

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010125.D
 Acq On : 25 Apr 2019 01:56
 Operator : SY/VA
 Sample : K2402-20
 Misc : 5.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Apr 25 03:57:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 03:54:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	821685	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	784058	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	351137	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	187243	23.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.36%
7) Chloroethane-d5	2.89	69	157763	24.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.24%
10) 1,1-Dichloroethene-d2	4.01	63	391973	17.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.00%
20) 2-Butanone-d5	7.07	46	189146	50.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.98%
24) Chloroform-d	7.65	84	538548	24.62	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.48%
26) 1,2-Dichloroethane-d4	8.31	65	318314	24.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.52%
29) Benzene-d6	8.27	84	1119561	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
33) 1,2-Dichloropropane-d6	9.27	67	353106	25.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.04%
37) Toluene-d8	10.32	98	1010687	25.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.24%
38) trans-1,3-Dichloropropene-	10.58	79	144476	22.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.60%
39) 2-Hexanone-d5	10.93	63	146970	50.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.04%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	281785	24.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	347776	26.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.00%

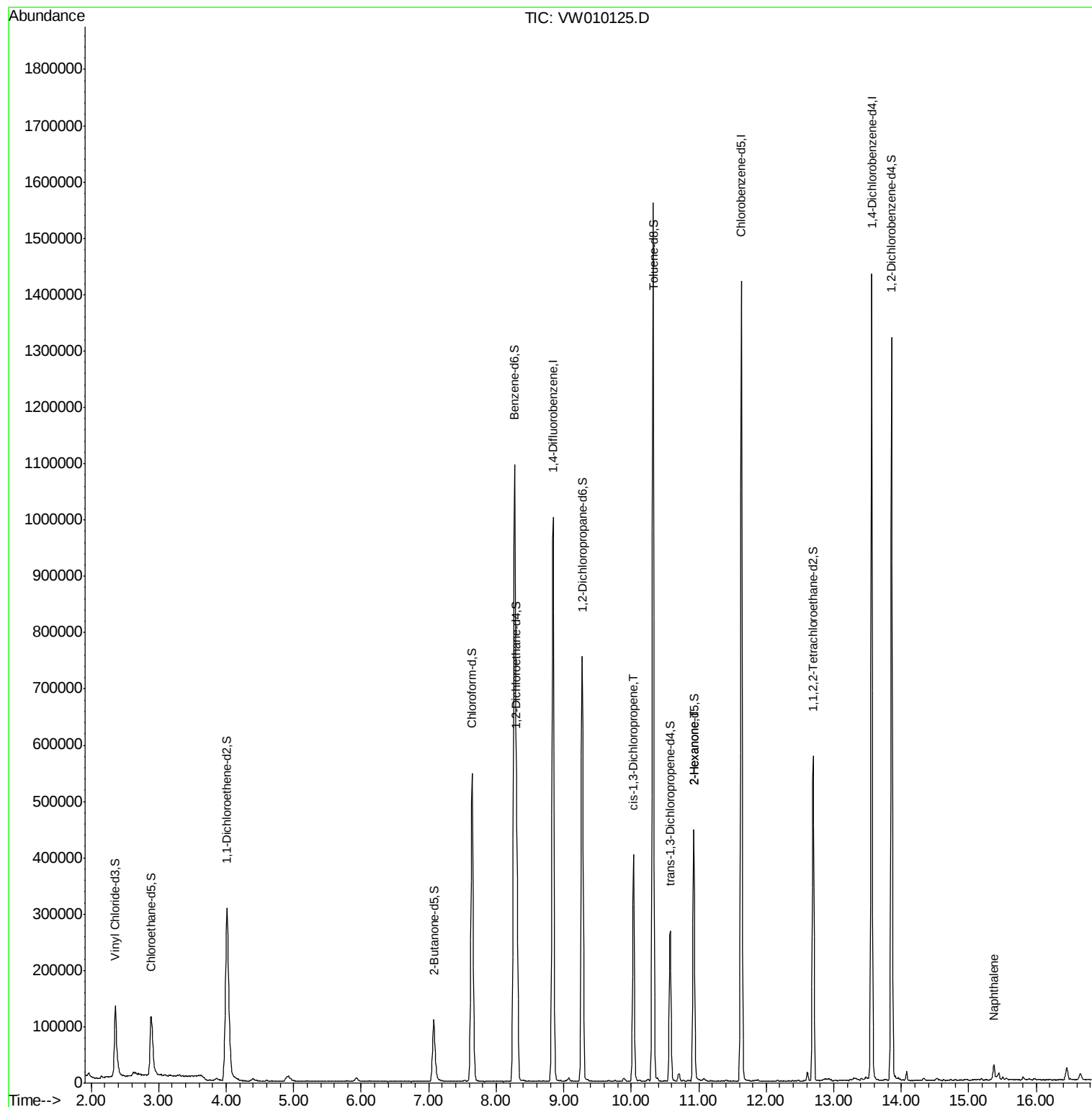
Target Compounds					Qvalue
42) cis-1,3-Dichloropropene	10.03	75	10423	0.545 ug/L #	81
49) 2-Hexanone	10.92	43	18005	2.686 ug/L #	69
69) Naphthalene	15.37	128	23468	0.713 ug/L #	94

