

Data File : VW014847.D
Acq On : 03 Feb 2020 20:53
Operator : SY/VA
Sample : L1323-14
Misc : 5.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT52

Quant Time: Feb 04 06:58:01 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	175053	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	188291	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	83409	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	44541	16.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.96%
7) Chloroethane-d5	2.89	69	53176	20.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.16%
10) 1,1-Dichloroethene-d2	4.01	63	86469	14.85	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.40%
20) 2-Butanone-d5	7.08	46	71154	69.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.10%#
24) Chloroform-d	7.65	84	133387	23.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.72%
26) 1,2-Dichloroethane-d4	8.30	65	88243	28.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.68%
29) Benzene-d6	8.27	84	265208	19.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.92%
33) 1,2-Dichloropropane-d6	9.27	67	96066	22.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.32%
37) Toluene-d8	10.32	98	220458	19.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.12%
38) trans-1,3-Dichloropropene-	10.58	79	36836	21.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.56%
39) 2-Hexanone-d5	10.93	63	47270	55.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	97980	28.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	89800	25.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.80%

Target Compounds

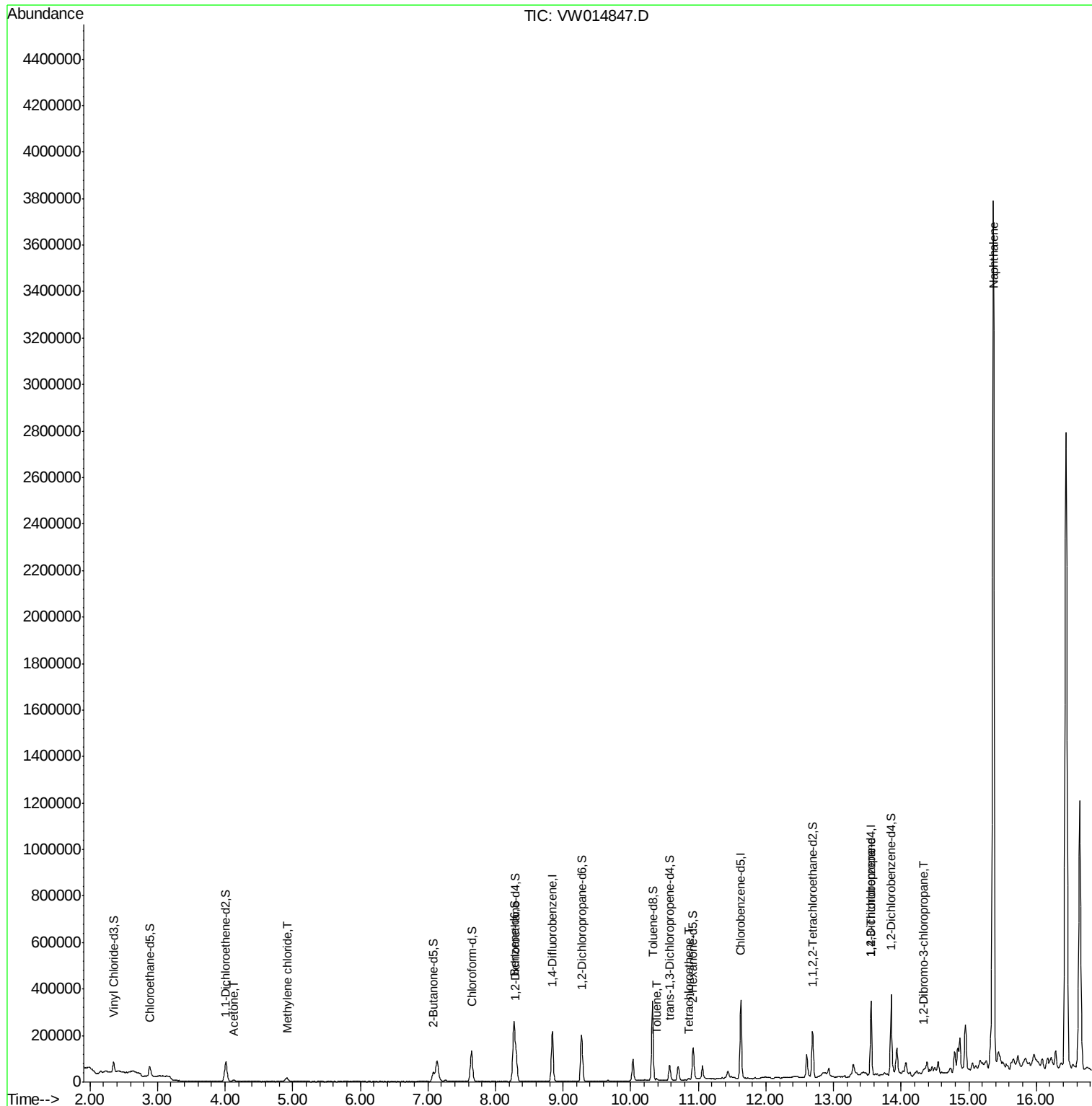
					Qvalue
13) Acetone	4.12	43	5413	4.857 ug/L	83
16) Methylene chloride	4.92	84	10684	3.305 ug/L	95
44) Toluene	10.38	91	4779	0.362 ug/L	83
47) Tetrachloroethene	10.86	164	1399	0.576 ug/L	77
59) 1,2,3-Trichloropropane	13.55	75	11525	4.874 ug/L	89
66) 1,2-Dibromo-3-chloropropan	14.33	75	1215	2.444 ug/L #	52
69) Naphthalene	15.36	128	3054762	486.177 ug/L	100

