

Data File : VW014885.D
Acq On : 06 Feb 2020 00:36
Operator : SY/VA
Sample : L1324-06
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT63

Quant Time: Feb 06 03:02:36 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	274817	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	294743	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	109730	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	84536	18.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.32%
7) Chloroethane-d5	2.89	69	92350	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.40%
10) 1,1-Dichloroethene-d2	4.01	63	139981	16.84	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.36%
20) 2-Butanone-d5	7.08	46	80328	62.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.82%
24) Chloroform-d	7.65	84	231247	29.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.56%
26) 1,2-Dichloroethane-d4	8.31	65	146900	34.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	136.08%#
29) Benzene-d6	8.27	84	435402	22.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.88%
33) 1,2-Dichloropropane-d6	9.27	67	163081	26.40	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.60%
37) Toluene-d8	10.32	98	350997	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.16%
38) trans-1,3-Dichloropropene-	10.57	79	54236	22.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.96%
39) 2-Hexanone-d5	10.92	63	49967	44.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	130235	28.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	124841	29.34	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	117.36%

Target Compounds

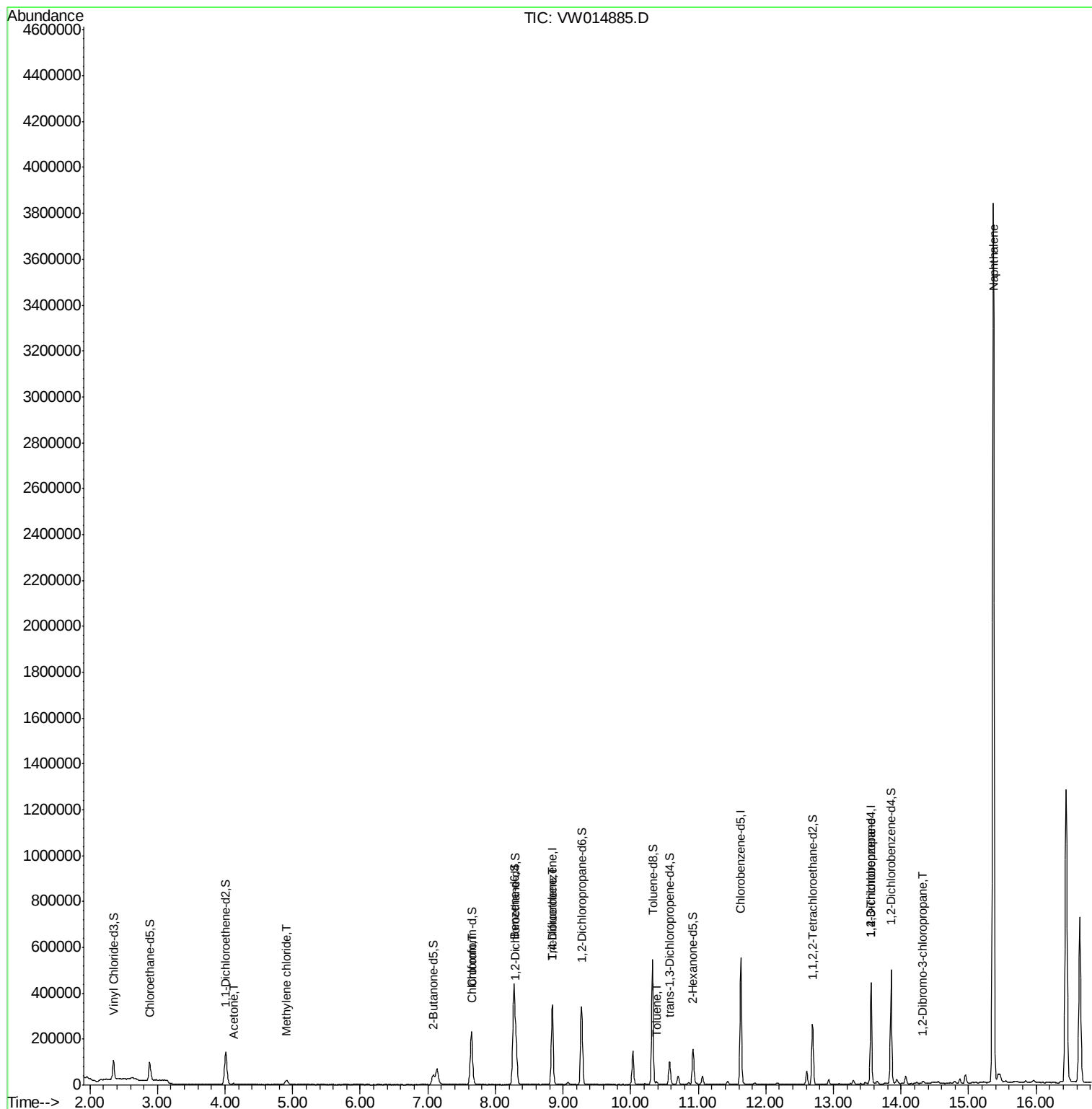
					Qvalue
13) Acetone	4.12	43	8206	6.226 ug/L	69
16) Methylene chloride	4.90	84	13482	2.693 ug/L	91
25) Chloroform	7.67	83	2450	0.333 ug/L #	1
35) Trichloroethene	8.84	95	8638	1.719 ug/L #	7
44) Toluene	10.38	91	7553	0.367 ug/L	91
59) 1,2,3-Trichloropropane	13.55	75	15536	4.634 ug/L	89
66) 1,2-Dibromo-3-chloropropan	14.32	75	1093	1.891 ug/L #	8
69) Naphthalene	15.36	128	2992937	362.763 ug/L	100

