

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042219\
 Data File : VW010085.D
 Acq On : 22 Apr 2019 17:03
 Operator : SY/VA
 Sample : K2455-14
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR4

Quant Time: Apr 23 06:09:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 06:06:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	837626	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	778968	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	376931	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	155582	19.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.64%
7) Chloroethane-d5	2.89	69	132559	16.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.12%
10) 1,1-Dichloroethene-d2	4.01	63	331333	15.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.36%
20) 2-Butanone-d5	7.08	46	183910	42.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.90%
24) Chloroform-d	7.65	84	474939	19.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.44%
26) 1,2-Dichloroethane-d4	8.30	65	289084	19.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.96%
29) Benzene-d6	8.27	84	925809	21.63	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.52%
33) 1,2-Dichloropropane-d6	9.27	67	294588	21.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.40%
37) Toluene-d8	10.32	98	832584	21.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.28%
38) trans-1,3-Dichloropropene-	10.58	79	126994	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.56%
39) 2-Hexanone-d5	10.93	63	137875	45.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	254666	19.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	309548	21.85	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.40%

Target Compounds

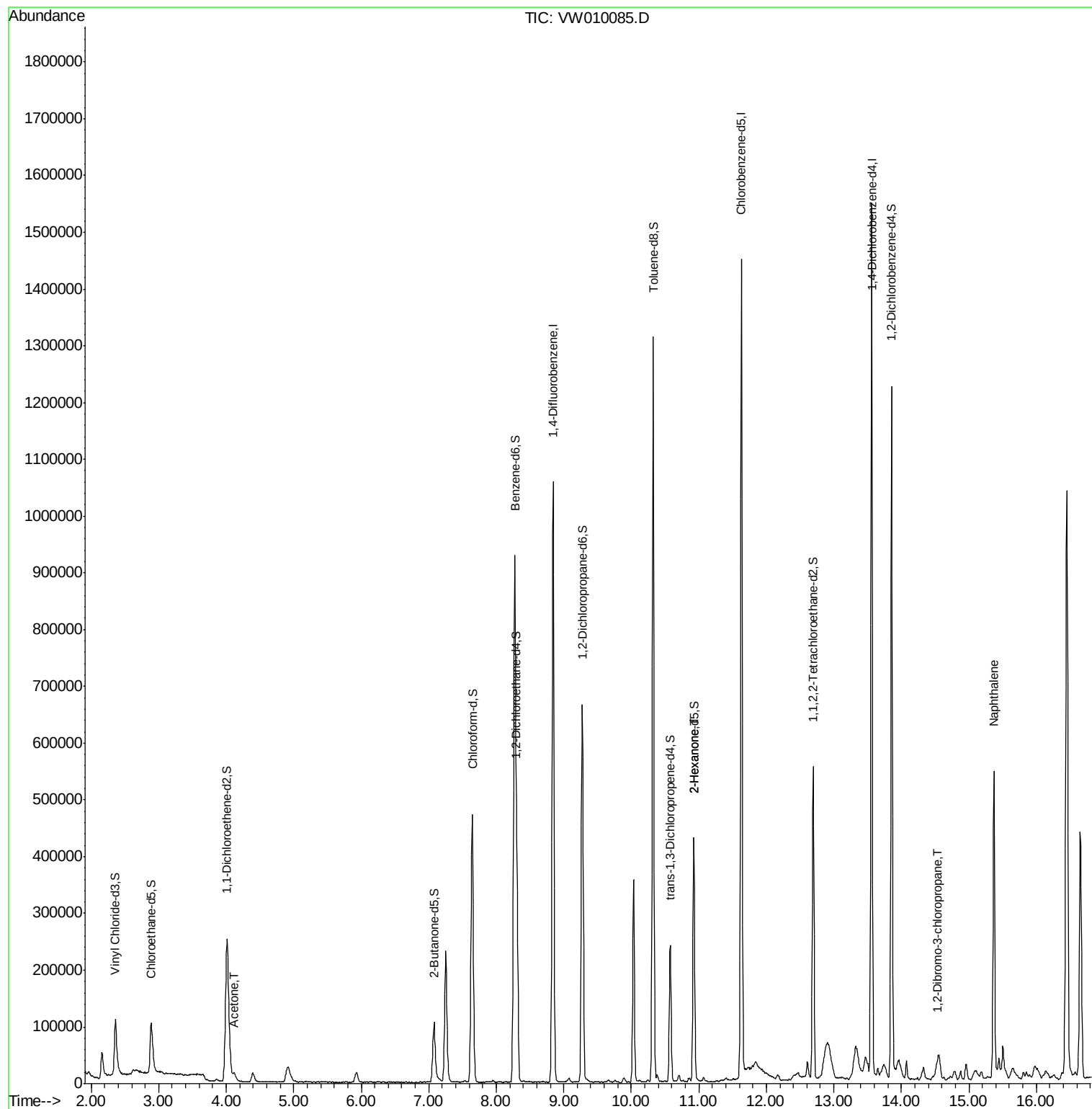
					Qvalue
13) Acetone	4.11	43	19465	5.112 ug/L	99
49) 2-Hexanone	10.92	43	18969	2.671 ug/L #	67
66) 1,2-Dibromo-3-chloropropan	14.54	75	3352	1.482 ug/L #	8
69) Naphthalene	15.37	128	446555	15.226 ug/L	99

