

Data File : VW014811.D
Acq On : 30 Jan 2020 14:49
Operator : SY/VA
Sample : L1271-11RE
Misc : 5.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT02

Quant Time: Jan 31 01:11:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 01:08:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	945985	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	818490	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	362669	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	399812	26.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.72%
7) Chloroethane-d5	2.89	69	343696	27.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.00%
10) 1,1-Dichloroethene-d2	4.01	63	589560	21.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.00%
20) 2-Butanone-d5	7.07	46	156397	36.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.52%
24) Chloroform-d	7.64	84	632951	24.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.96%
26) 1,2-Dichloroethane-d4	8.30	65	321979	22.90	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.60%
29) Benzene-d6	8.27	84	1308630	25.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.60%
33) 1,2-Dichloropropane-d6	9.27	67	349857	21.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.40%
37) Toluene-d8	10.32	98	1034208	22.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.16%
38) trans-1,3-Dichloropropene-	10.57	79	125876	19.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.92%
39) 2-Hexanone-d5	10.92	63	92141	30.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.32%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	203792	16.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	64.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	310558	21.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.40%

Target Compounds

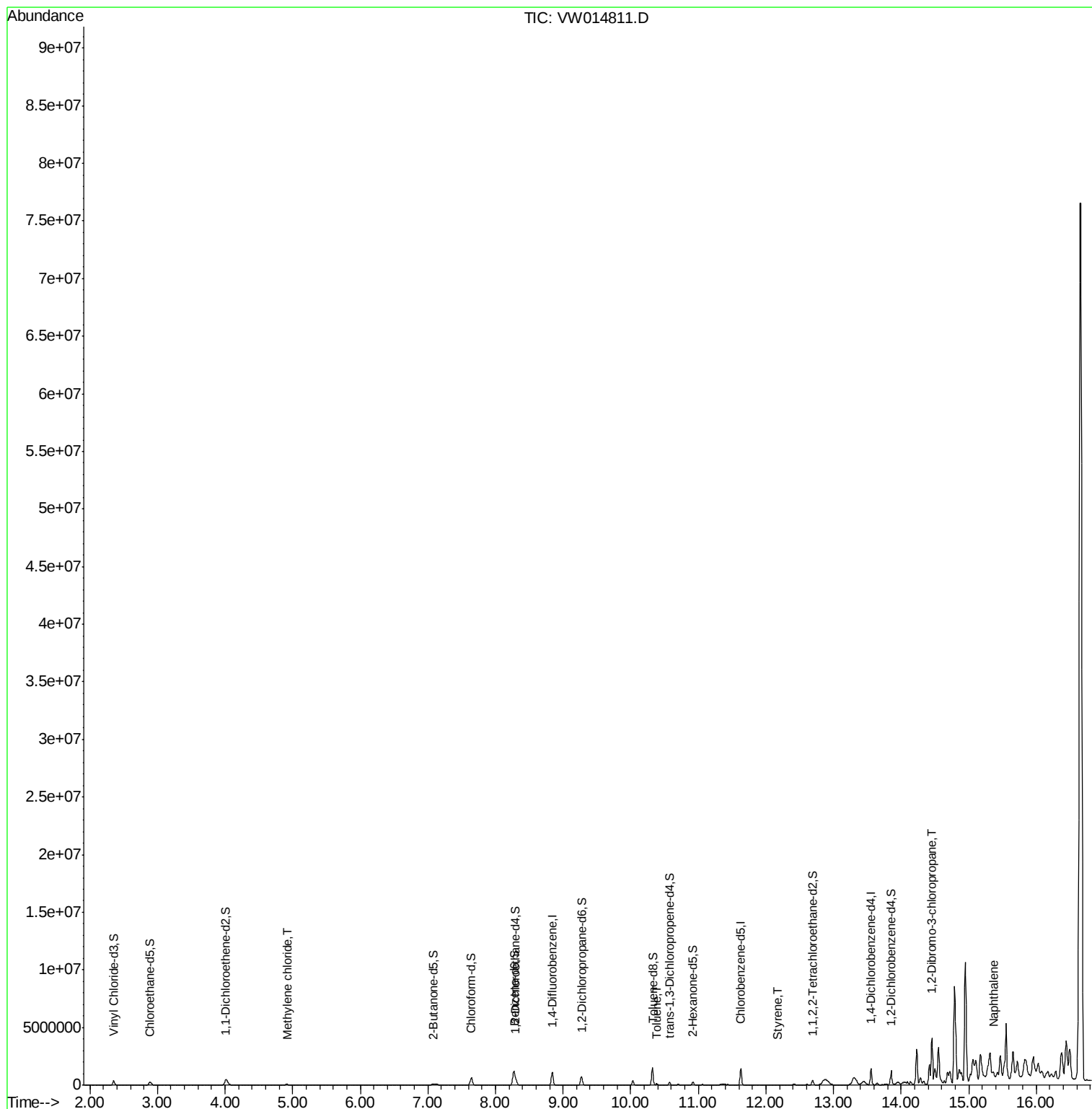
					Qvalue
16) Methylene chloride	4.92	84	45942	2.874 ug/L	90
44) Toluene	10.38	91	97823	1.837 ug/L	97
56) Styrene	12.18	104	10587	0.306 ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.46	75	27064	15.494 ug/L #	2
69) Naphthalene	15.36	128	158529	6.810 ug/L #	83

