

Data File : VW014843.D
Acq On : 03 Feb 2020 19:08
Operator : SY/VA
Sample : L1323-02
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT42

Quant Time: Feb 04 06:57:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Tue Feb 04 06:54:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1269915	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1134120	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	463891	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	365408	18.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.48%
7) Chloroethane-d5	2.89	69	353917	18.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.44%
10) 1,1-Dichloroethene-d2	4.01	63	591249	13.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.96%
20) 2-Butanone-d5	7.07	46	259163	34.67	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.34%
24) Chloroform-d	7.65	84	850338	21.03	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.12%
26) 1,2-Dichloroethane-d4	8.31	65	467207	20.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.24%
29) Benzene-d6	8.27	84	1755013	21.95	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.80%
33) 1,2-Dichloropropane-d6	9.27	67	583839	22.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.12%
37) Toluene-d8	10.32	98	1515996	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.88%
38) trans-1,3-Dichloropropene-	10.57	79	202545	19.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.12%
39) 2-Hexanone-d5	10.92	63	196477	38.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	406921	19.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	454695	23.40	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.60%

Target Compounds

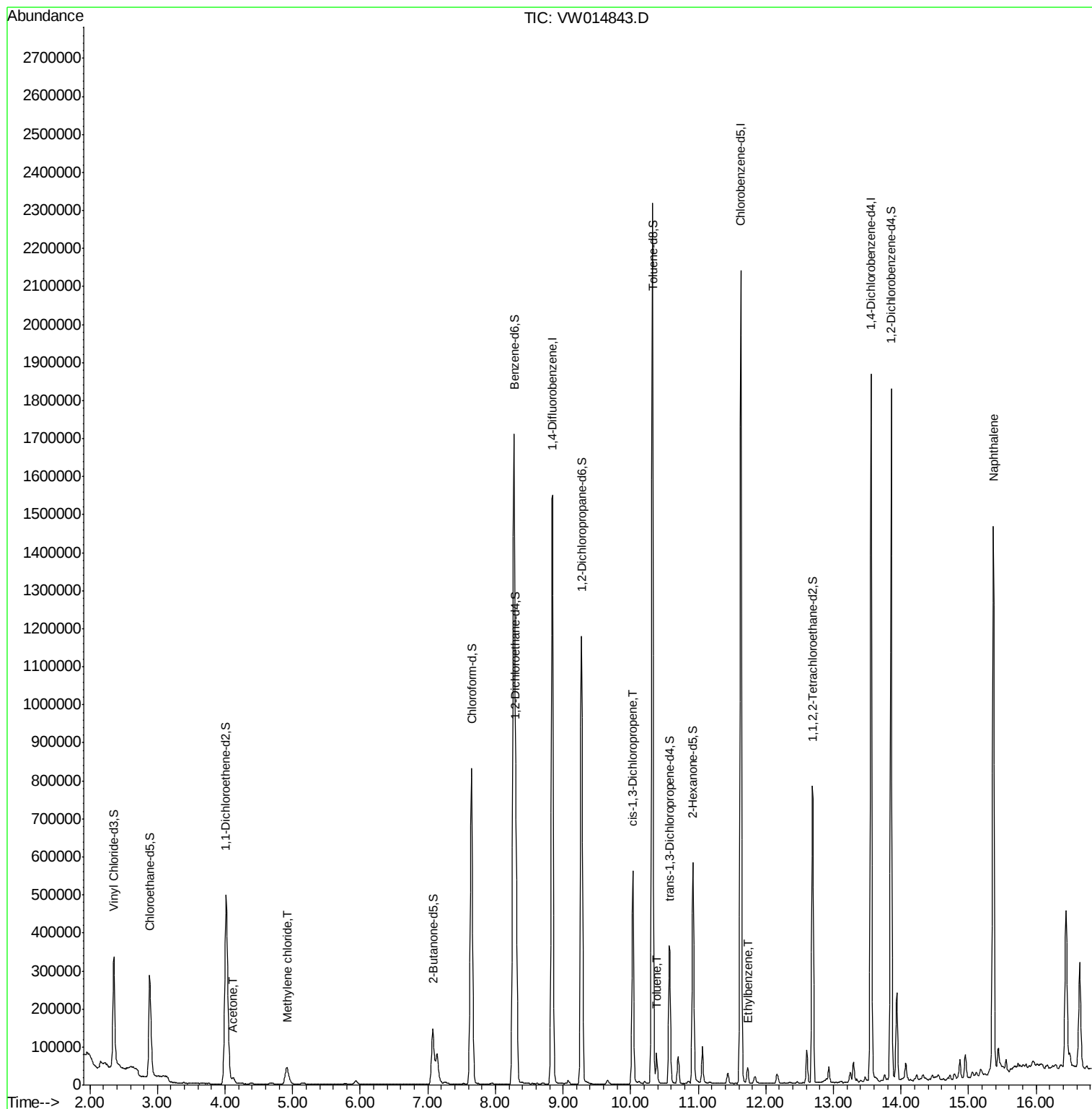
					Qvalue
13) Acetone	4.12	43	26314	3.255 ug/L	97
16) Methylene chloride	4.92	84	36940	1.575 ug/L	100
42) cis-1,3-Dichloropropene	10.04	75	13099	0.439 ug/L #	58
44) Toluene	10.38	91	54538	0.686 ug/L	97
53) Ethylbenzene	11.73	91	28617	0.332 ug/L	94
69) Naphthalene	15.36	128	1165578	33.355 ug/L	99