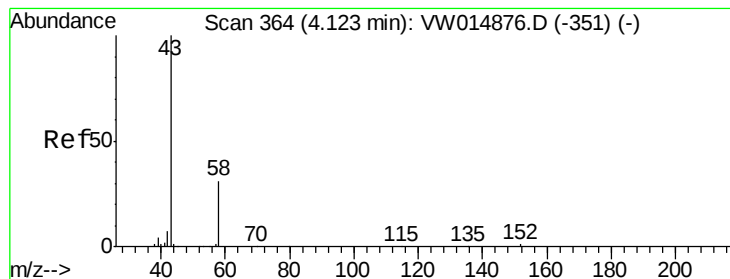
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW014885.D
Acq On : 06 Feb 2020 00:36
Operator : SY/VA
Sample : L1324-06
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT63

Quant Time: Feb 06 03:02:36 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





#13

Acetone

Concen: 6.226 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW014885.D

Acq: 06 Feb 2020 00:36

Instrument :

MSVOA_W

ClientSampleId :

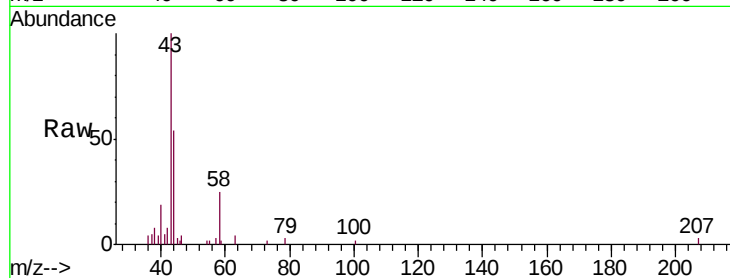
GAT63

Tgt Ion: 43 Resp: 8206

