

Data File : VW014844.D
Acq On : 03 Feb 2020 19:35
Operator : SY/VA
Sample : L1323-03
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT43

Quant Time: Feb 04 06:57:34 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	153689	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	147442	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	46471	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	44318	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.64%
7) Chloroethane-d5	2.89	69	53173	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.40%
10) 1,1-Dichloroethene-d2	4.01	63	84647	16.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.20%
20) 2-Butanone-d5	7.09	46	48273	53.36	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.72%
24) Chloroform-d	7.65	84	130736	26.72	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.88%
26) 1,2-Dichloroethane-d4	8.02	65	67	0.02	ug/L	-0.29
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	251465	24.19	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.76%
33) 1,2-Dichloropropane-d6	9.27	67	91468	26.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.40%
37) Toluene-d8	10.32	98	187142	20.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.52%
38) trans-1,3-Dichloropropene-	10.57	79	30195	22.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.56%
39) 2-Hexanone-d5	10.93	63	27569	41.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.68%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	67357	25.38	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	52518	26.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.88%

Target Compounds

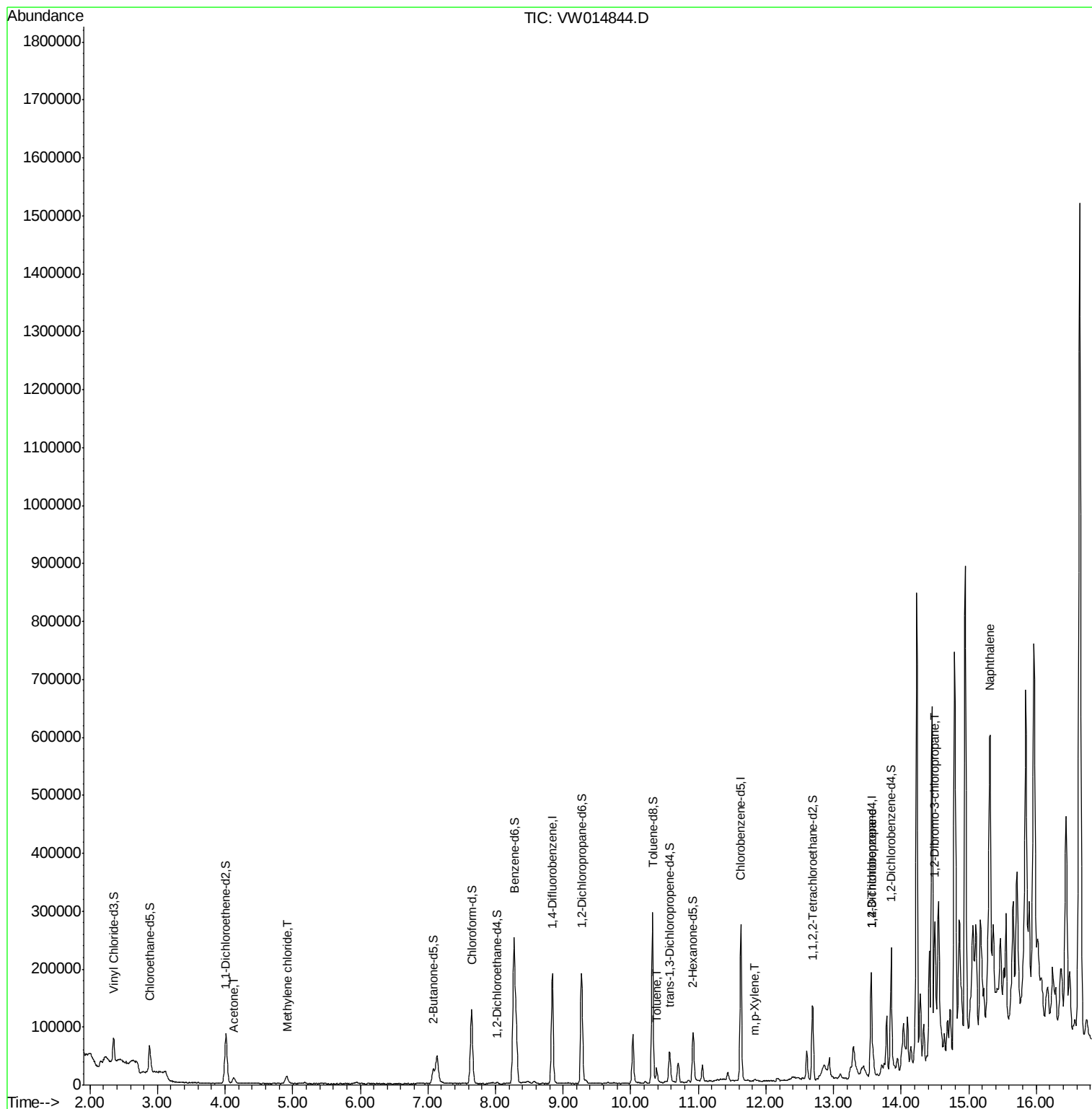
					Qvalue
13) Acetone	4.13	43	20384	20.834	ug/L 98
16) Methylene chloride	4.92	84	8558	3.016	ug/L 90
44) Toluene	10.38	91	18234	1.765	ug/L 97
54) m,p-Xylene	11.84	106	1409	0.344	ug/L 69
59) 1,2,3-Trichloropropane	13.55	75	6598	3.563	ug/L 92
66) 1,2-Dibromo-3-chloropropan	14.51	75	3568	12.882	ug/L # 16
69) Naphthalene	15.32	128	110139	31.462	ug/L # 1

