

Data File : VW010097.D
Acq On : 23 Apr 2019 13:39
Operator : SY/VA
Sample : K2481-03
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHT8

Quant Time: Apr 24 03:54:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 24 03:51:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	705105	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	598943	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	217230	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	132628	19.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.60%
7) Chloroethane-d5	2.89	69	115677	17.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.56%
10) 1,1-Dichloroethene-d2	4.01	63	280528	15.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.72%
20) 2-Butanone-d5	7.07	46	145814	40.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.90%
24) Chloroform-d	7.64	84	407452	19.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.96%
26) 1,2-Dichloroethane-d4	8.31	65	237754	18.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.20%
29) Benzene-d6	8.27	84	770094	23.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.60%
33) 1,2-Dichloropropane-d6	9.27	67	249034	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.00%
37) Toluene-d8	10.32	98	652268	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.88%
38) trans-1,3-Dichloropropene-	10.58	79	98019	19.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.88%
39) 2-Hexanone-d5	10.93	63	104968	45.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.36%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	183726	18.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.92%
61) 1,2-Dichlorobenzene-d4	13.86	152	170030	20.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.28%

Target Compounds

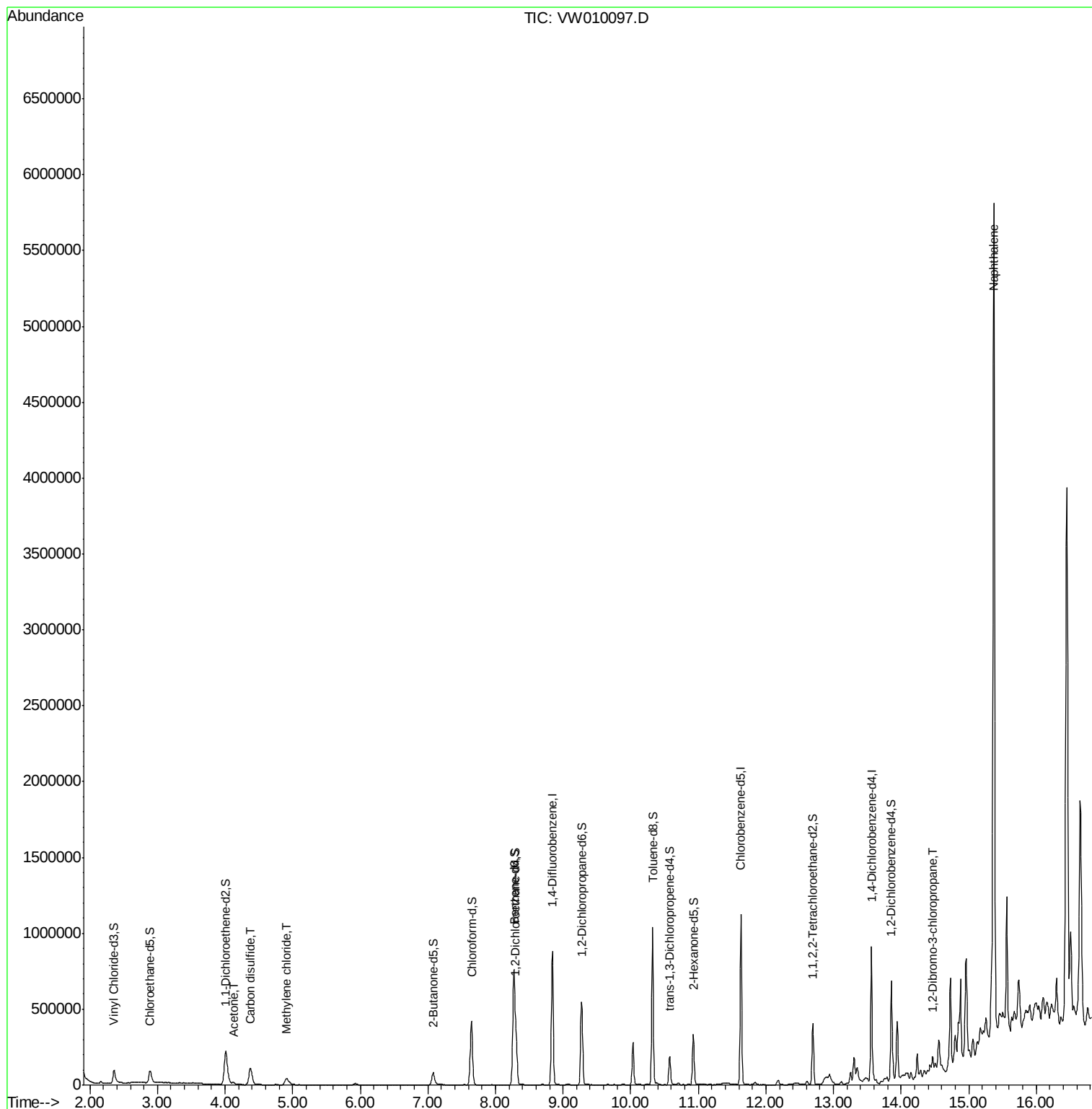
					Qvalue
13) Acetone	4.12	43	23089	7.203 ug/L	98
14) Carbon disulfide	4.37	76	245822	10.187 ug/L	98
16) Methylene chloride	4.91	84	38621	3.025 ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.47	75	1631	1.252 ug/L #	8
69) Naphthalene	15.37	128	4725773	279.588 ug/L	100

