

Data File : VW014881.D
Acq On : 05 Feb 2020 20:41
Operator : SY/VA
Sample : L1324-14
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT69

Quant Time: Feb 06 03:02:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020520S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 06 02:59:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	627614	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	626300	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	249480	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	189567	18.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.96%
7) Chloroethane-d5	2.89	69	192979	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.80%
10) 1,1-Dichloroethene-d2	4.01	63	285308	15.03	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.12%
20) 2-Butanone-d5	7.07	46	142604	48.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.80%
24) Chloroform-d	7.65	84	451740	25.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	8.30	65	270212	27.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.60%
29) Benzene-d6	8.27	84	858607	21.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.28%
33) 1,2-Dichloropropane-d6	9.27	67	312883	23.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.36%
37) Toluene-d8	10.32	98	716545	20.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.88%
38) trans-1,3-Dichloropropene-	10.58	79	102952	19.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.44%
39) 2-Hexanone-d5	10.92	63	100367	41.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	233821	23.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	236546	24.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.80%

Target Compounds

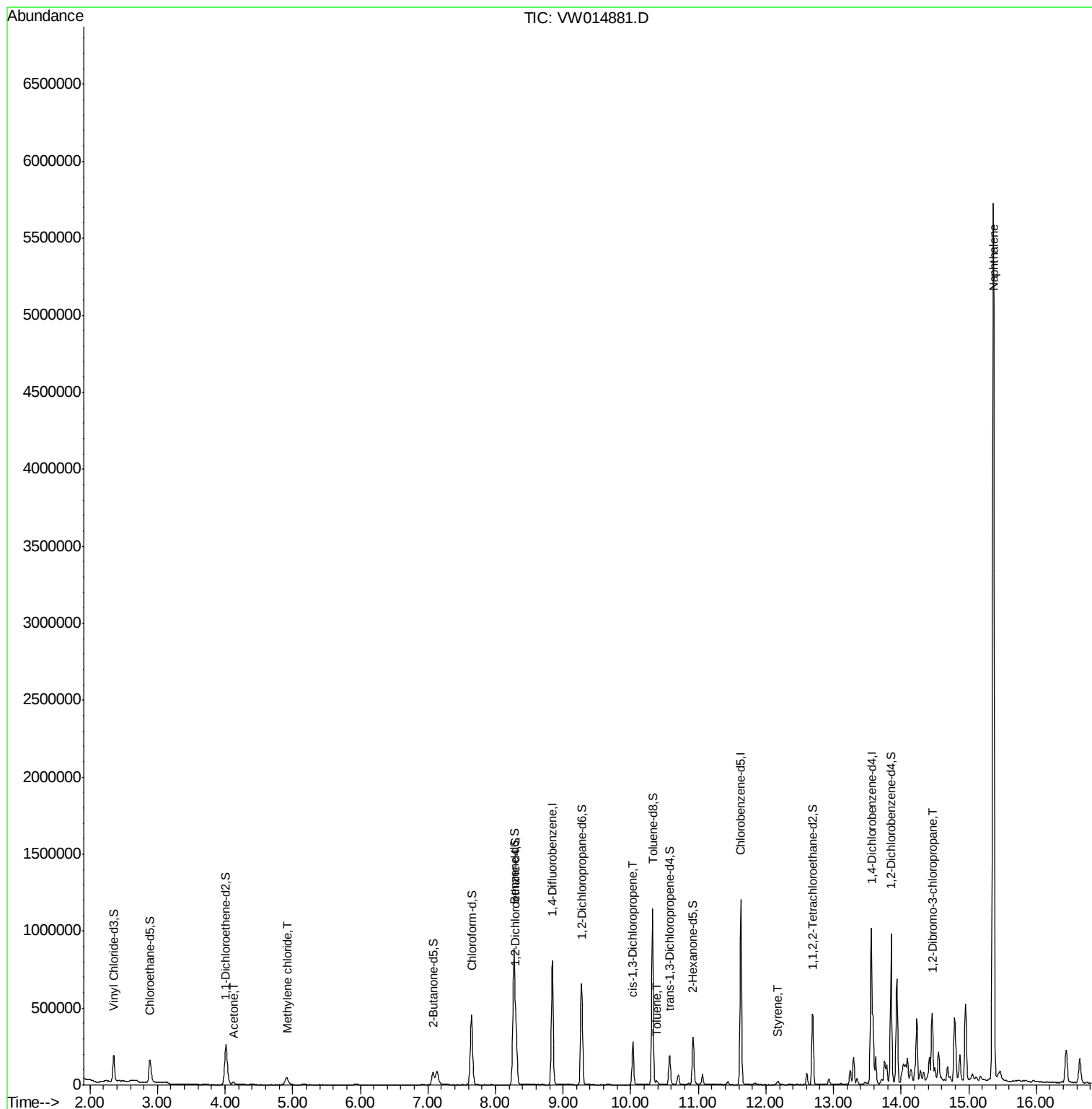
					Qvalue
13) Acetone	4.12	43	25312	8.410 ug/L	83
16) Methylene chloride	4.92	84	34708	3.036 ug/L	95
42) cis-1,3-Dichloropropene	10.03	75	7092	0.433 ug/L #	78
44) Toluene	10.38	91	17537	0.401 ug/L	99
56) Styrene	12.18	104	9208	0.328 ug/L	89
66) 1,2-Dibromo-3-chloropropan	14.47	75	3613	2.749 ug/L #	8
69) Naphthalene	15.36	128	4561149	243.159 ug/L	99

