

Data File : VW010093.D
Acq On : 23 Apr 2019 11:17
Operator : SY/VA
Sample : K2481-04
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHT9RE

Quant Time: Apr 24 03:54:16 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	275946	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	263285	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	104148	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	66652	25.56	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.24%
7) Chloroethane-d5	2.89	69	54855	20.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.08%
10) 1,1-Dichloroethene-d2	4.01	63	144819	20.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.08%
20) 2-Butanone-d5	7.08	46	44879	31.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.62%
24) Chloroform-d	7.65	84	180364	22.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.44%
26) 1,2-Dichloroethane-d4	8.30	65	101822	20.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.28%
29) Benzene-d6	8.27	84	339879	23.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.96%
33) 1,2-Dichloropropane-d6	9.27	67	106613	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.52%
37) Toluene-d8	10.32	98	279209	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.60%
38) trans-1,3-Dichloropropene-	10.58	79	39657	18.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.60%
39) 2-Hexanone-d5	10.93	63	27598	27.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.06%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	75937	17.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	94615	24.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.68%

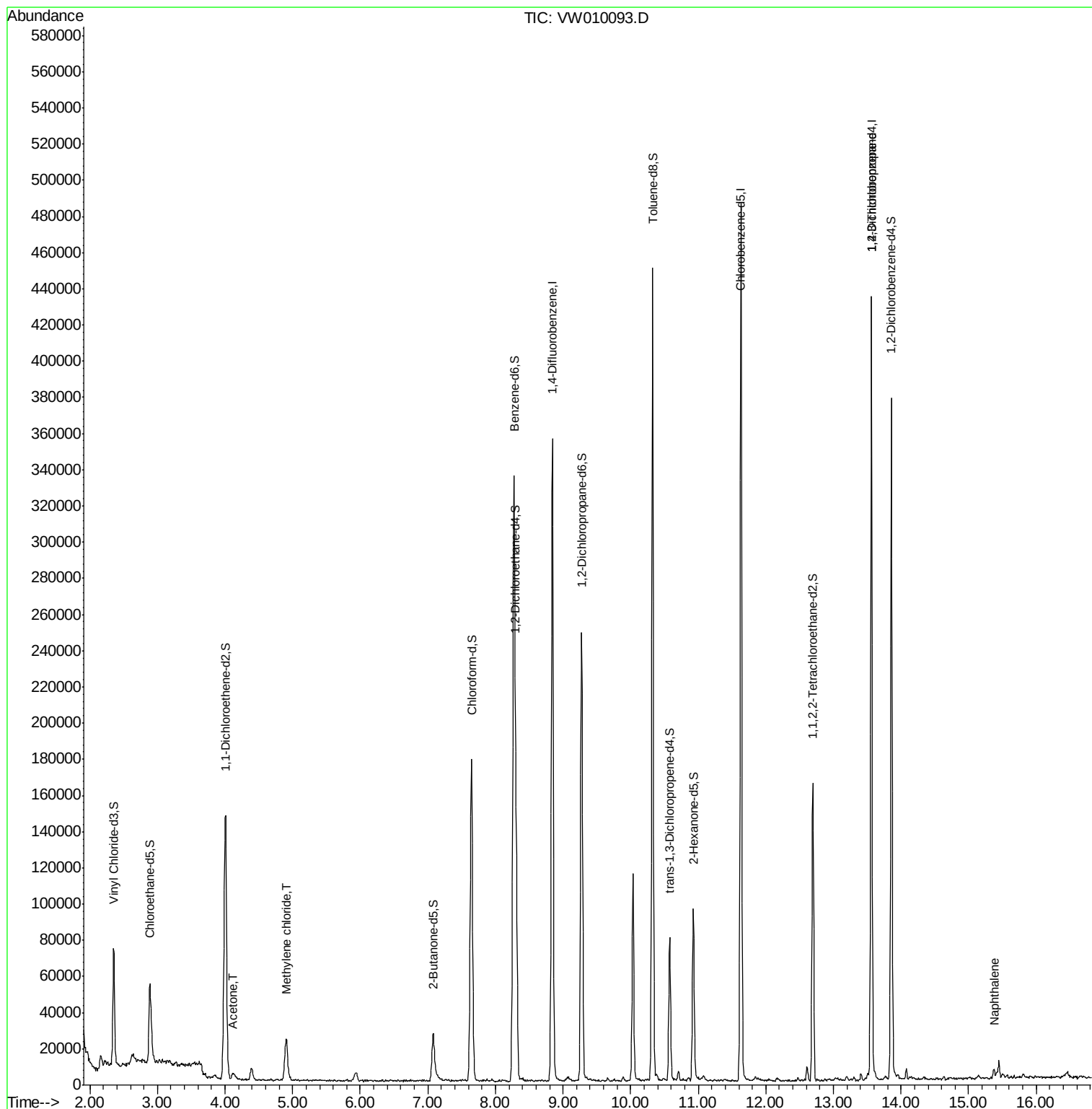
Target Compounds					Qvalue
13) Acetone	4.12	43	2406	1.918 ug/L	93
16) Methylene chloride	4.90	84	15587	3.120 ug/L	93
59) 1,2,3-Trichloropropane	13.56	75	13471	4.277 ug/L	89
69) Naphthalene	15.38	128	4701	0.580 ug/L #	93