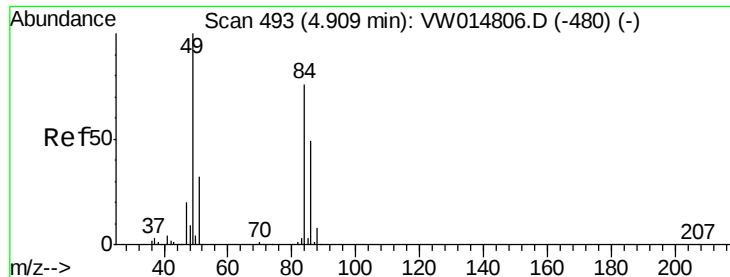
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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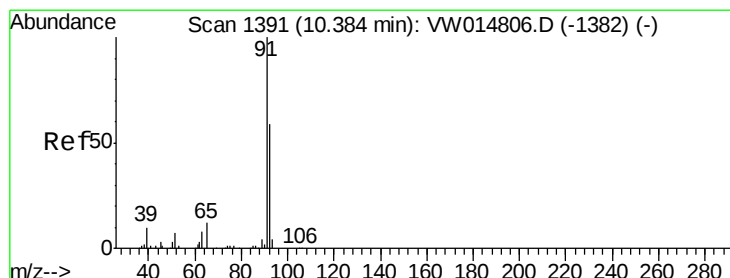
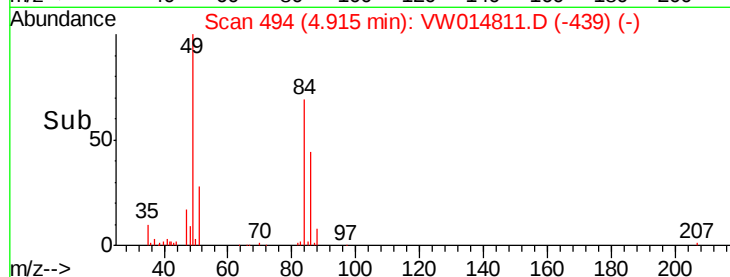
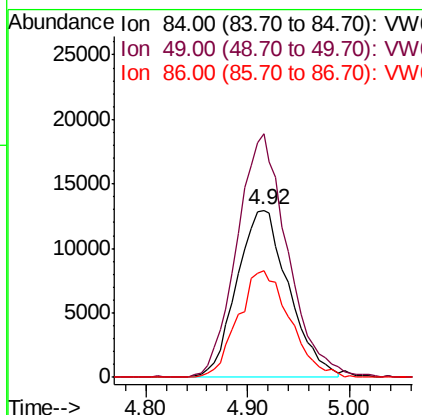
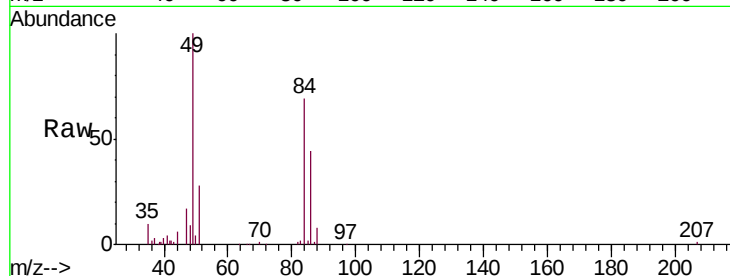




