

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010145.D
 Acq On : 25 Apr 2019 16:11
 Operator : SY/VA
 Sample : K2481-16
 Misc : 5.08G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHW9

Quant Time: Apr 26 01:08:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 01:05:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	560022	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	529081	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	230508	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	120805	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.28%
7) Chloroethane-d5	2.89	69	103654	23.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.72%
10) 1,1-Dichloroethene-d2	4.20	63	178	0.01	ug/L	0.18
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.07	46	83222	32.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.84%
24) Chloroform-d	7.65	84	331549	22.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.96%
26) 1,2-Dichloroethane-d4	8.31	65	173983	19.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.80%
29) Benzene-d6	8.27	84	668061	22.29	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.16%
33) 1,2-Dichloropropane-d6	9.27	67	205347	21.98	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.92%
37) Toluene-d8	10.32	98	599243	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.08%
38) trans-1,3-Dichloropropene-	10.58	79	77796	18.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.28%
39) 2-Hexanone-d5	10.93	63	62972	32.08	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	148615	19.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.64%
61) 1,2-Dichlorobenzene-d4	13.86	152	205200	24.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.16%

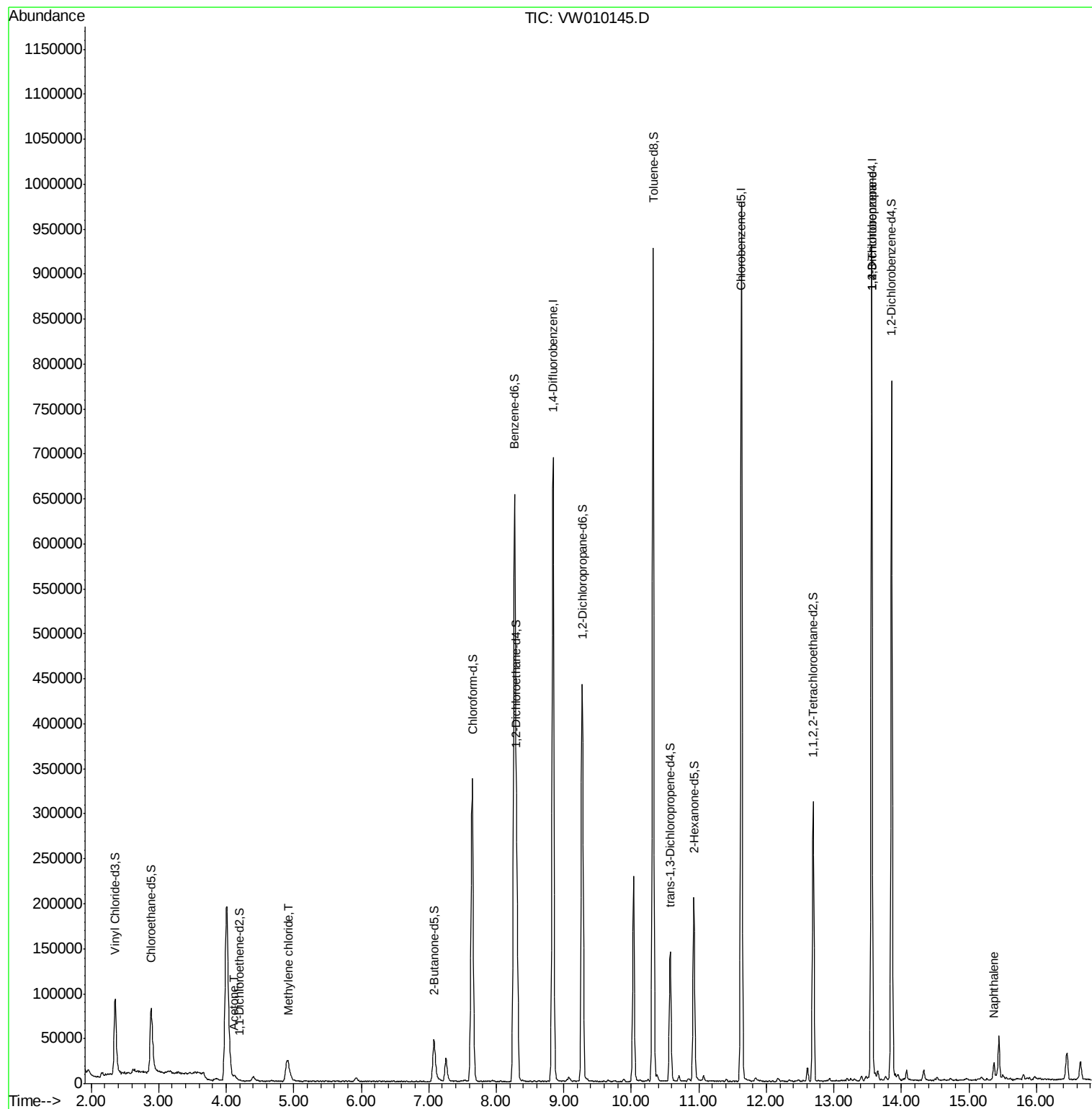
Target Compounds					Qvalue
13) Acetone	4.12	43	5357	2.808 ug/L	81
16) Methylene chloride	4.92	84	22219	2.831 ug/L	92
59) 1,2,3-Trichloropropane	13.56	75	28896	5.003 ug/L	92
69) Naphthalene	15.37	128	16289	0.754 ug/L	99