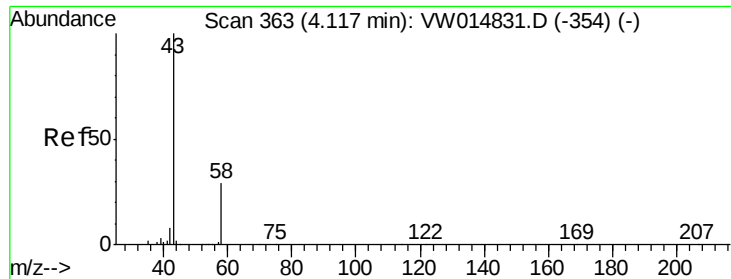
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 20.834 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 03 Feb 2020 19:35

Instrument :

MSVOA_W

ClientSampled :

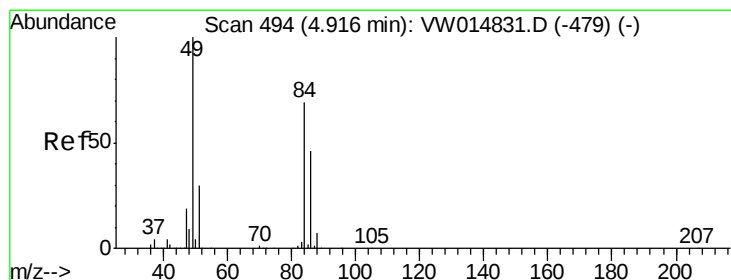
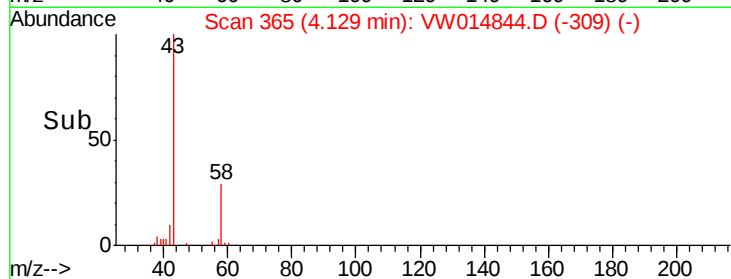
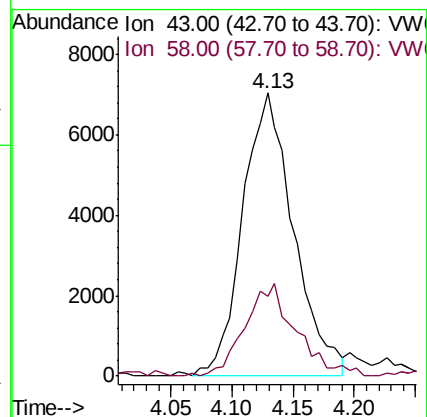
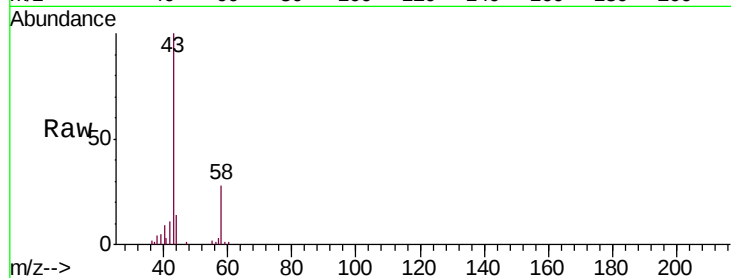
GAT43

