

Acq: 28 Jan 2020 14:02

Instrument :

MSVOA_W

ClientSampled :

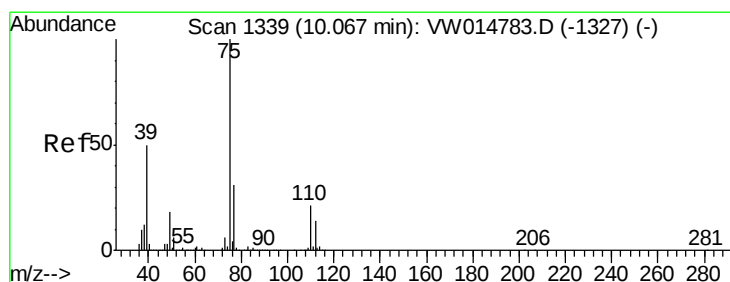
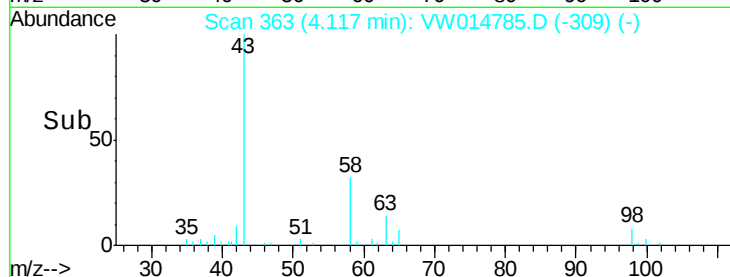
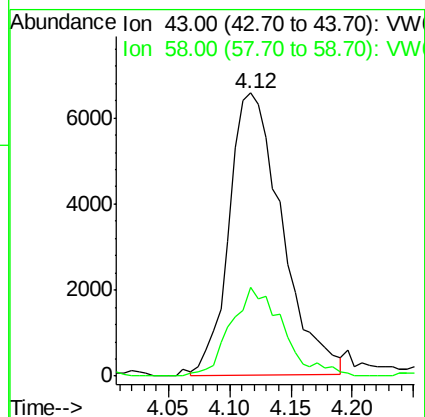
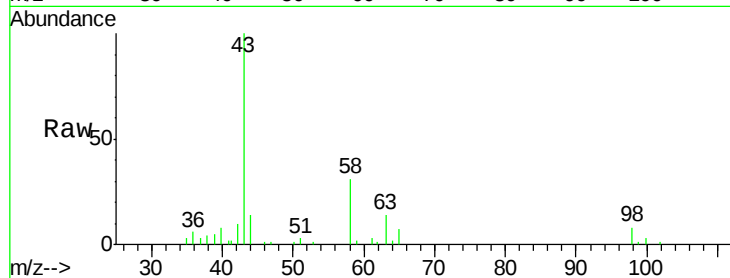
GAT03