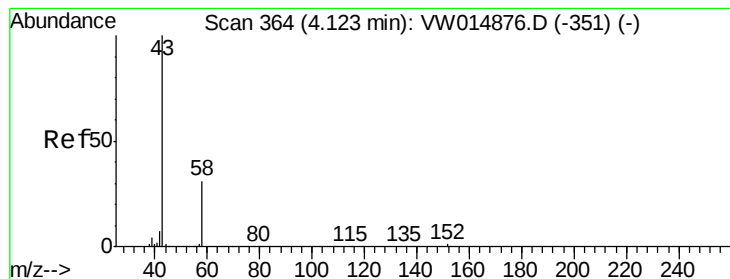
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.410 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

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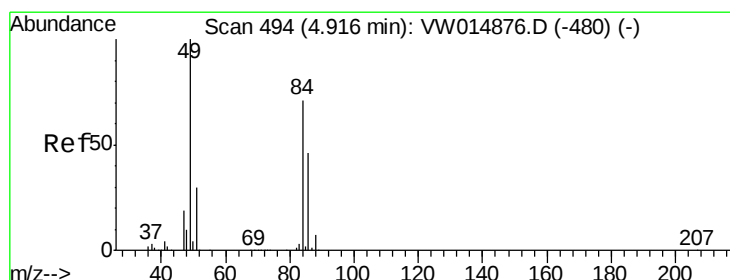
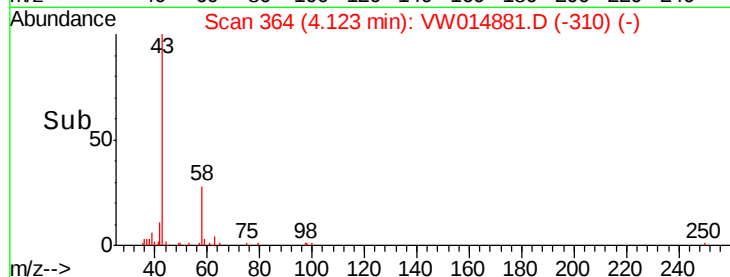
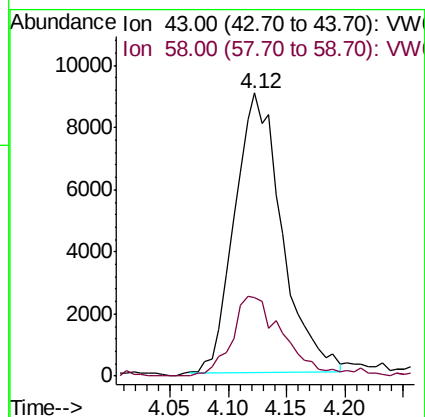
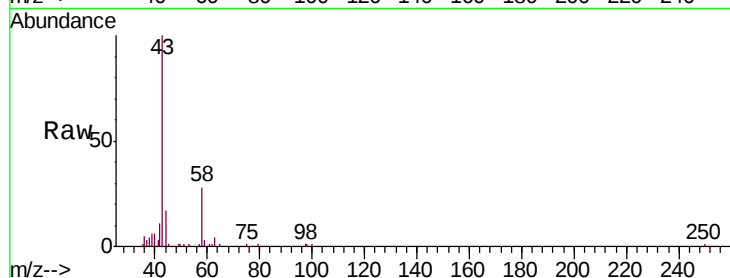
GAT69