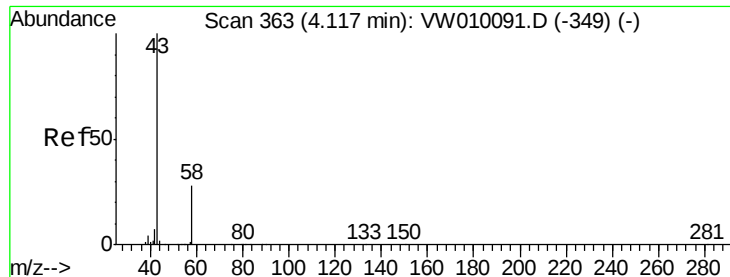
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.203 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

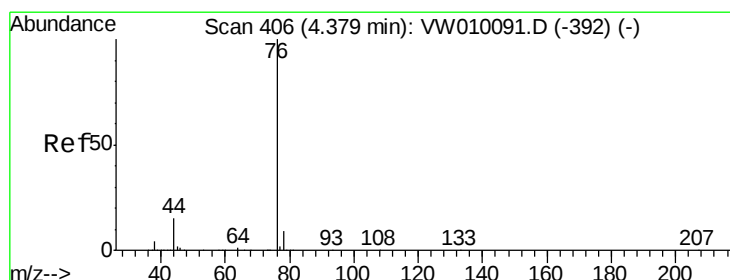
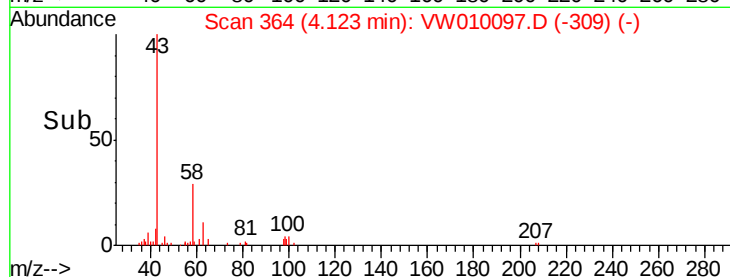
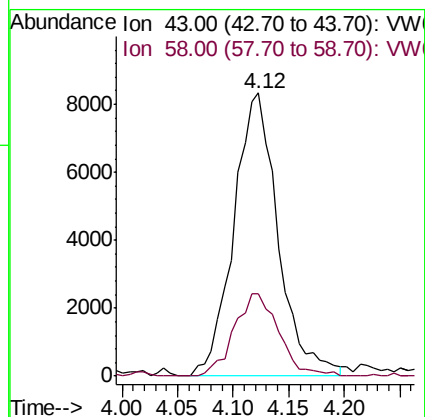
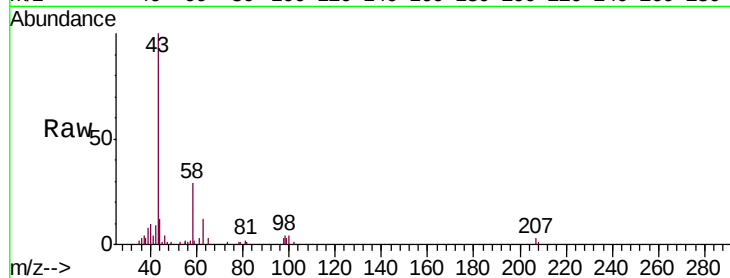
GAHT8