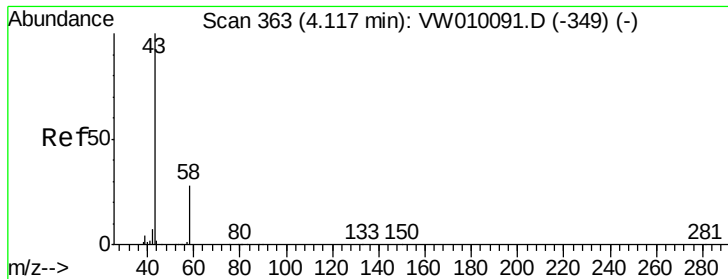
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.918 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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ClientSampleId :

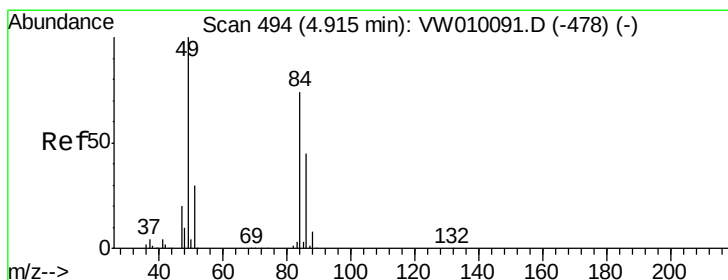
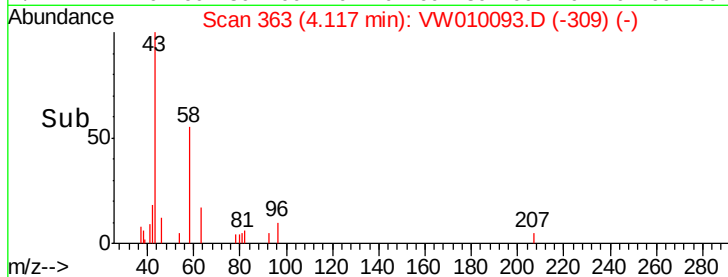
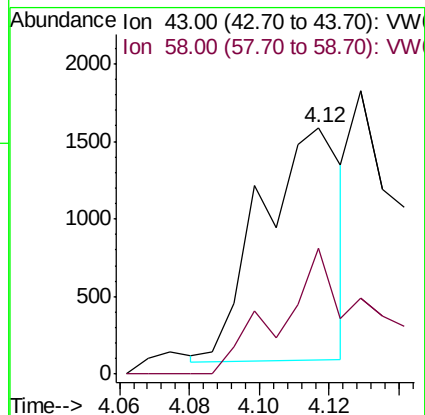
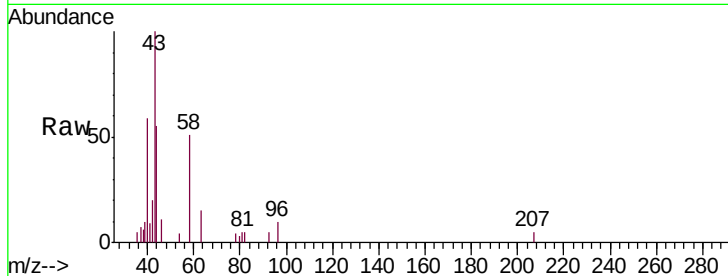
GAHT9RE

Tgt Ion: 43 Resp: 2406

Ion Ratio Lower Upper

43 100

58 24.6 0.0 56.2



#16

Methylene chloride

Concen: 3.120 ug/L

RT: 4.90 min Scan# 491

Delta R.T. -0.02 min

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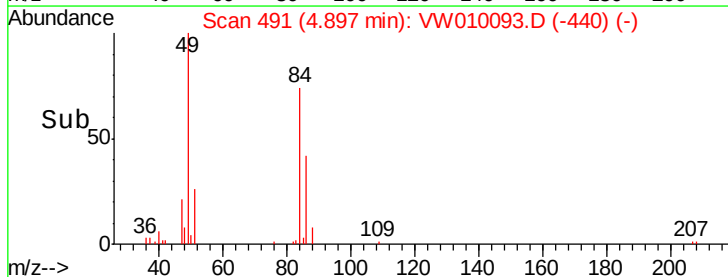
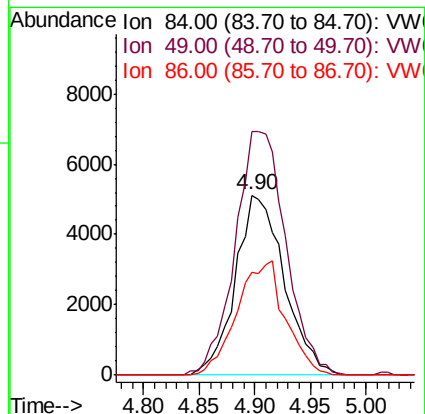
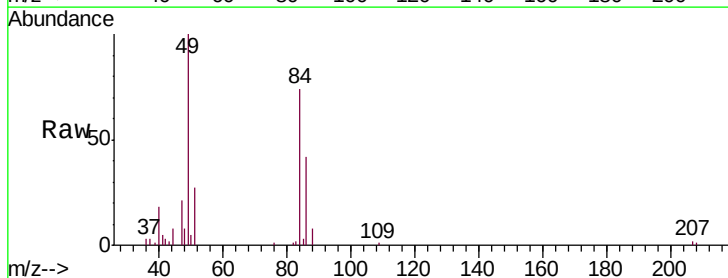
Tgt Ion: 84 Resp: 15587