#16
Methylene chloride
Concen: 2.874 ug/L
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW014811.D
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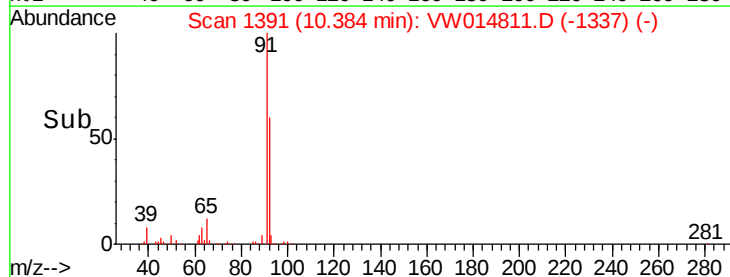
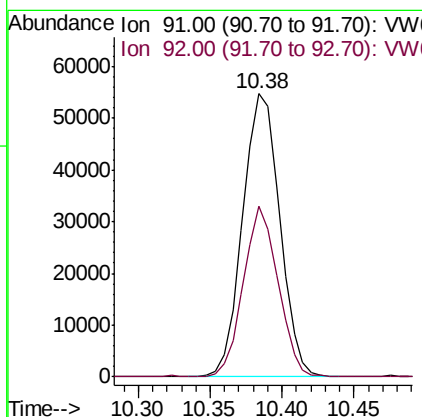
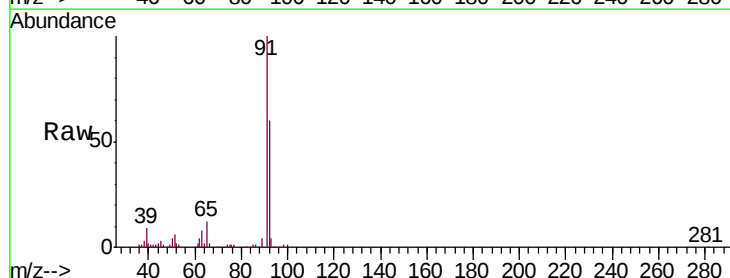
Instrument :
MSVOA_W
ClientSampled :
GAT02

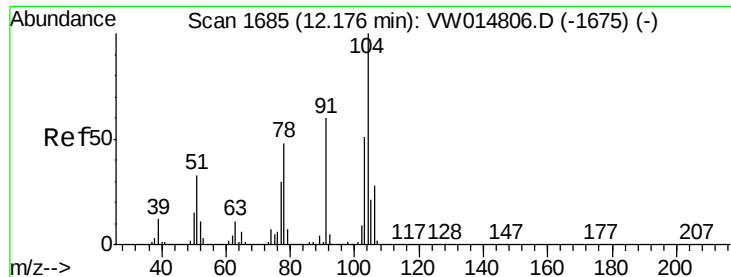
Tgt Ion: 84 Resp: 45942
Ion Ratio Lower Upper
84 100
49 145.5 90.9 168.7
86 63.7 43.5 80.7



#44
Toluene
Concen: 1.837 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW014811.D
Acq: 30 Jan 2020 14:49