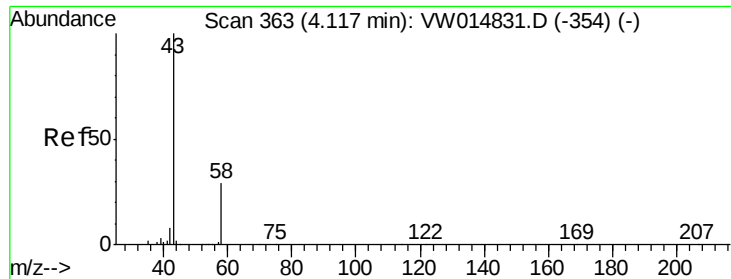
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.255 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Acq: 03 Feb 2020 19:08

Instrument :

MSVOA_W

ClientSampleId :

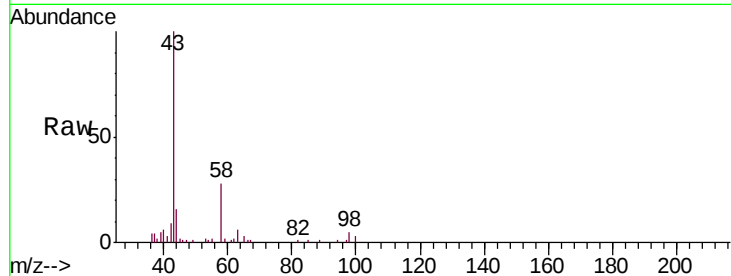
GAT42

Tgt Ion: 43 Resp: 26314

Ion Ratio Lower Upper

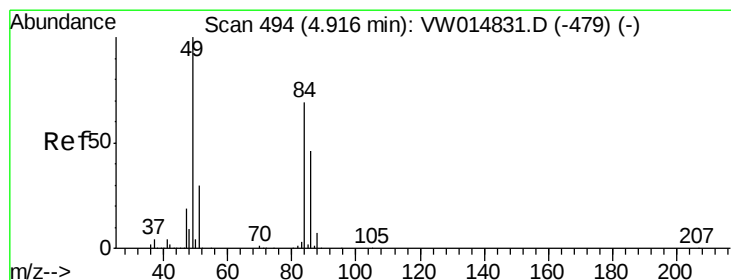
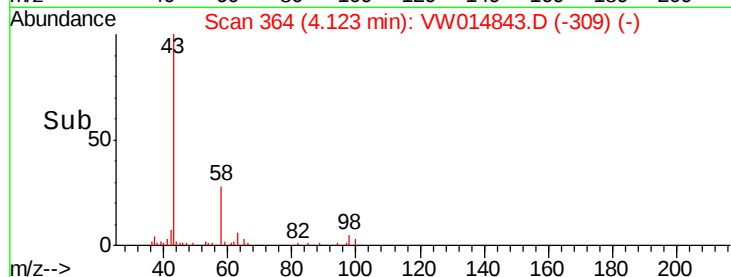
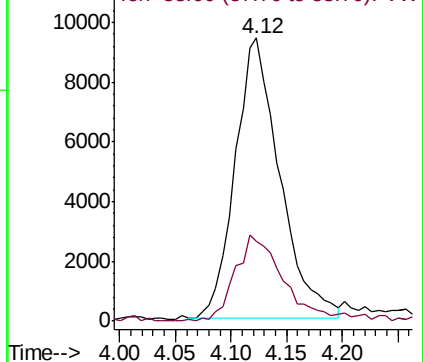
43 100