Tgt Ion: 43 Resp: 19596

Ion Ratio Lower Upper

43 100

58 29.6 0.0 64.6



#42

cis-1,3-Dichloropropene

Concen: 0.43 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW014785.D

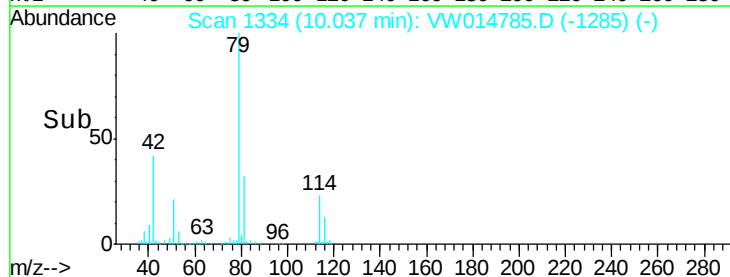
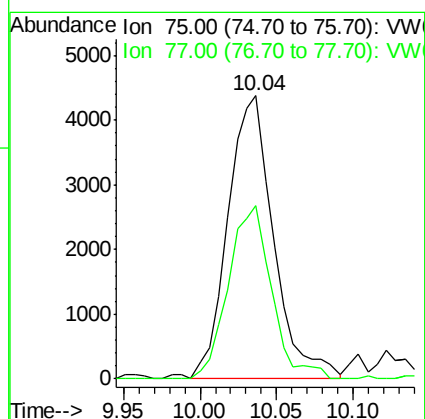
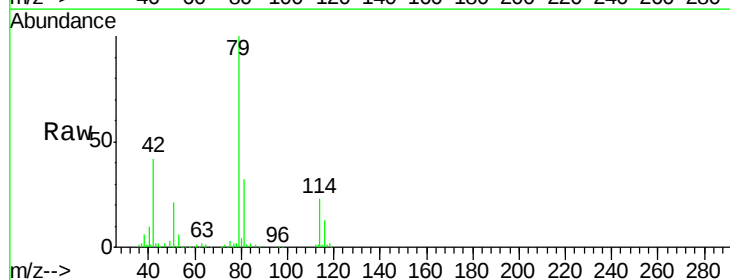
Acq: 28 Jan 2020 14:02

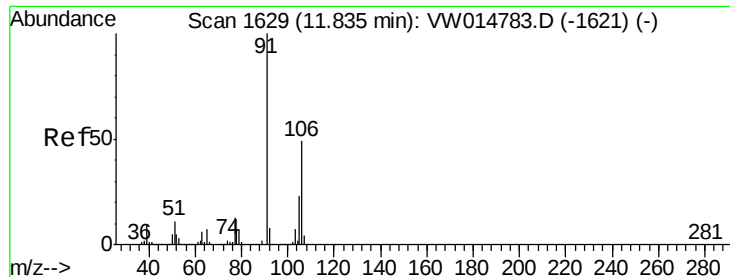
Tgt Ion: 75 Resp: 9062

Ion Ratio Lower Upper

75 100

77 61.2 22.3 41.3#





#54

m,p-Xylene

Concen: 1.86 ug/L

RT: 11.84 min Scan# 1629

Delta R.T. 0.00 min

Lab File: VW014785.D

Acq: 28 Jan 2020 14:02

Instrument :

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ClientSampleId :