Tgt Ion: 43 Resp: 23089

Ion Ratio Lower Upper

43 100

58 29.1 0.0 56.2



#14

Carbon disulfide

Concen: 10.187 ug/L

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

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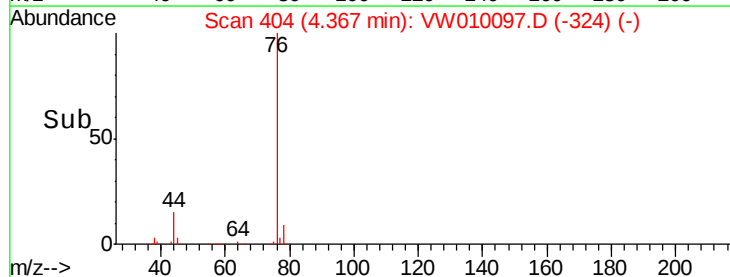
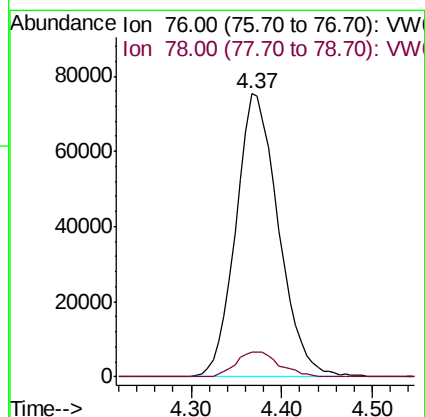
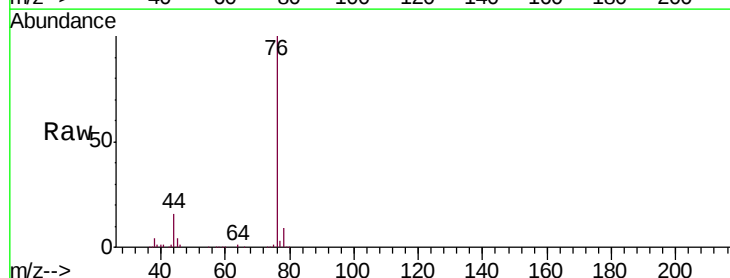
Acq: 23 Apr 2019 13:39

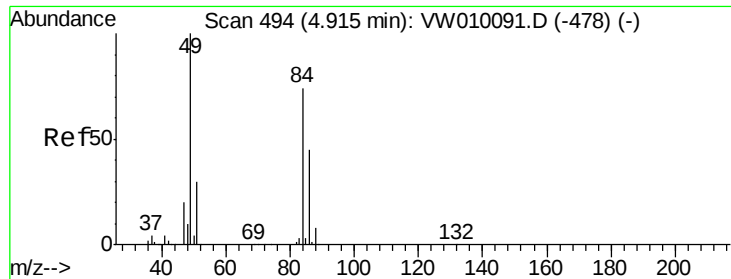
Tgt Ion: 76 Resp: 245822

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

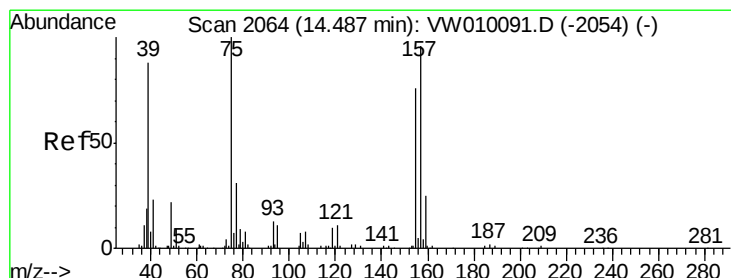
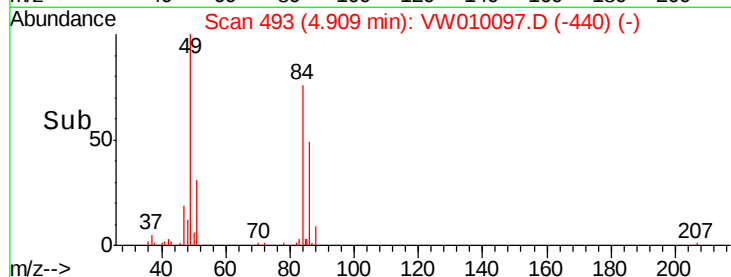
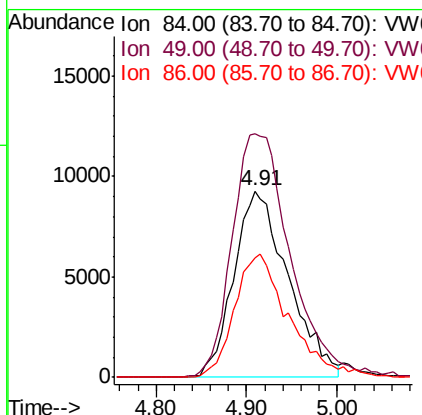
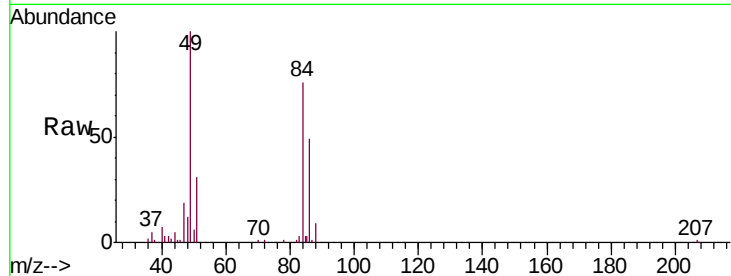