58 32.0 0.0 60.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.575 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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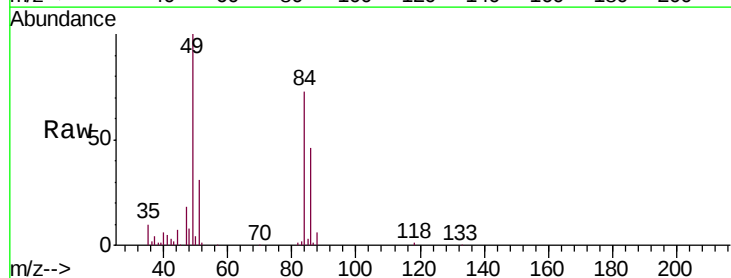
Tgt Ion: 84 Resp: 36940

Ion Ratio Lower Upper

84 100

49 137.6 96.6 179.4

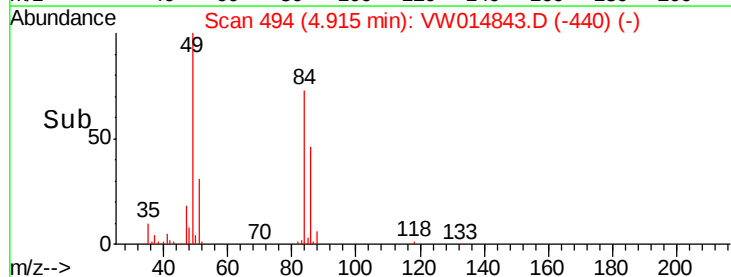
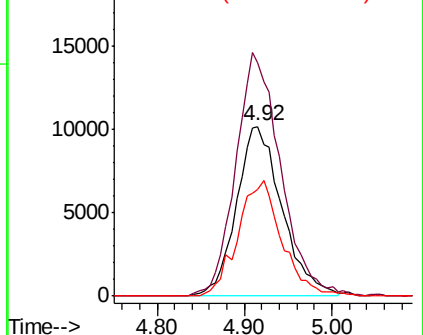
86 63.0 43.8 81.4