Tgt Ion: 43 Resp: 25312

Ion Ratio Lower Upper

43 100

58 21.0 0.0 60.4



#16

Methylene chloride

Concen: 3.036 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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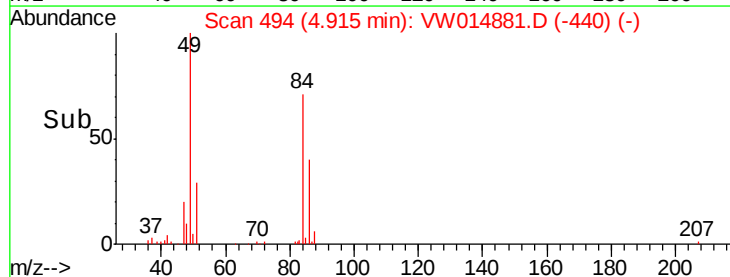
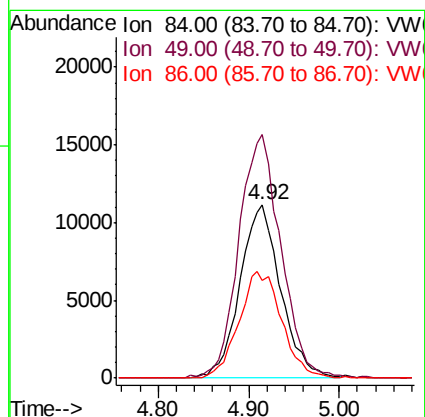
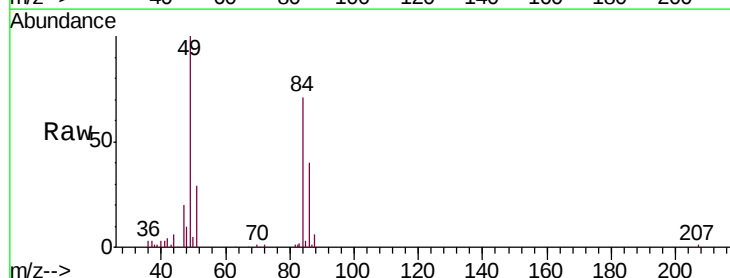
Tgt Ion: 84 Resp: 34708

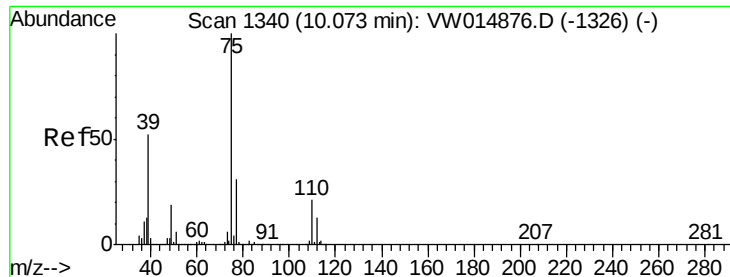
Ion Ratio Lower Upper

84 100

49 140.2 95.8 177.8

86 56.3 44.2 82.2





#42

cis-1,3-Dichloropropene

Concen: 0.433 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

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ClientSampleId :