Tgt Ion: 91 Resp: 97823
Ion Ratio Lower Upper
91 100
92 60.3 40.7 75.7





#56

Styrene

Concen: 0.306 ug/L

RT: 12.18 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VW014811.D

Acq: 30 Jan 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

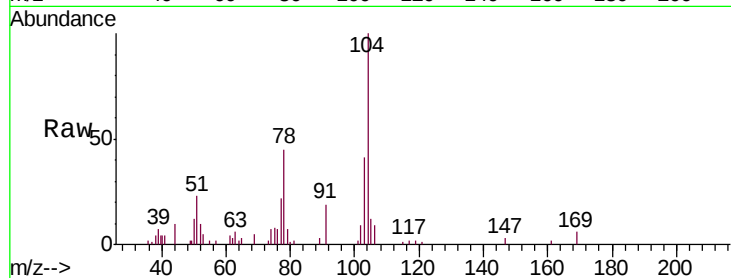
GAT02

Tgt Ion: 104 Resp: 10587

Ion Ratio Lower Upper

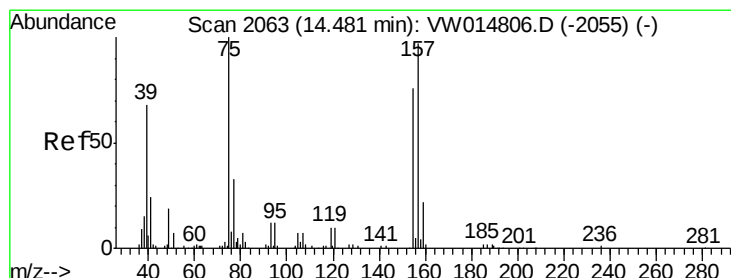
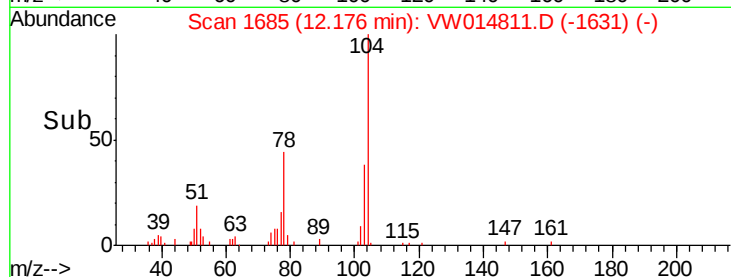
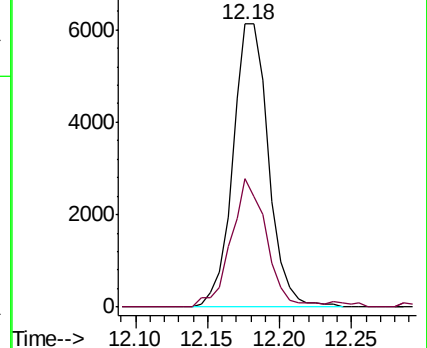
104 100

78 45.4 32.0 59.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VW



#66

1,2-Dibromo-3-chloropropane

Concen: 15.494 ug/L

RT: 14.46 min Scan# 2059

Delta R.T. -0.02 min

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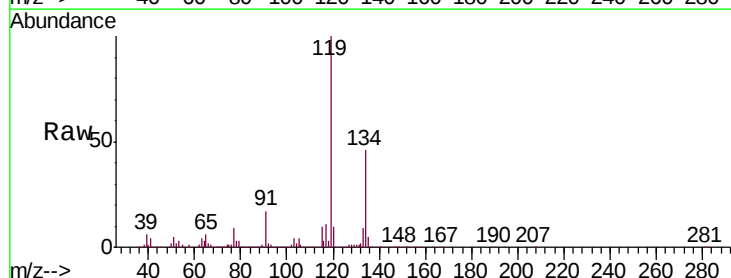
Tgt Ion: 75 Resp: 27064

Ion Ratio Lower Upper

75 100

157 0.0 84.9 127.3#

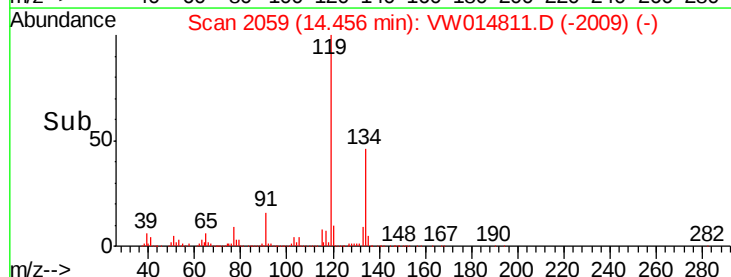
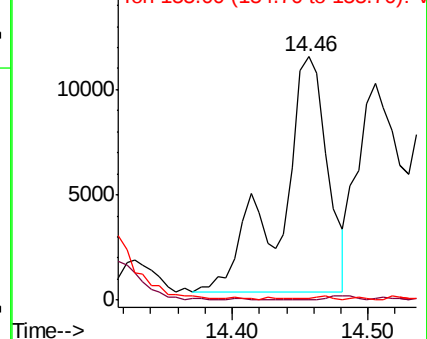
155 1.3 67.1 100.7#

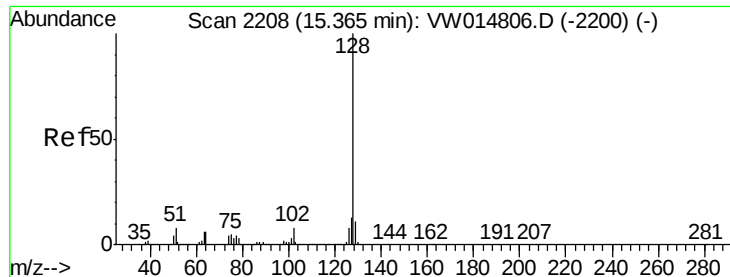


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V





#69

Naphthalene

Concen: 6.810 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VW014811.D

Acq: 30 Jan 2020 14:49

Instrument :

MSVOA_W

ClientSampleId :

GAT02

Tgt Ion:128 Resp: 158529

Ion Ratio Lower Upper

128 100

129 0.0 8.6 13.0#

127 16.1 10.5 15.7#