Ion Ratio Lower Upper

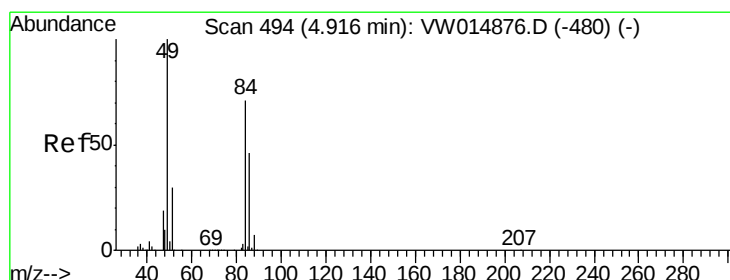
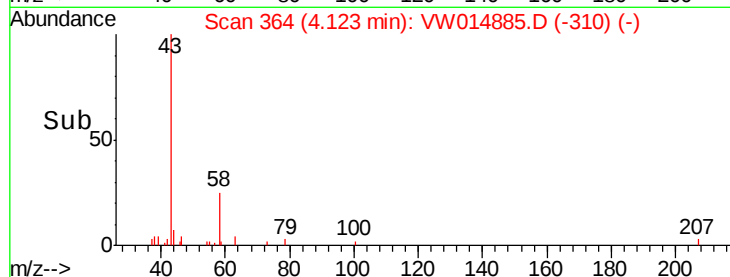
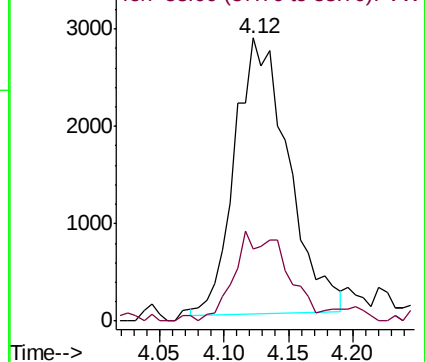
43 100

58 13.3 0.0 60.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 2.693 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW014885.D

Acq: 06 Feb 2020 00:36

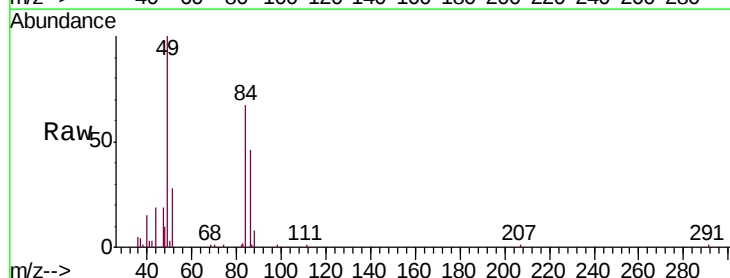
Tgt Ion: 84 Resp: 13482

Ion Ratio Lower Upper

84 100

49 148.5 95.8 177.8

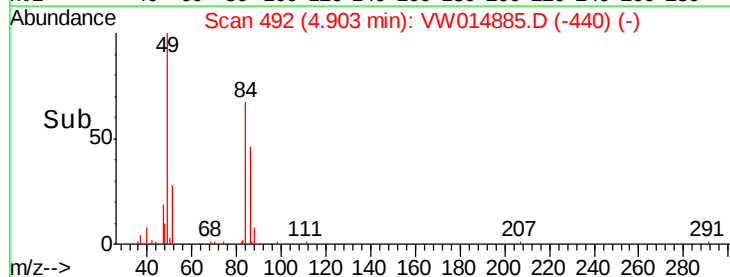
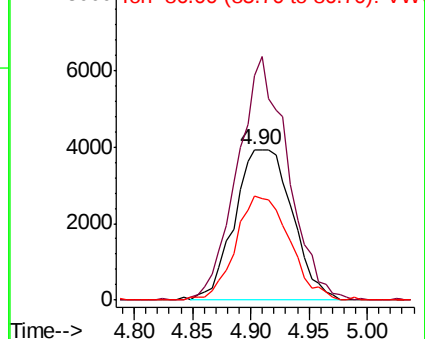
86 68.8 44.2 82.2