Tgt Ion: 43 Resp: 20384

Ion Ratio Lower Upper

43 100

58 31.3 0.0 60.2



#16

Methylene chloride

Concen: 3.016 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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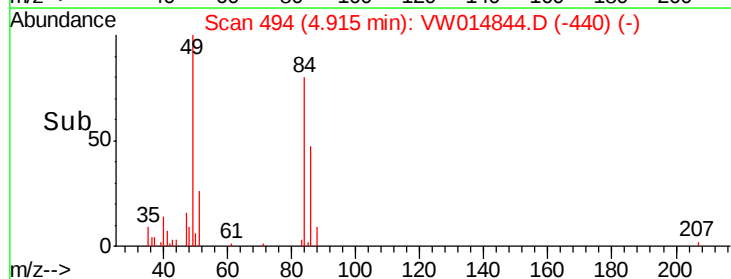
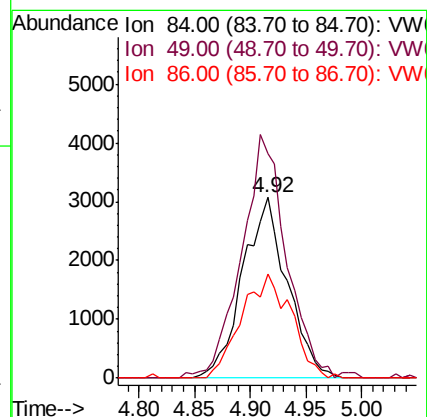
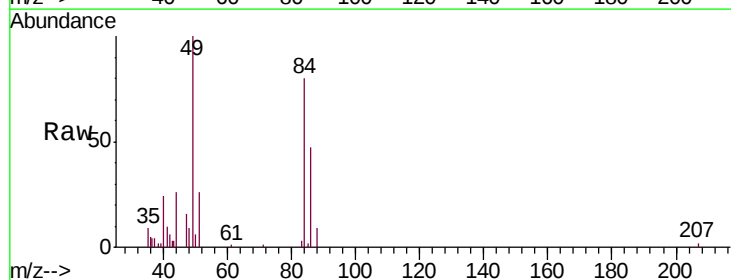
Tgt Ion: 84 Resp: 8558

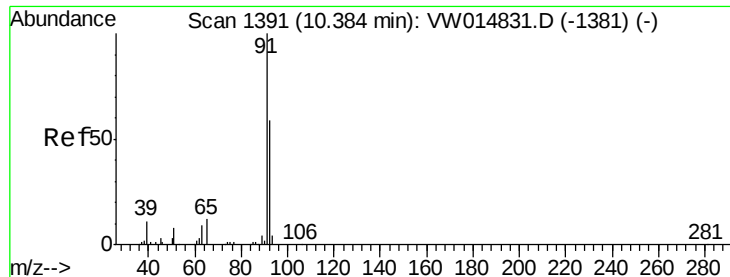
Ion Ratio Lower Upper

84 100

49 124.3 96.6 179.4

86 58.0 43.8 81.4





#44

Toluene

Concen: 1.765 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

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Acq: 03 Feb 2020 19:35

Instrument :

MSVOA_W

ClientSampleId :