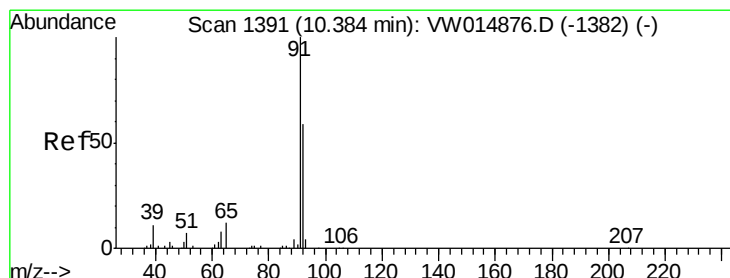
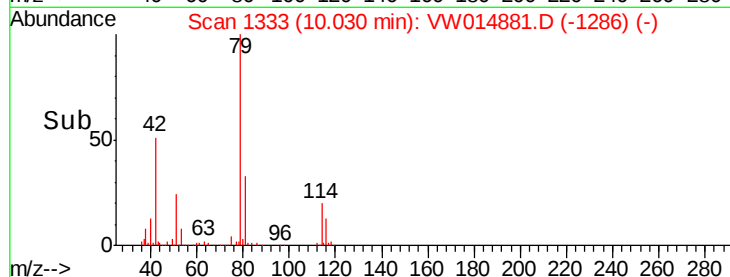
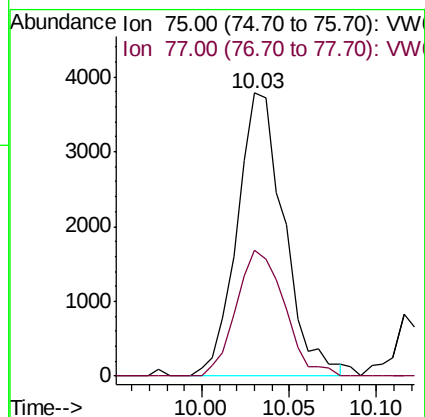
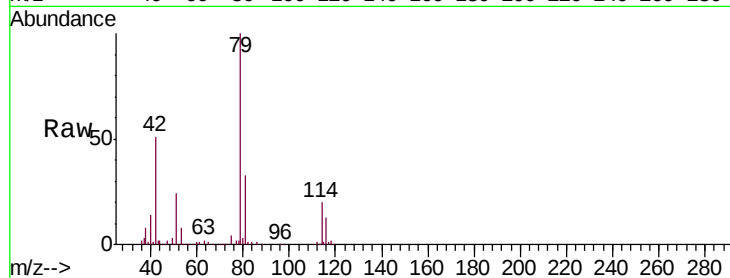
GAT69

Tgt Ion: 75 Resp: 7092

Ion Ratio Lower Upper

75 100

77 44.7 22.5 41.9#



#44

Toluene

Concen: 0.401 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

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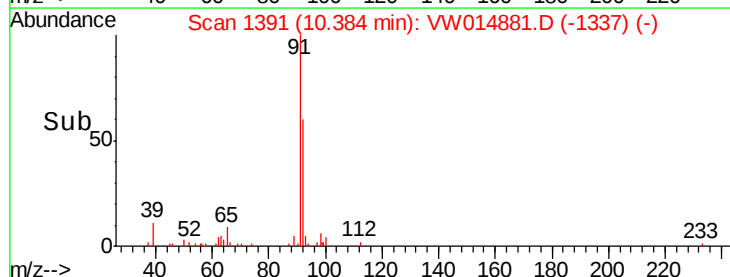
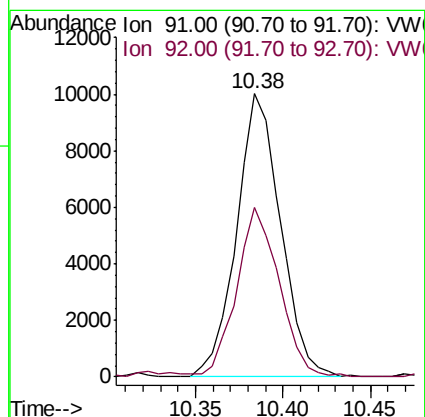
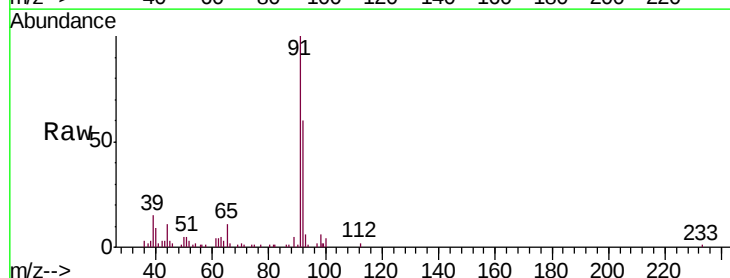
Acq: 05 Feb 2020 20:41