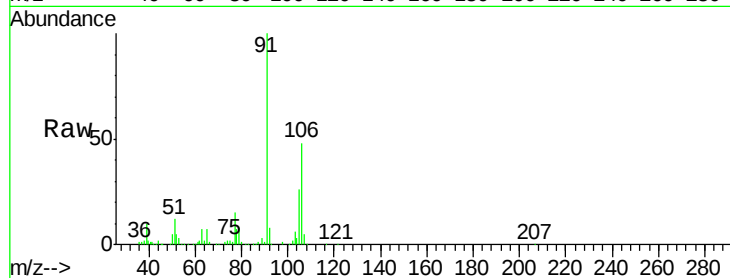
GAT03

Tgt Ion:106 Resp: 43548

Ion Ratio Lower Upper

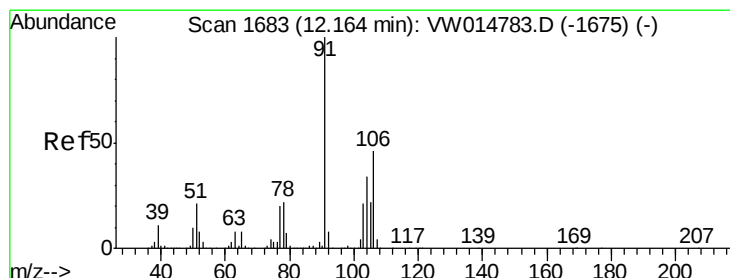
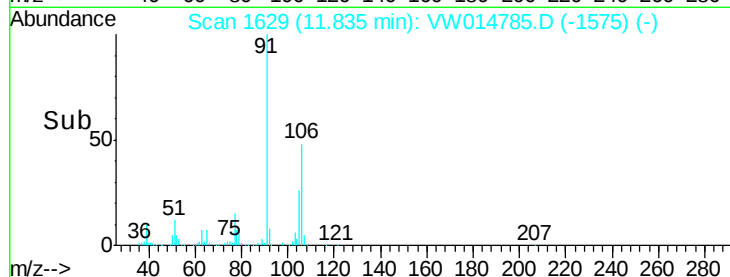
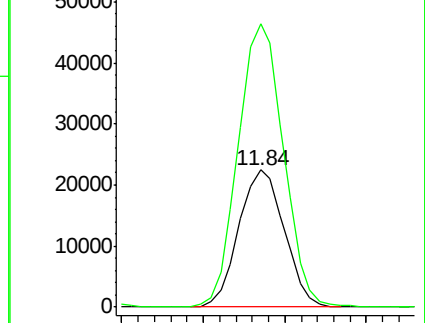
106 100

91 206.3 146.2 271.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#55

o-xylene

Concen: 1.33 ug/L

RT: 12.16 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW014785.D

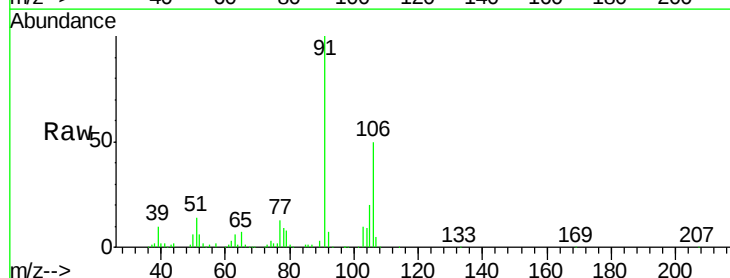
Acq: 28 Jan 2020 14:02

Tgt Ion:106 Resp: 29193

Ion Ratio Lower Upper

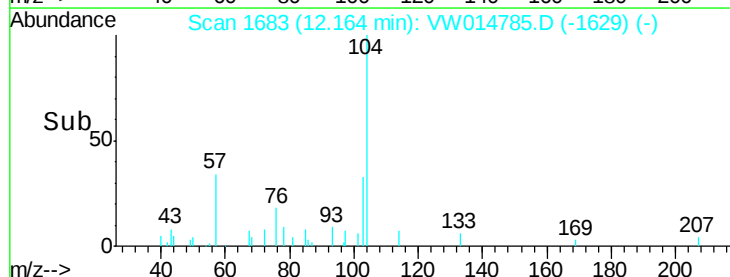
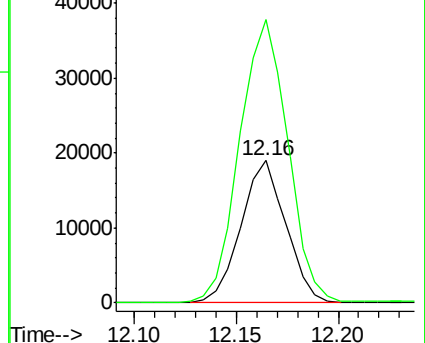
106 100

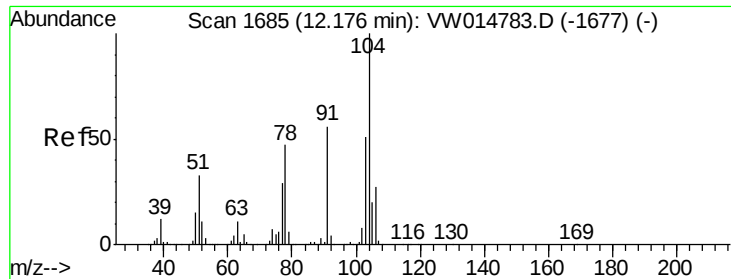
91 198.7 148.7 276.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