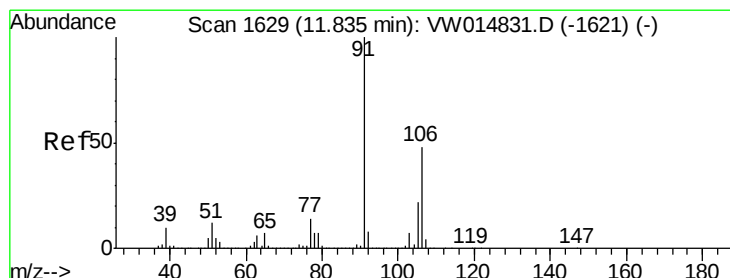
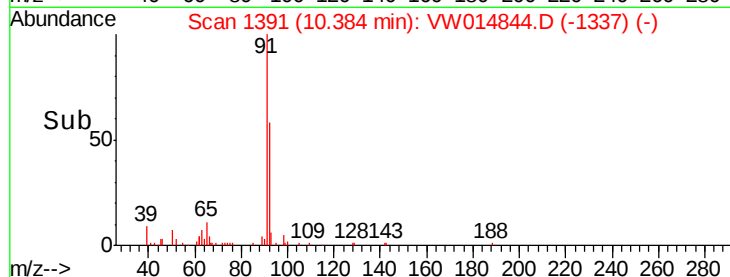
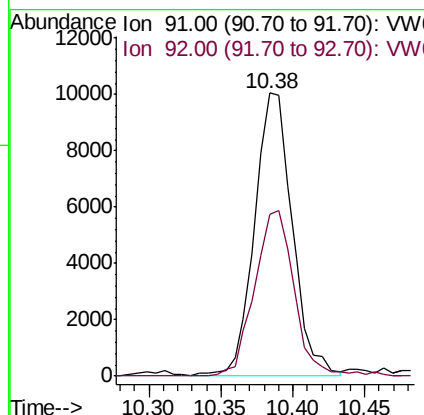
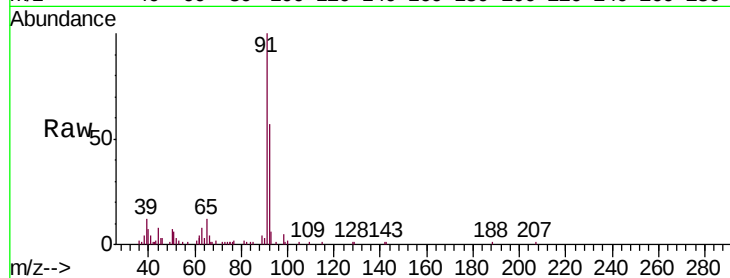
GAT43

Tgt Ion: 91 Resp: 18234

Ion Ratio Lower Upper

91 100

92 57.2 41.6 77.2



#54

m,p-Xylene

Concen: 0.344 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. 0.01 min

Lab File: VW014844.D

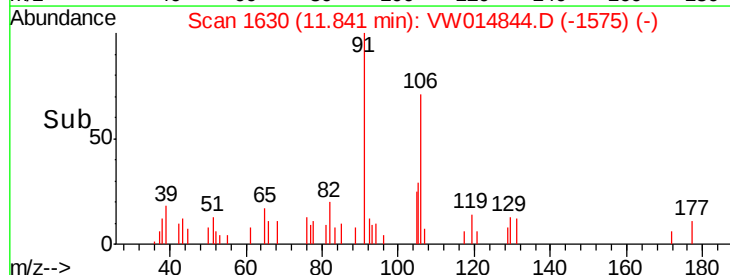
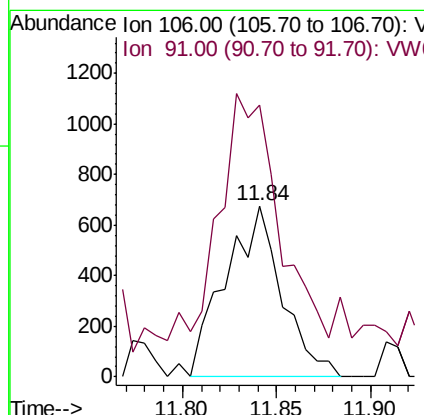
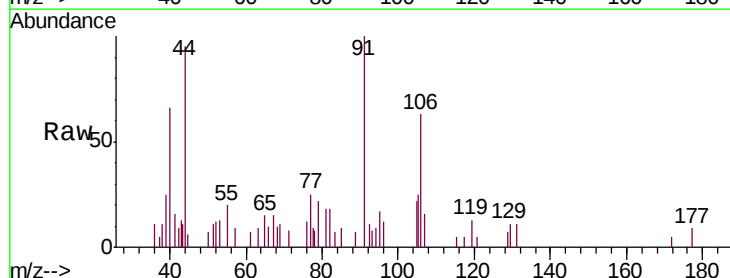
Acq: 03 Feb 2020 19:35