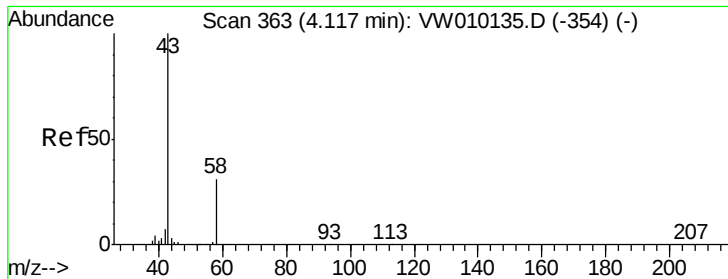
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.808 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

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Acq: 25 Apr 2019 16:11

Instrument :

MSVOA_W

ClientSampled :

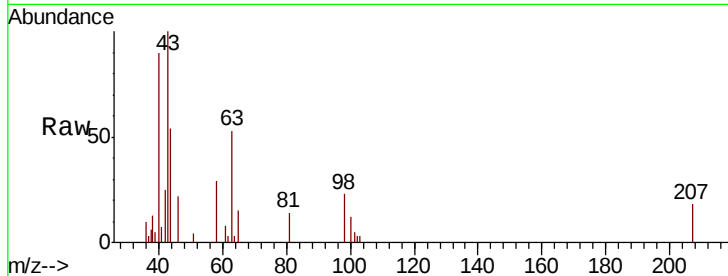
GAHW9

Tgt Ion: 43 Resp: 5357

Ion Ratio Lower Upper

43 100

58 18.9 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

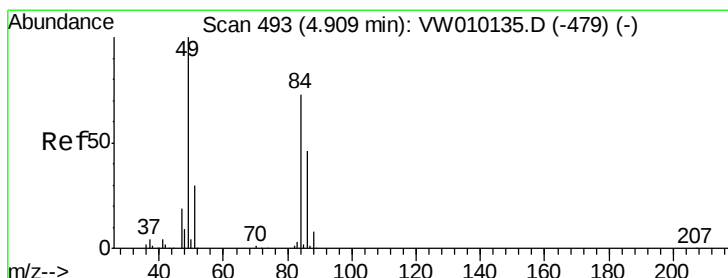
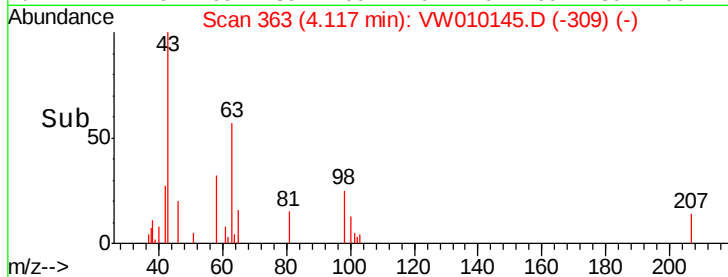
1000

500

0

4.05 4.10 4.15 4.20

Time-->



#16

Methylene chloride

Concen: 2.831 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.00 min

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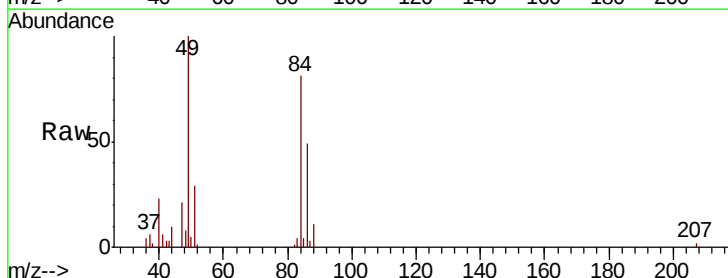
Tgt Ion: 84 Resp: 22219