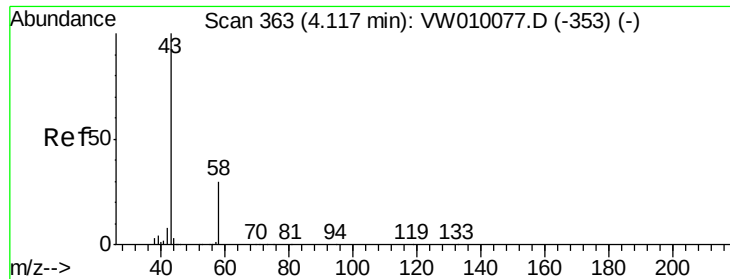
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.112 ug/L

RT: 4.11 min Scan# 362

Delta R.T. -0.01 min

Lab File: VW010085.D

Acq: 22 Apr 2019 17:03

Instrument :

MSVOA_W

ClientSampleId :

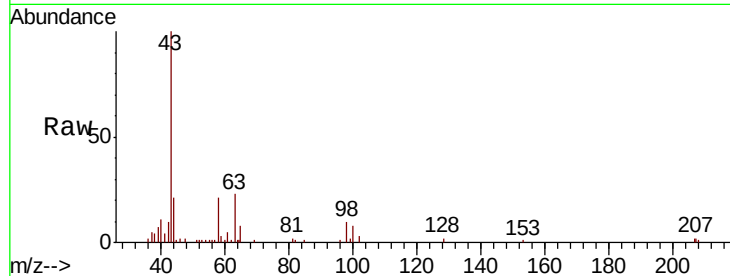
GAHR4

Tgt Ion: 43 Resp: 19465

Ion Ratio Lower Upper

43 100

58 28.6 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

8000

6000

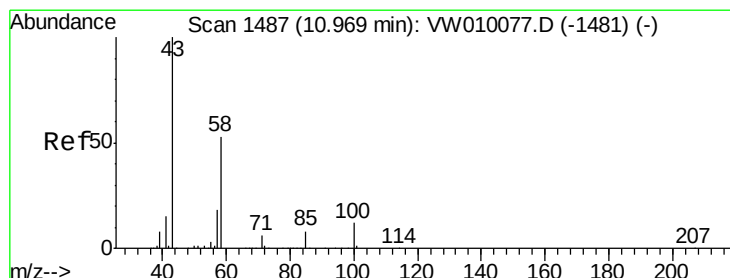
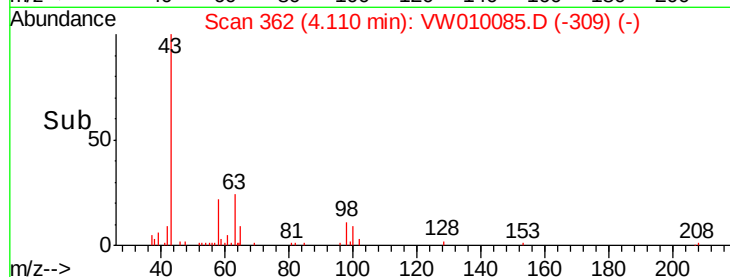
4000