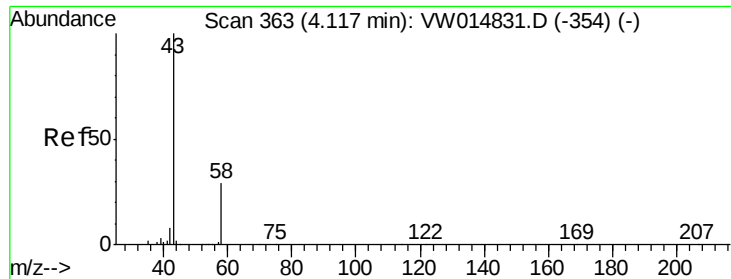
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.857 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampled :

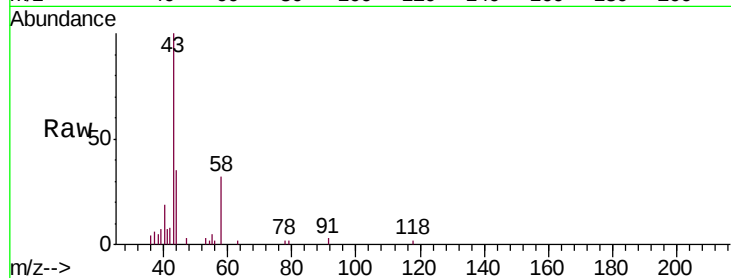
GAT52

Tgt Ion: 43 Resp: 5413

Ion Ratio Lower Upper

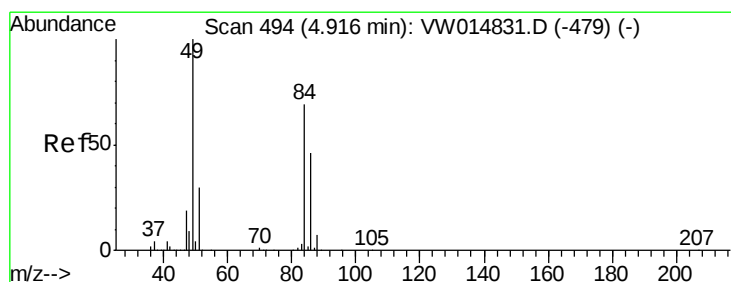
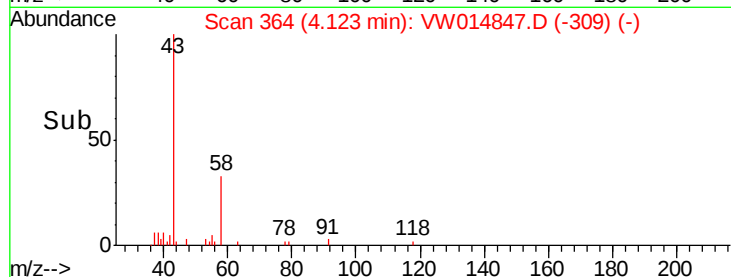
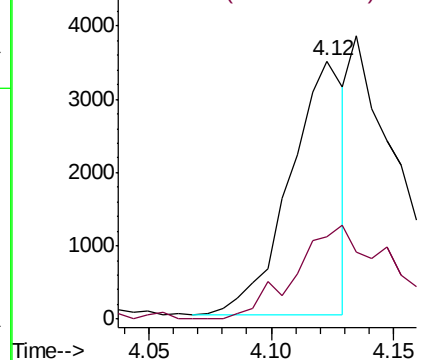
43 100