Ion Ratio Lower Upper

84 100

49 123.1 93.5 173.7

86 59.7 44.9 83.5



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

10000

8000

6000

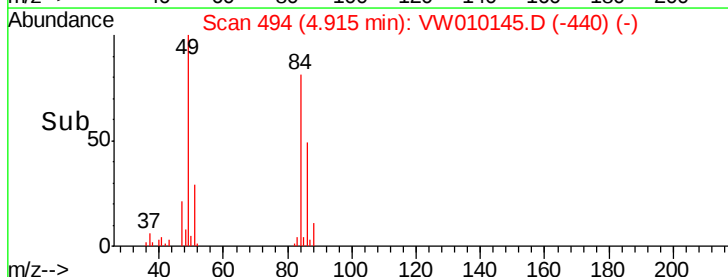
4000

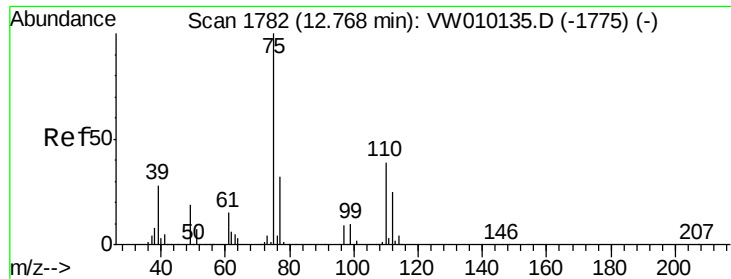
2000

0

4.80 4.90 5.00

Time-->





#59

1,2,3-Trichloropropane

Concen: 5.003 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

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ClientSampleId :

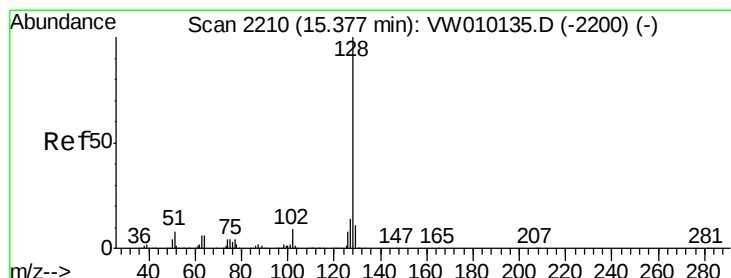
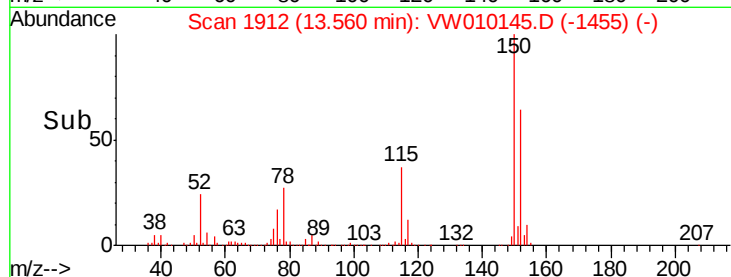
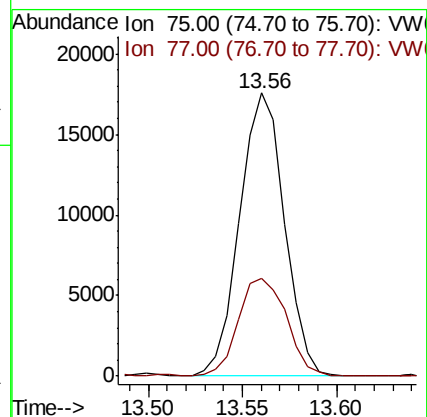
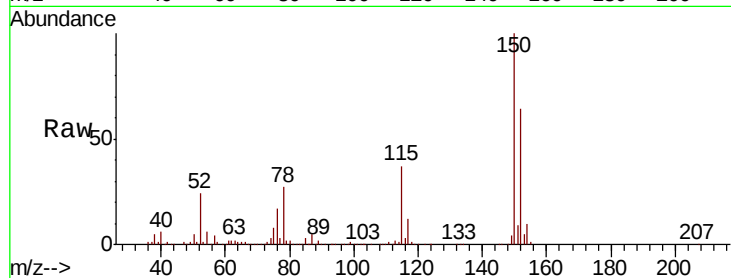
GAHW9

Tgt Ion: 75 Resp: 28896

Ion Ratio Lower Upper

75 100

77 37.3 26.1 39.1



#69

Naphthalene

Concen: 0.754 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010145.D

Acq: 25 Apr 2019 16:11

Tgt Ion: 128 Resp: 16289

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 12.9 10.8 16.2