2000

0

4.05 4.10 4.15 4.20

Time-->



#49

2-Hexanone

Concen: 2.671 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW010085.D

Acq: 22 Apr 2019 17:03

Tgt Ion: 43 Resp: 18969

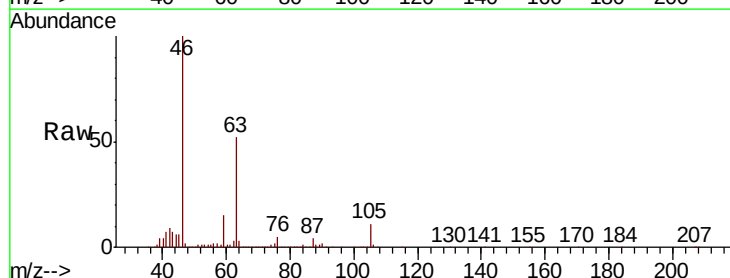
Ion Ratio Lower Upper

43 100

58 20.8 39.8 59.8#

57 22.1 14.1 21.1#

100 0.3 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

15000

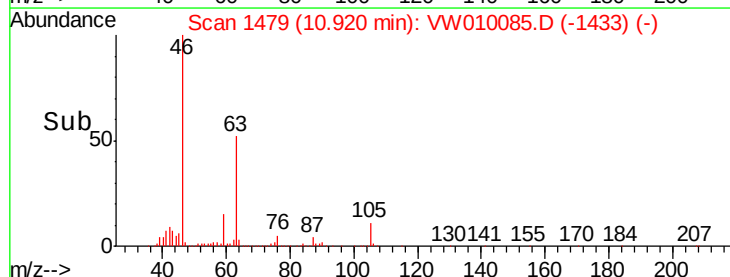
10000

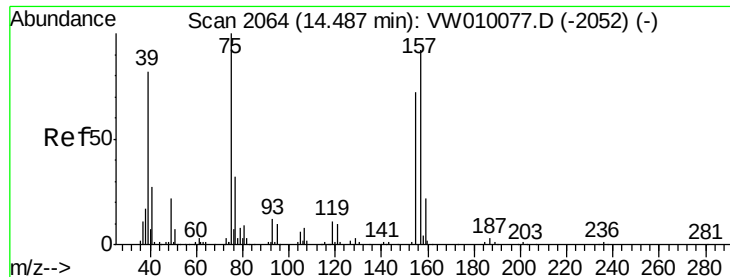
5000

0

10.85 10.90 10.95 11.00

Time-->

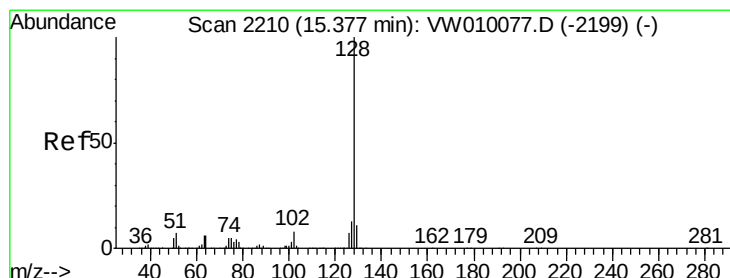
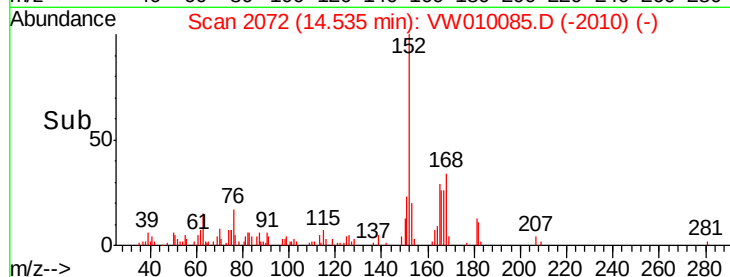
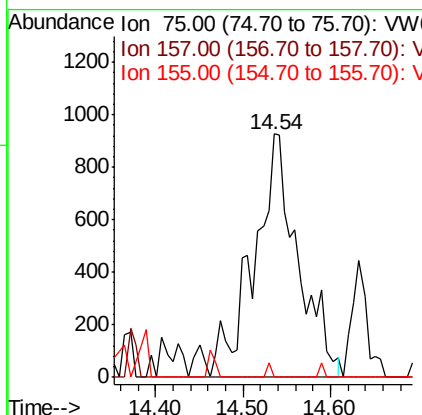
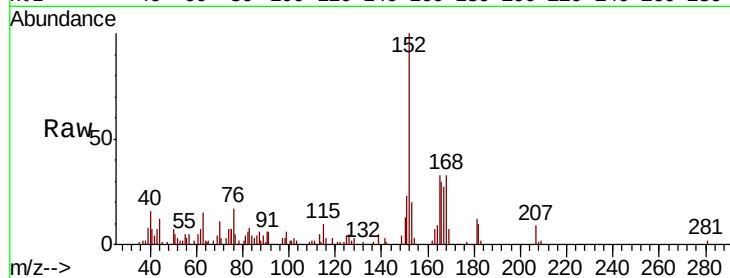




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.482 ug/L
 RT: 14.54 min Scan# 2072
 Delta R.T. 0.05 min
 Lab File: VW010085.D
 Acq: 22 Apr 2019 17:03

Instrument :
 MSVOA_W
 ClientSampled :
 GAHR4

Tgt Ion: 75 Resp: 3352
 Ion Ratio Lower Upper
 75 100
 157 0.0 73.3 109.9#
 155 0.0 58.6 88.0#



#69
 Naphthalene
 Concen: 15.226 ug/L
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: VW010085.D
 Acq: 22 Apr 2019 17:03

Tgt Ion: 128 Resp: 446555
 Ion Ratio Lower Upper
 128 100
 129 11.0 8.6 12.8
 127 13.2 10.6 16.0