58 39.5 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: 3.305 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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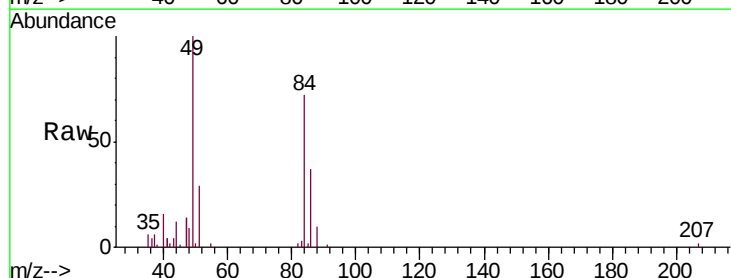
Tgt Ion: 84 Resp: 10684

Ion Ratio Lower Upper

84 100

49 138.0 96.6 179.4

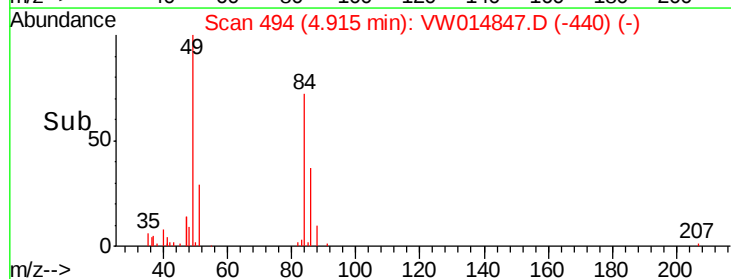
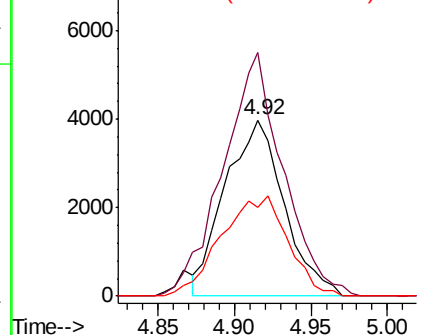
86 50.4 43.8 81.4