#56

Styrene

Concen: 0.34 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VW014785.D

Acq: 28 Jan 2020 14:02

Instrument :

MSVOA_W

ClientSampleId :

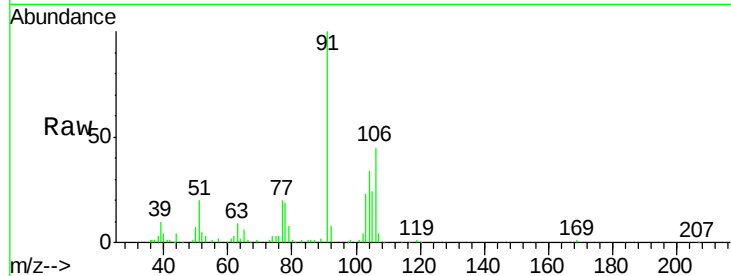
GAT03

Tgt Ion:104 Resp: 12506

Ion Ratio Lower Upper

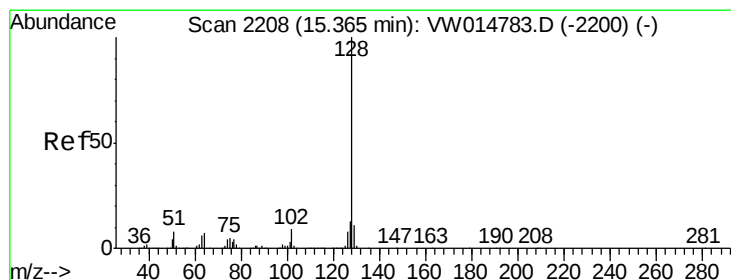
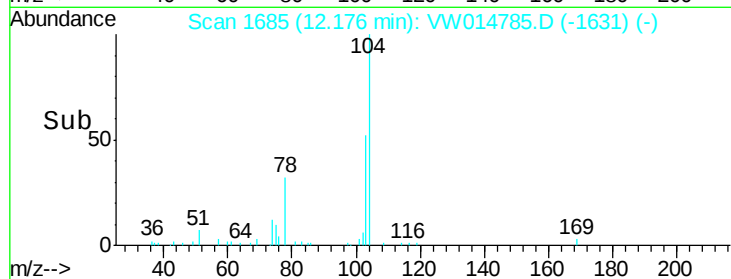
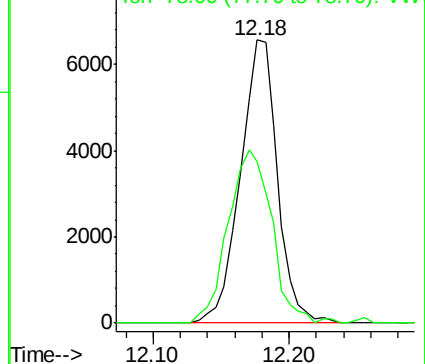
104 100

78 57.0 32.0 59.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW



#69

Naphthalene

Concen: 12.59 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014785.D

Acq: 28 Jan 2020 14:02

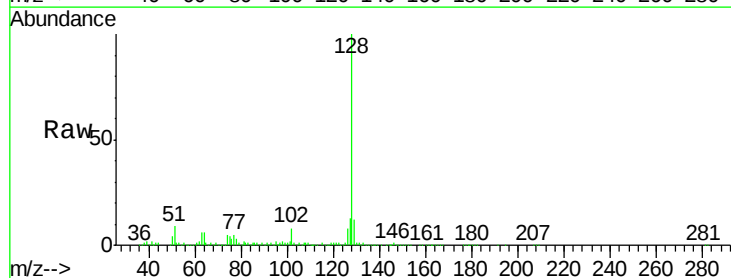
Tgt Ion:128 Resp: 311638

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 13.2 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