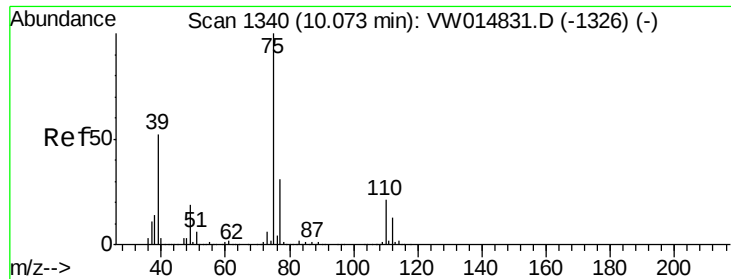


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW

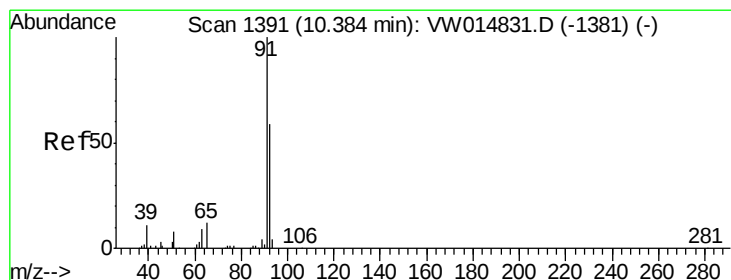
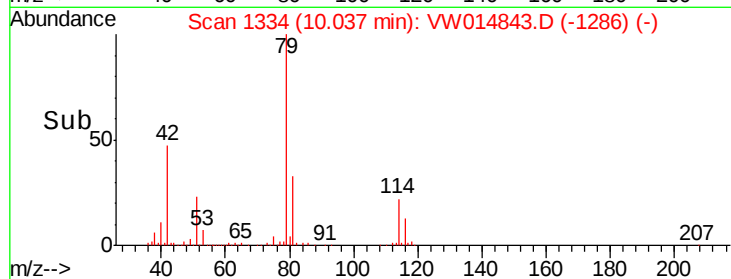
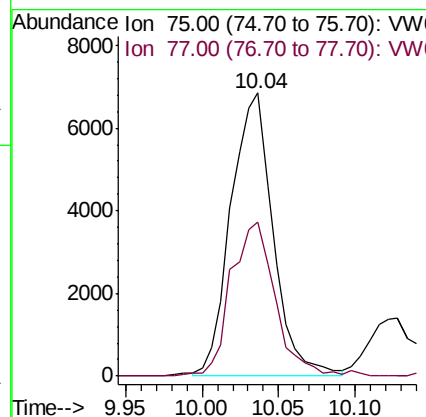
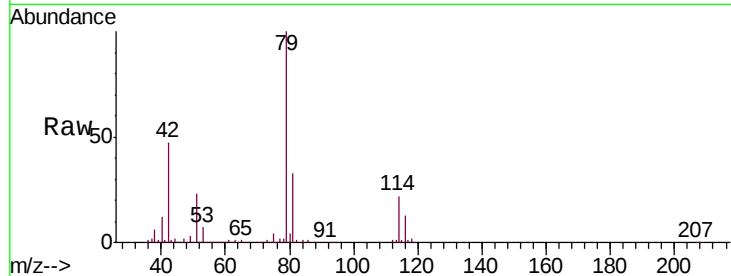




#42
 cis-1,3-Dichloropropene
 Concen: 0.439 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW014843.D
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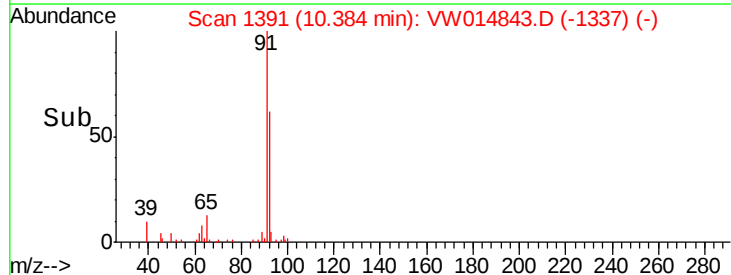
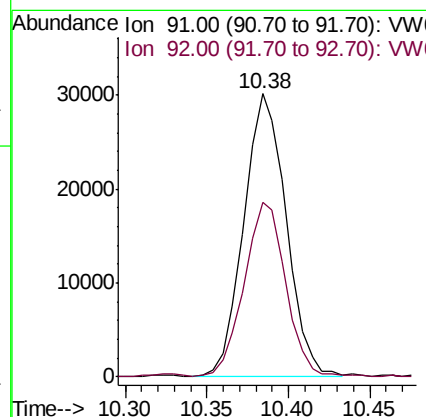
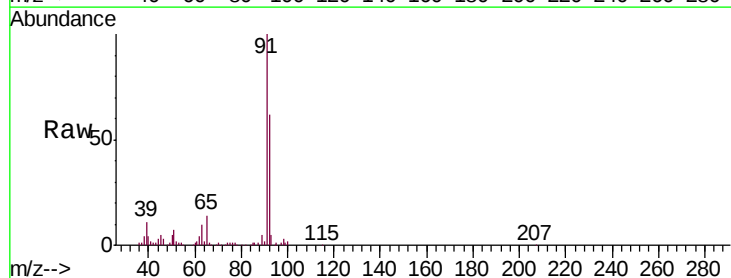
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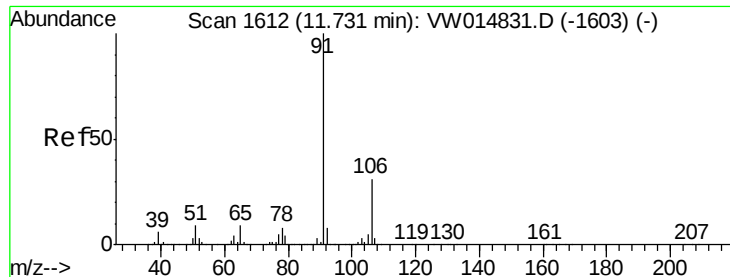
Tgt Ion: 75 Resp: 13099
 Ion Ratio Lower Upper
 75 100
 77 54.7 22.1 41.1#