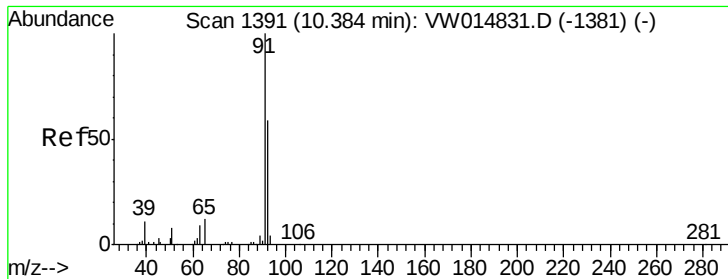


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#44

Toluene

Concen: 0.362 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

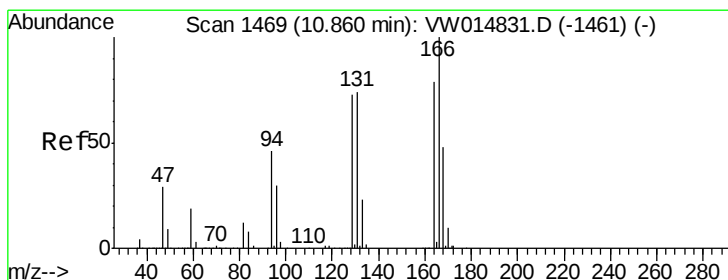
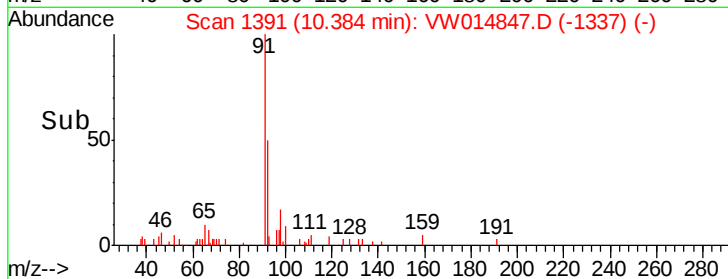
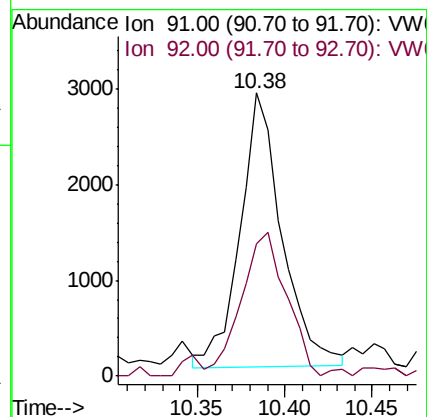
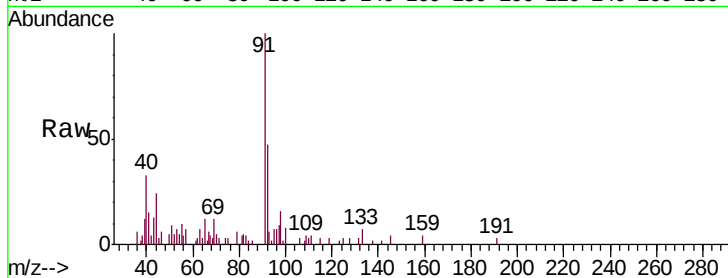
GAT52

Tgt Ion: 91 Resp: 4779

Ion Ratio Lower Upper

91 100

92 46.8 41.6 77.2



#47

Tetrachloroethene

Concen: 0.576 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW014847.D

Acq: 03 Feb 2020 20:53

Tgt Ion: 164 Resp: 1399

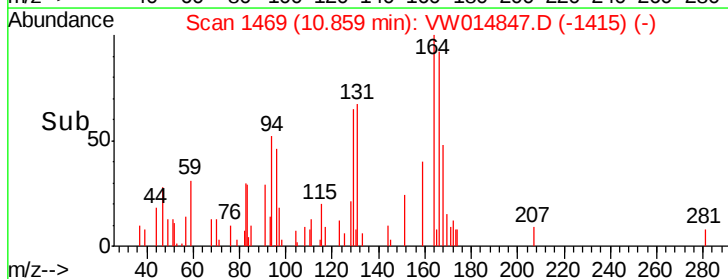
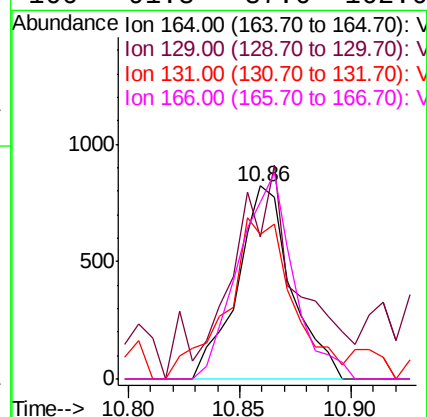
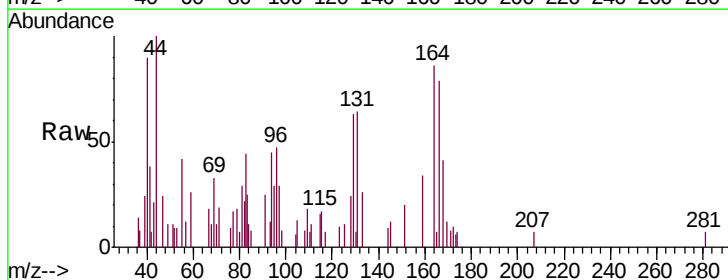
Ion Ratio Lower Upper