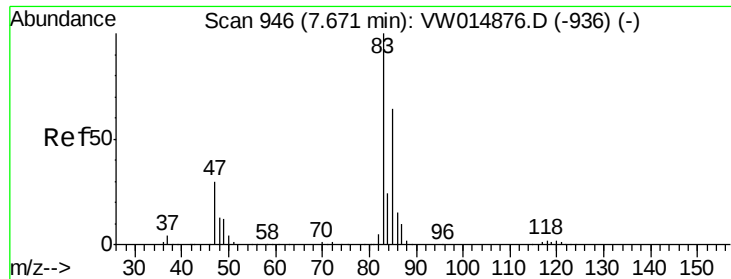


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#25

Chloroform

Concen: 0.333 ug/L

RT: 7.67 min Scan# 945

Delta R.T. -0.01 min

Lab File: VW014885.D

Acq: 06 Feb 2020 00:36

Instrument :

MSVOA_W

ClientSampled :

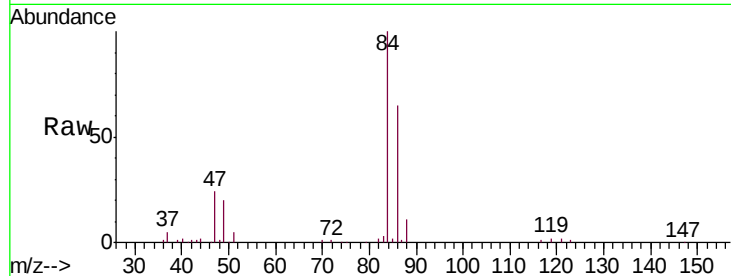
GAT63

Tgt Ion: 83 Resp: 2450

Ion Ratio Lower Upper

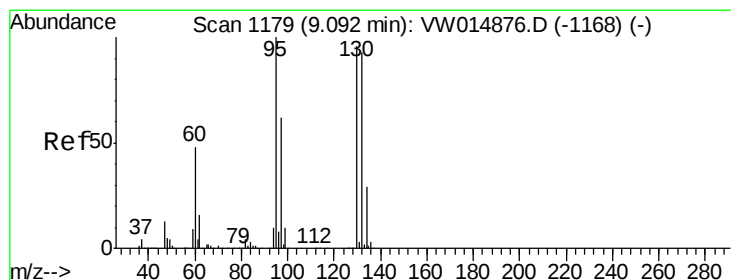
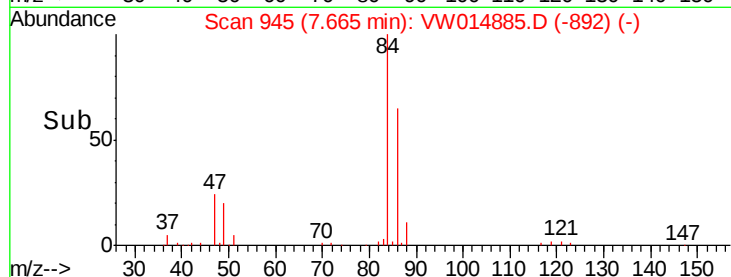
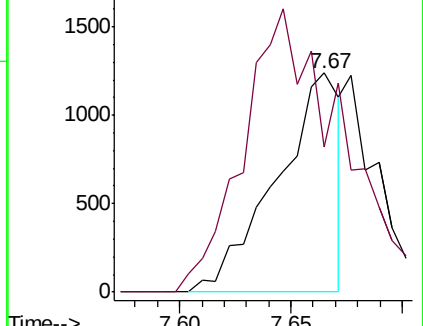
83 100