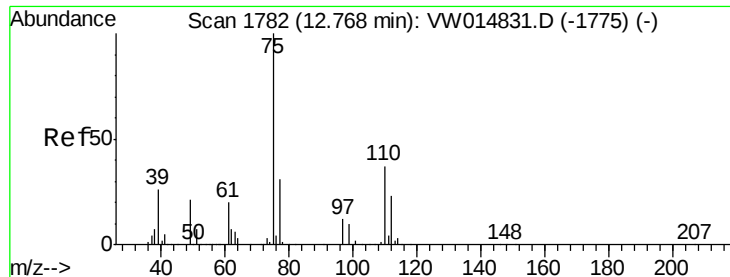
Tgt Ion: 106 Resp: 1409

Ion Ratio Lower Upper

106 100

91 159.2 145.3 269.9





#59

1,2,3-Trichloropropane

Concen: 3.563 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014844.D

Acq: 03 Feb 2020 19:35

Instrument :

MSVOA_W

ClientSampled :

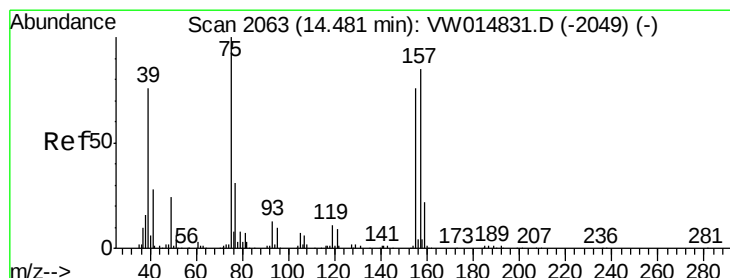
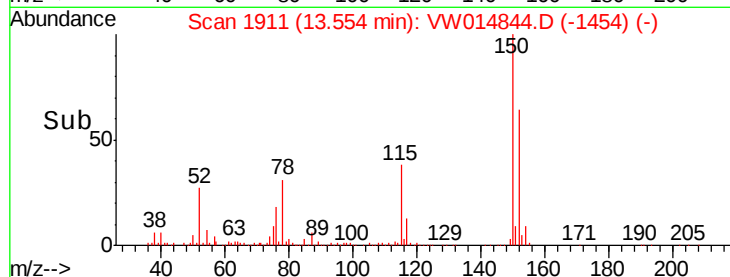
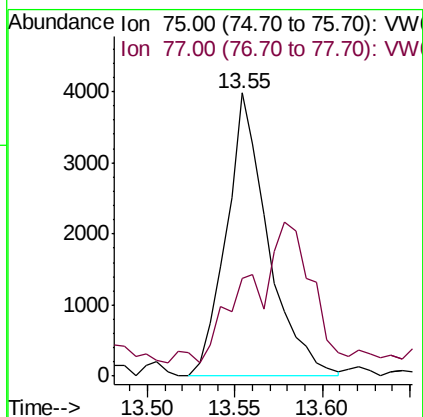
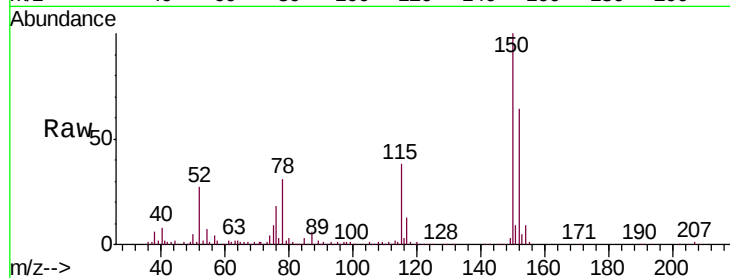
GAT43