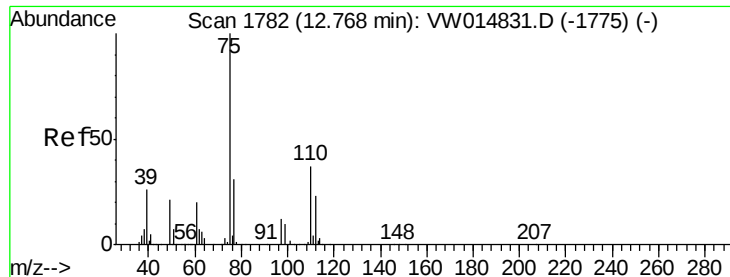
164 100

129 73.4 67.1 124.5

131 75.3 62.2 115.6

166 91.8 87.6 162.6





#59

1,2,3-Trichloropropane

Concen: 4.874 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014847.D

Acq: 03 Feb 2020 20:53

Instrument :

MSVOA_W

ClientSampleId :

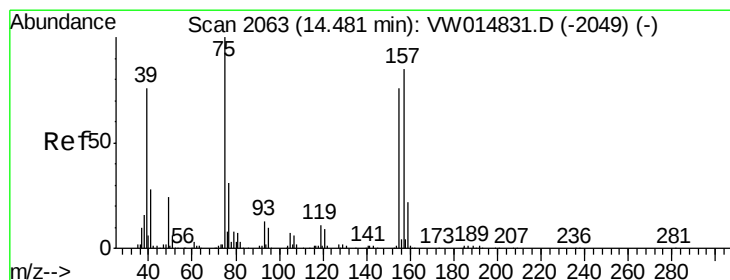
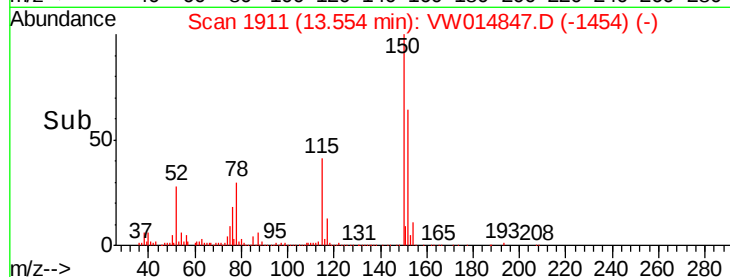
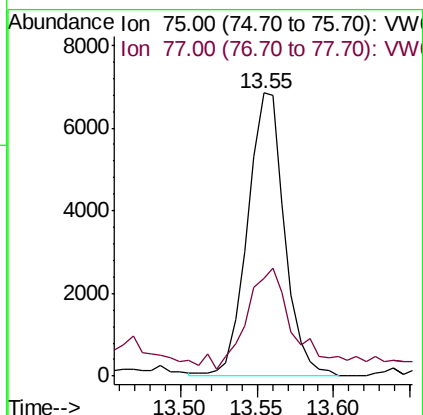
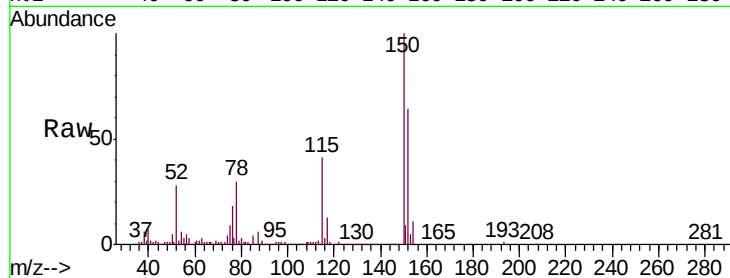
GAT52