#44
 Toluene
 Concen: 0.686 ug/L
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014843.D
 Acq: 03 Feb 2020 19:08

Tgt Ion: 91 Resp: 54538
 Ion Ratio Lower Upper
 91 100
 92 61.5 41.6 77.2





#53

Ethylbenzene

Concen: 0.332 ug/L

RT: 11.73 min Scan# 1611

Delta R.T. -0.01 min

Lab File: VW014843.D

Acq: 03 Feb 2020 19:08

Instrument :

MSVOA_W

ClientSampleId :

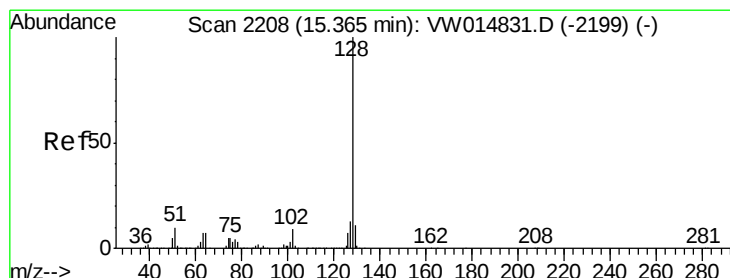
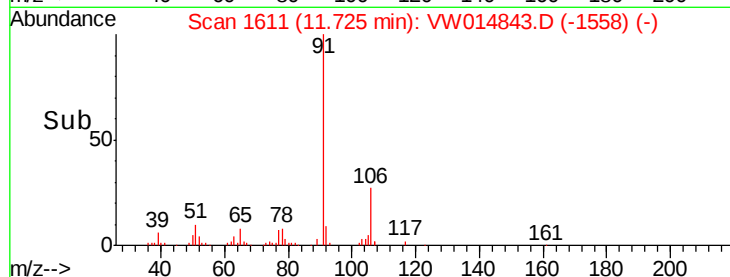
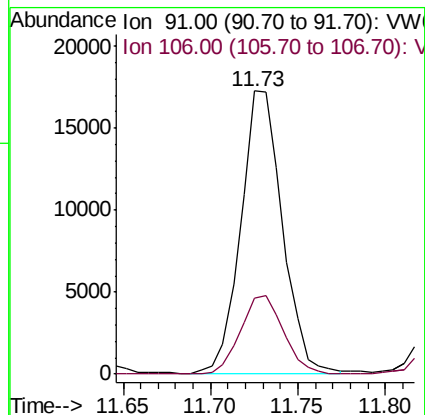
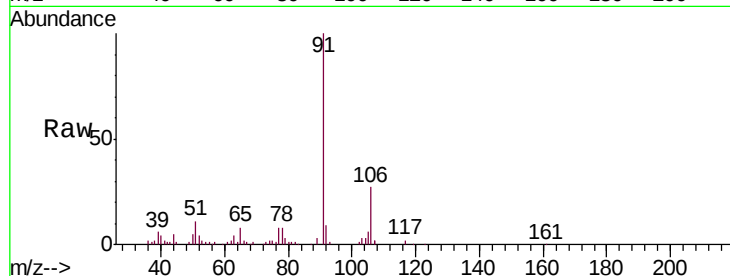
GAT42

Tgt Ion: 91 Resp: 28617

Ion Ratio Lower Upper

91 100

106 26.9 21.3 39.5



#69

Naphthalene

Concen: 33.355 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014843.D

Acq: 03 Feb 2020 19:08

Tgt Ion: 128 Resp: 1165578

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 12.9 10.6 15.8