85 200.0 45.4 84.4#



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW



#35

Trichloroethene

Concen: 1.719 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW014885.D

Acq: 06 Feb 2020 00:36

Tgt Ion: 95 Resp: 8638

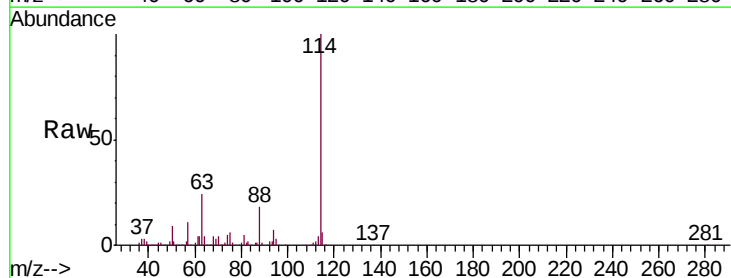
Ion Ratio Lower Upper

95 100

97 0.3 44.4 82.5#

132 0.0 63.6 118.0#

130 0.0 67.3 124.9#

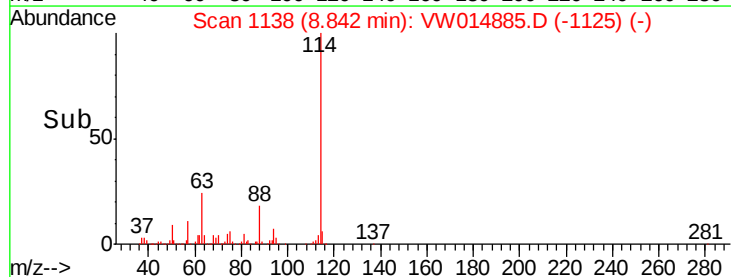
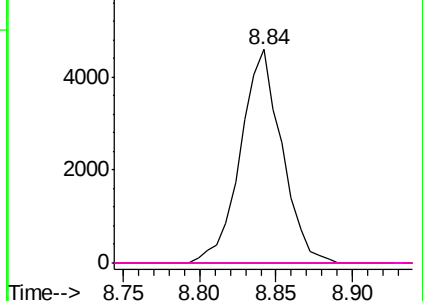


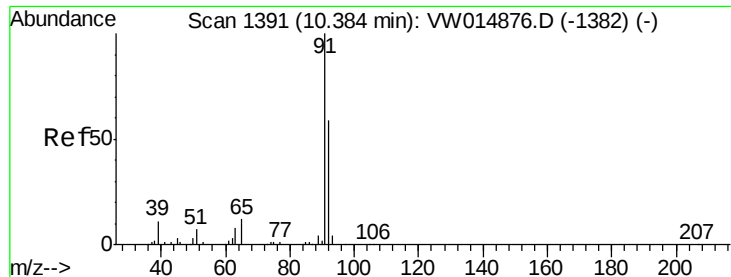
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#44

Toluene

Concen: 0.367 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014885.D

Acq: 06 Feb 2020 00:36

Instrument :

MSVOA_W

ClientSampleId :