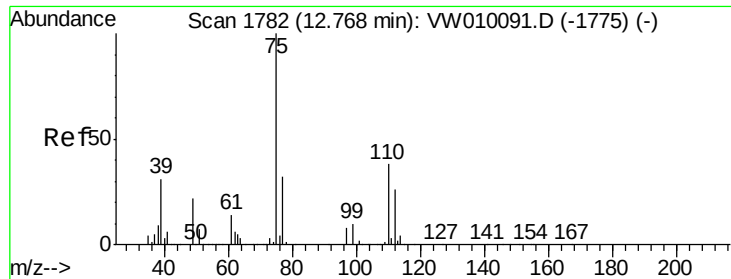
Ion Ratio Lower Upper

84 100

49 135.2 100.7 187.1

86 57.1 43.8 81.3

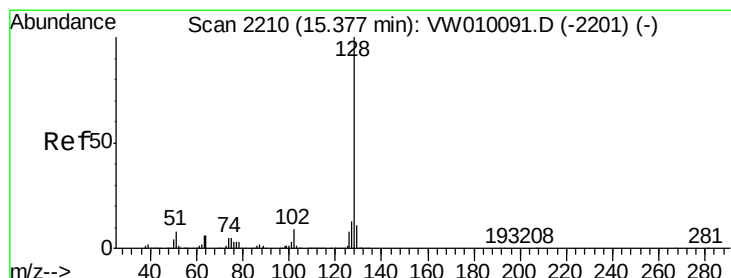
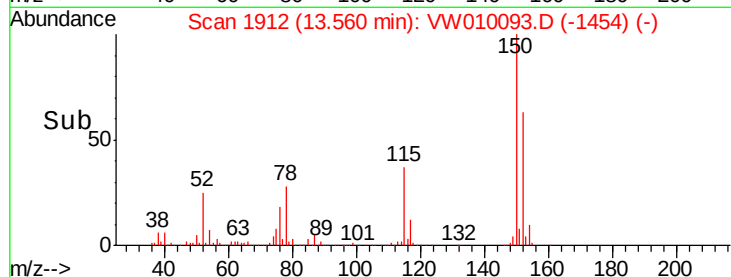
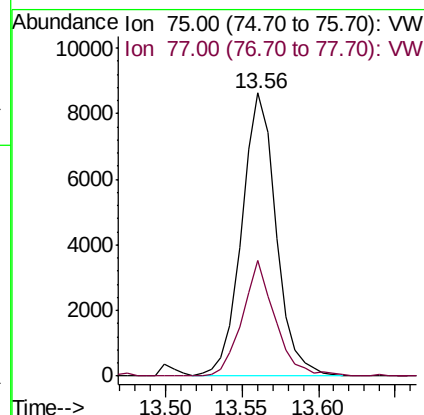
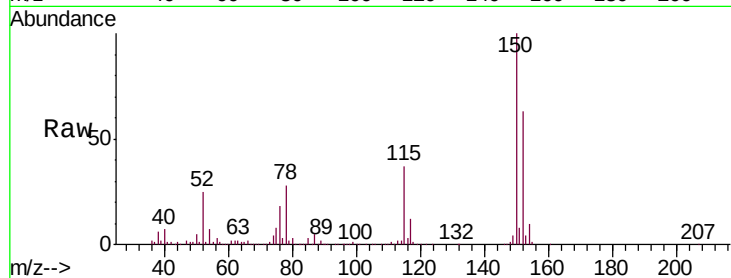




#59
 1,2,3-Trichloropropane
 Concen: 4.277 ug/L
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.79 min
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Tgt Ion: 75 Resp: 13471
 Ion Ratio Lower Upper
 75 100
 77 38.4 25.8 38.6



#69
 Naphthalene
 Concen: 0.580 ug/L
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.00 min
 Lab File: VW010093.D
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Tgt Ion: 128 Resp: 4701
 Ion Ratio Lower Upper
 128 100
 129 7.5 8.6 12.8#
 127 10.8 10.6 16.0