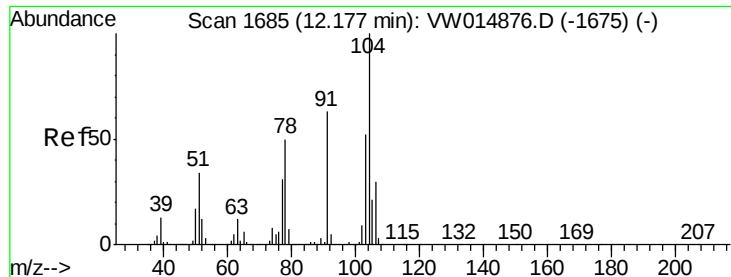
Tgt Ion: 91 Resp: 17537

Ion Ratio Lower Upper

91 100

92 59.7 41.4 77.0

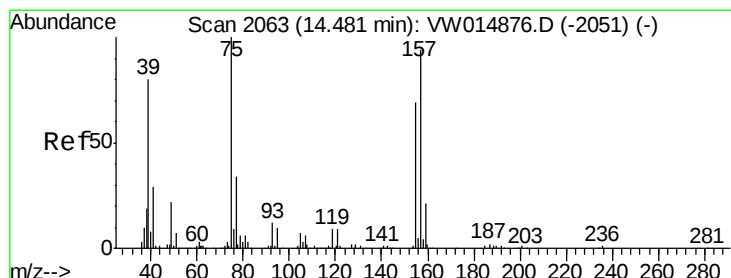
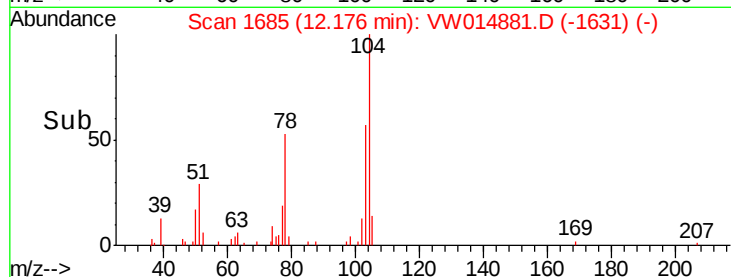
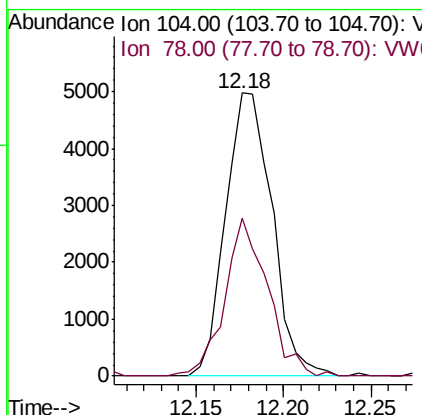
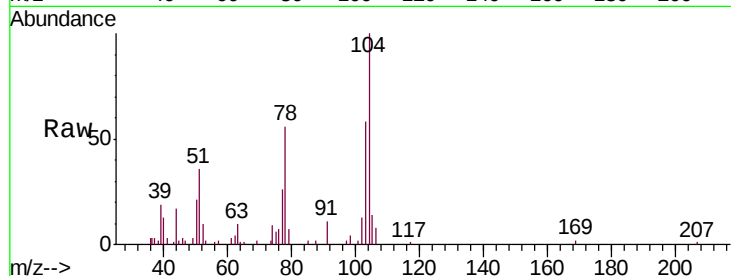




#56
Styrene
Concen: 0.328 ug/L
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014881.D
Acq: 05 Feb 2020 20:41