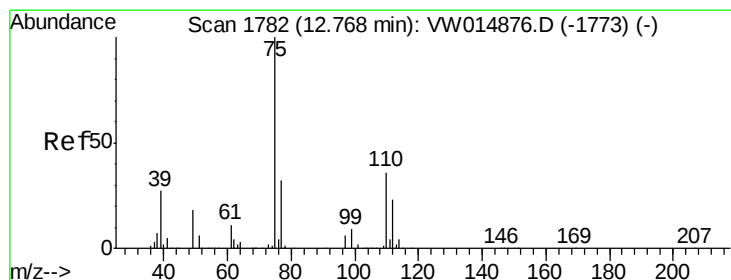
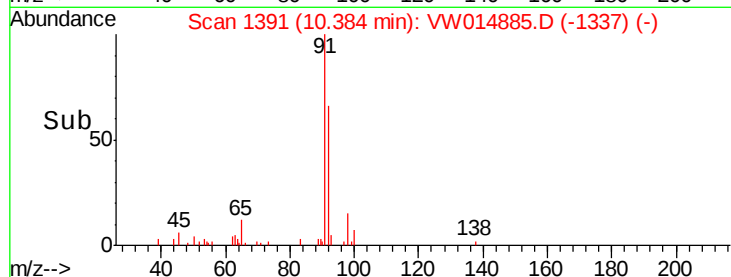
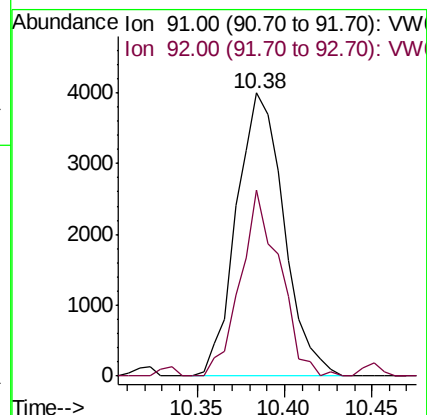
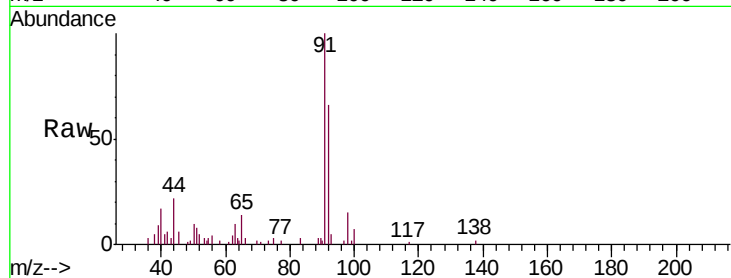
GAT63

Tgt Ion: 91 Resp: 7553

Ion Ratio Lower Upper

91 100

92 65.6 41.4 77.0



#59

1,2,3-Trichloropropane

Concen: 4.634 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW014885.D

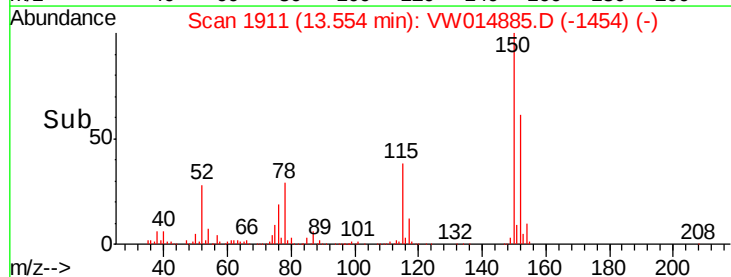
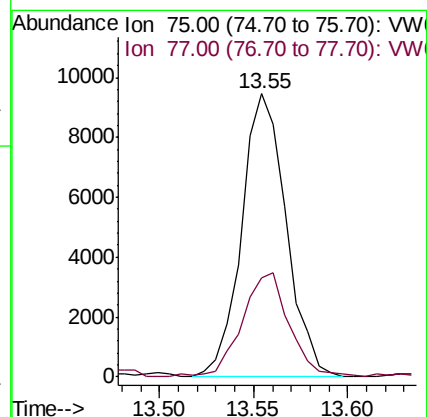
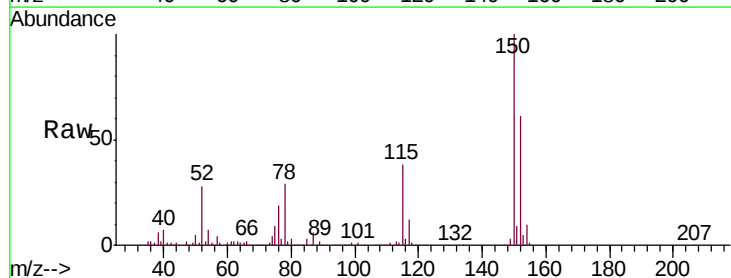
Acq: 06 Feb 2020 00:36