Tgt Ion: 75 Resp: 11525

Ion Ratio Lower Upper

75 100

77 37.7 25.3 37.9



#66

1,2-Dibromo-3-chloropropane

Concen: 2.444 ug/L

RT: 14.33 min Scan# 2038

Delta R.T. -0.15 min

Lab File: VW014847.D

Acq: 03 Feb 2020 20:53

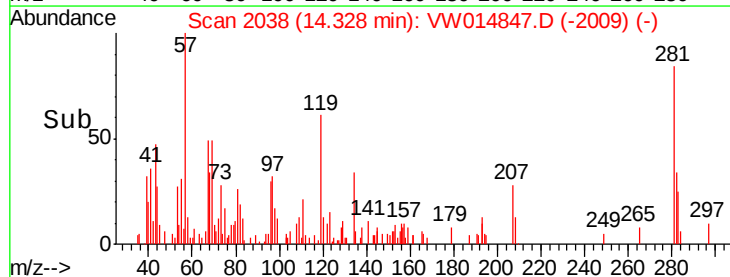
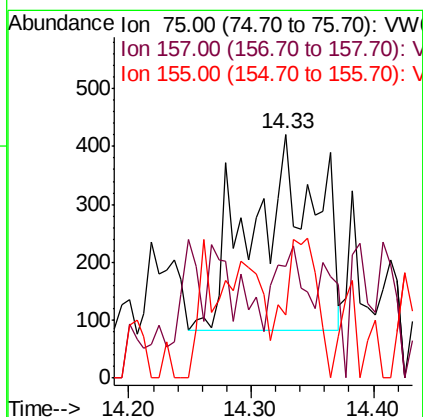
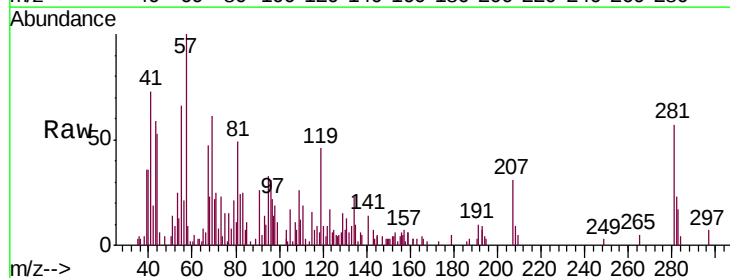
Tgt Ion: 75 Resp: 1215

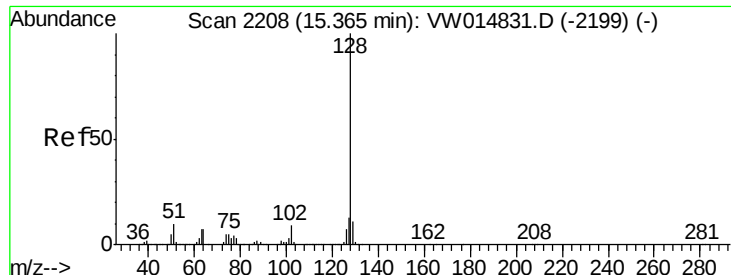
Ion Ratio Lower Upper

75 100

157 45.6 68.2 102.2#

155 25.7 56.0 84.0#





#69

Naphthalene

Concen: 486.177 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014847.D

Acq: 03 Feb 2020 20:53

Instrument :

MSVOA_W

ClientSampleId :

GAT52

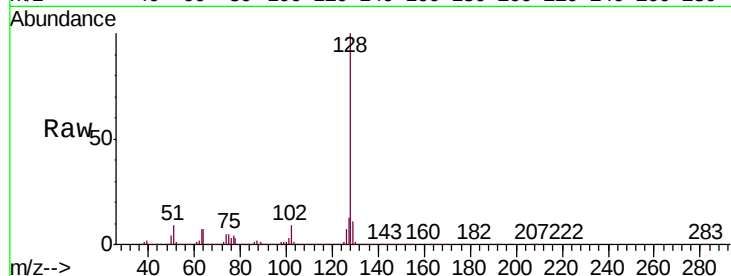
Tgt Ion:128 Resp: 3054762

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.2 10.6 15.8



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