Tgt Ion: 75 Resp: 6598

Ion Ratio Lower Upper

75 100

77 27.3 25.3 37.9



#66

1,2-Dibromo-3-chloropropane

Concen: 12.882 ug/L

RT: 14.51 min Scan# 2067

Delta R.T. 0.02 min

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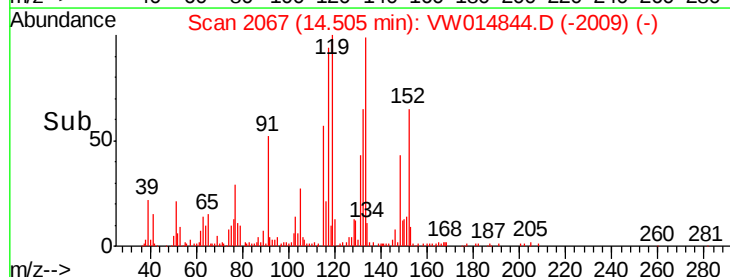
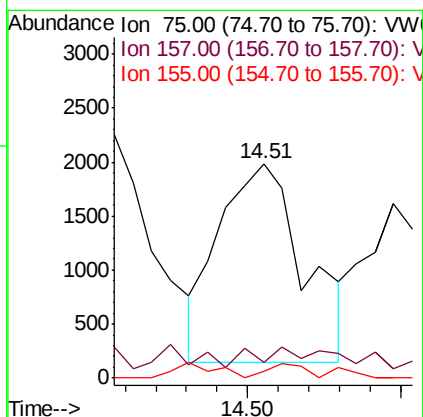
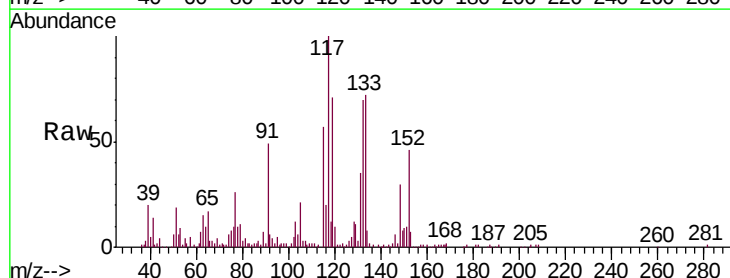
Tgt Ion: 75 Resp: 3568

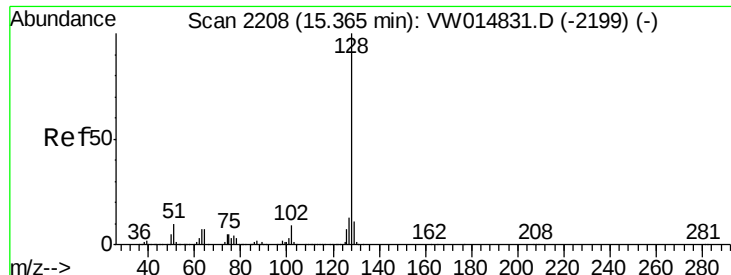
Ion Ratio Lower Upper

75 100

157 7.3 68.2 102.2#

155 3.1 56.0 84.0#





#69

Naphthalene

Concen: 31.462 ug/L

RT: 15.32 min Scan# 2200

Delta R.T. -0.05 min

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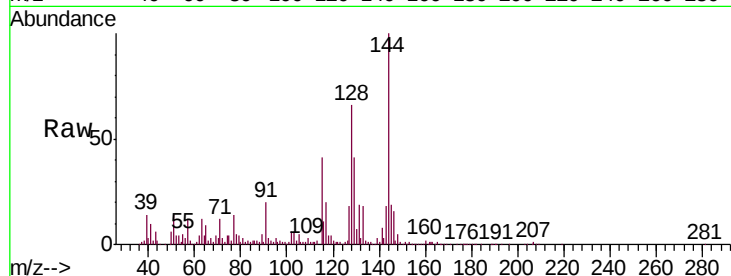
Tgt Ion:128 Resp: 110139

Ion Ratio Lower Upper

128 100

129 78.2 8.7 13.1#

127 30.3 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