#16
Methylene chloride
Concen: 3.025 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
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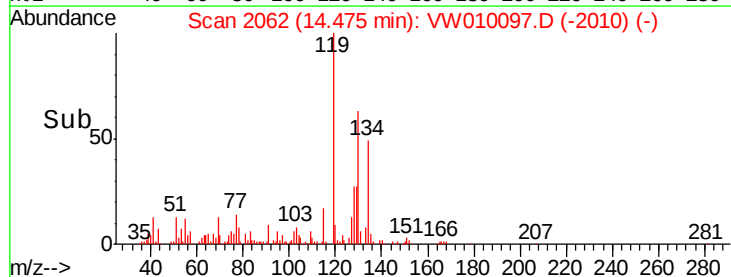
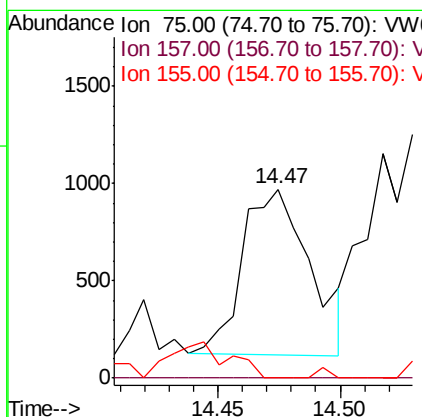
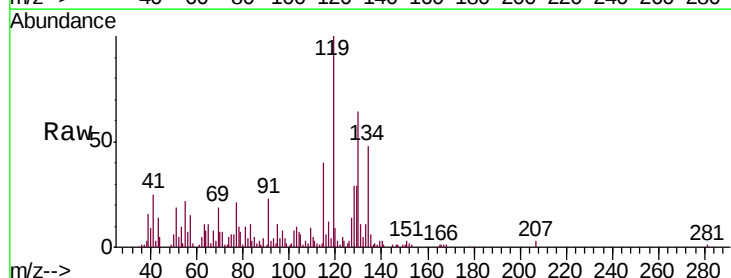
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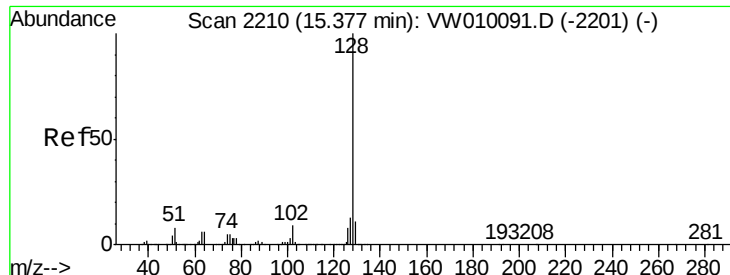
Tgt Ion: 84 Resp: 38621
Ion Ratio Lower Upper
84 100
49 130.8 100.7 187.1
86 63.9 43.8 81.3



#66
1,2-Dibromo-3-chloropropane
Concen: 1.252 ug/L
RT: 14.47 min Scan# 2062
Delta R.T. -0.01 min
Lab File: VW010097.D
Acq: 23 Apr 2019 13:39

Tgt Ion: 75 Resp: 1631
Ion Ratio Lower Upper
75 100
157 0.0 73.3 109.9#
155 0.0 58.6 88.0#





#69

Naphthalene

Concen: 279.588 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.01 min

Lab File: VW010097.D

Acq: 23 Apr 2019 13:39

Instrument :

MSVOA_W

ClientSampleId :

GAHT8

Tgt Ion:128 Resp: 4725773

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 13.3 10.6 16.0