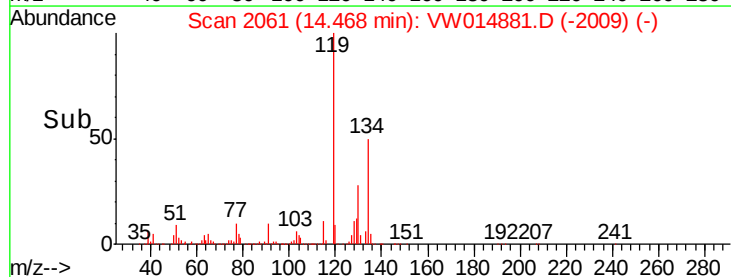
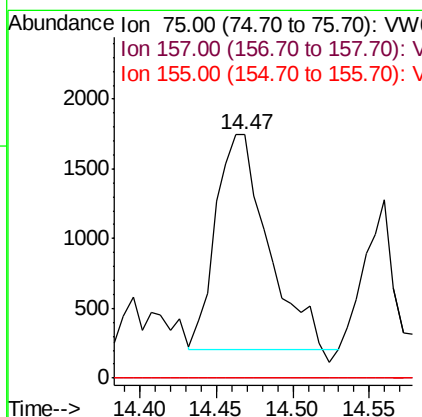
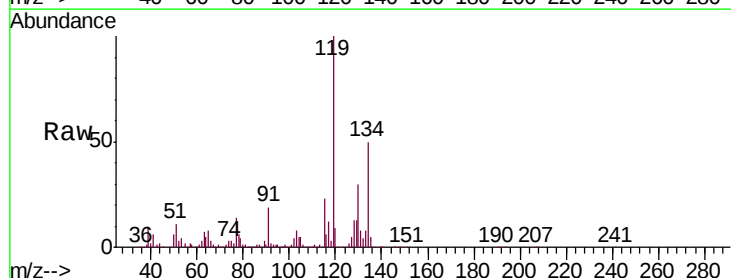
Instrument :
MSVOA_W
ClientSampled :
GAT69

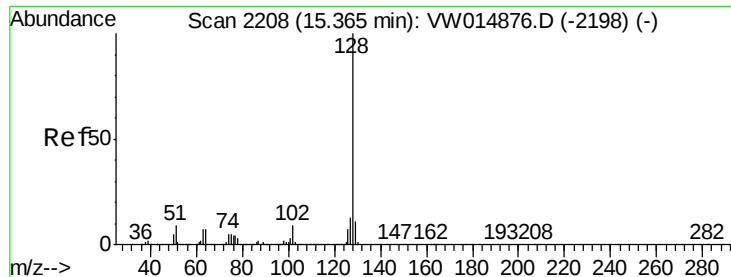
Tgt Ion: 104 Resp: 9208
Ion Ratio Lower Upper
104 100
78 55.9 33.8 62.8



#66
1,2-Dibromo-3-chloropropane
Concen: 2.749 ug/L
RT: 14.47 min Scan# 2061
Delta R.T. -0.01 min
Lab File: VW014881.D
Acq: 05 Feb 2020 20:41

Tgt Ion: 75 Resp: 3613
Ion Ratio Lower Upper
75 100
157 0.0 74.2 111.4#
155 0.0 56.1 84.1#





#69

Naphthalene

Concen: 243.159 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014881.D

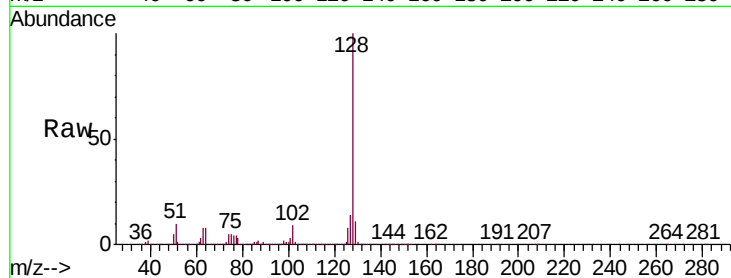
Acq: 05 Feb 2020 20:41

Instrument :

MSVOA_W

ClientSampleId :

GAT69



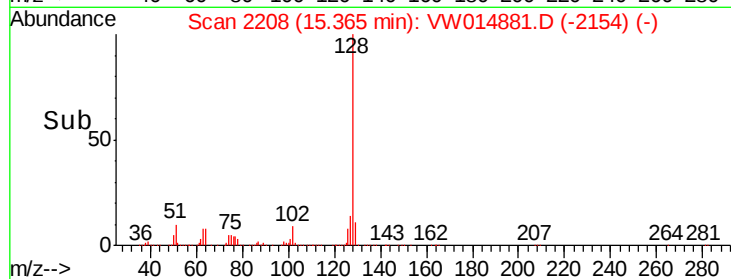
Tgt Ion:128 Resp: 4561149

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

127 13.3 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