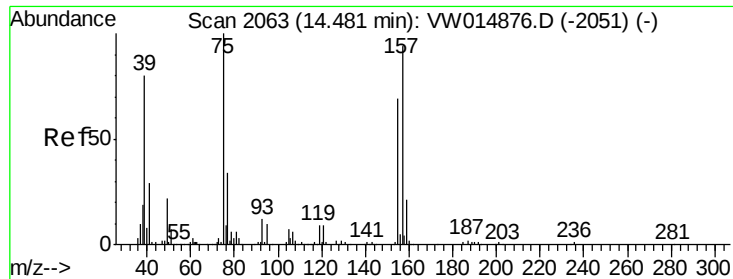
Tgt Ion: 75 Resp: 15536

Ion Ratio Lower Upper

75 100

77 38.5 25.9 38.9

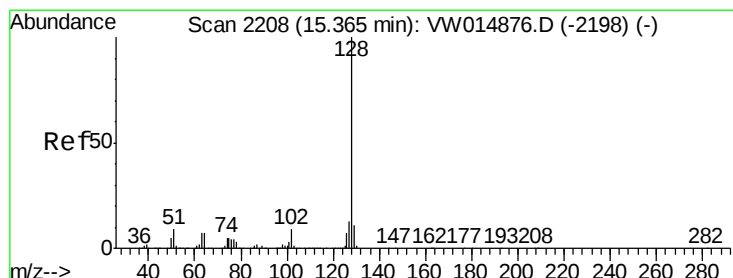
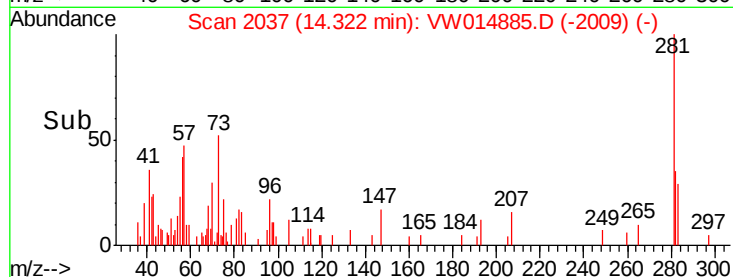
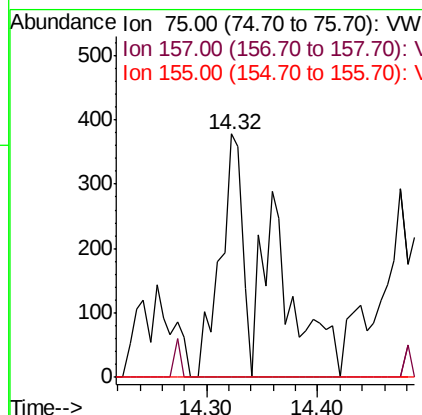
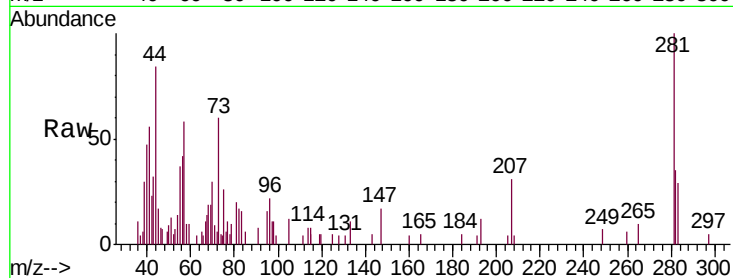




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.891 ug/L
 RT: 14.32 min Scan# 2037
 Delta R.T. -0.16 min
 Lab File: VW014885.D
 Acq: 06 Feb 2020 00:36

Instrument :
 MSVOA_W
 ClientSampleId :
 GAT63

Tgt Ion: 75 Resp: 1093
 Ion Ratio Lower Upper
 75 100
 157 0.0 74.2 111.4#
 155 0.0 56.1 84.1#



#69
 Naphthalene
 Concen: 362.763 ug/L
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW014885.D
 Acq: 06 Feb 2020 00:36

Tgt Ion: 128 Resp: 2992937
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.7 13.1
 127 13.2 10.5 15.7