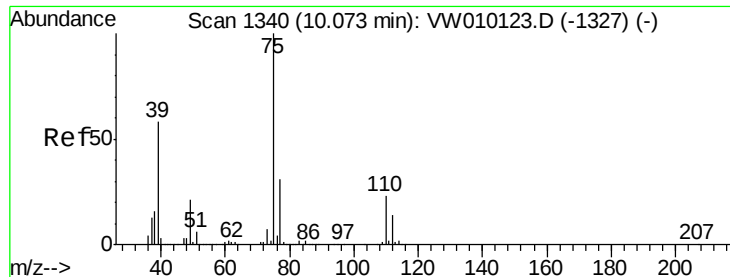
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#42

cis-1,3-Dichloropropene

Concen: 0.545 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW010125.D

Acq: 25 Apr 2019 01:56

Instrument :

MSVOA_W

ClientSampled :

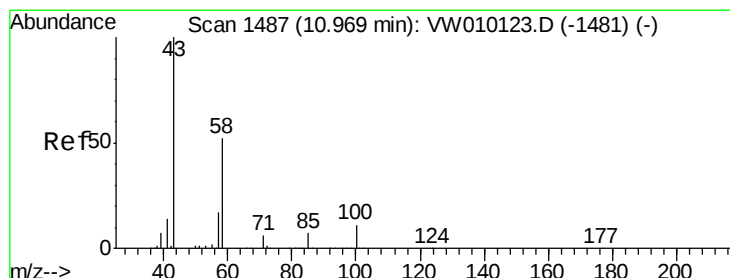
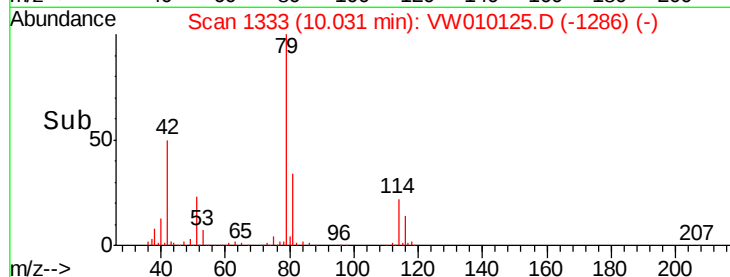
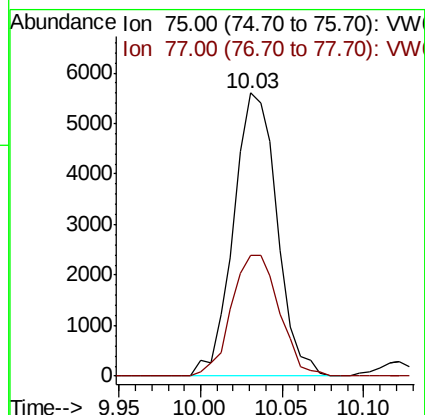
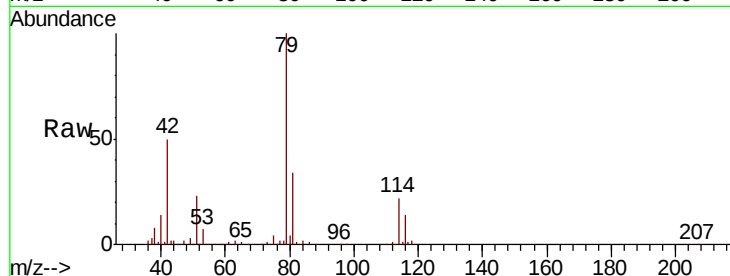
VHBLK01

Tgt Ion: 75 Resp: 10423

Ion Ratio Lower Upper

75 100

77 42.7 22.5 41.7#



#49

2-Hexanone

Concen: 2.686 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

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Tgt Ion: 43 Resp: 18005

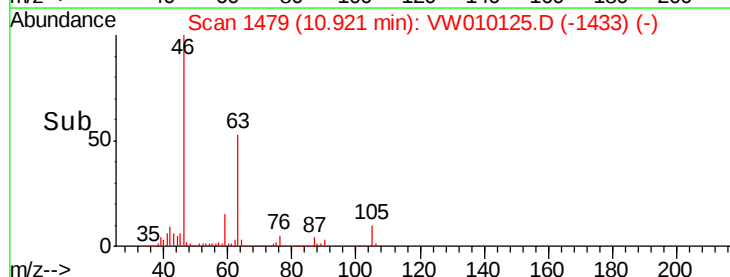
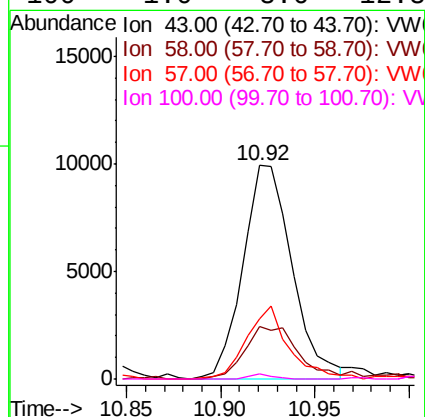
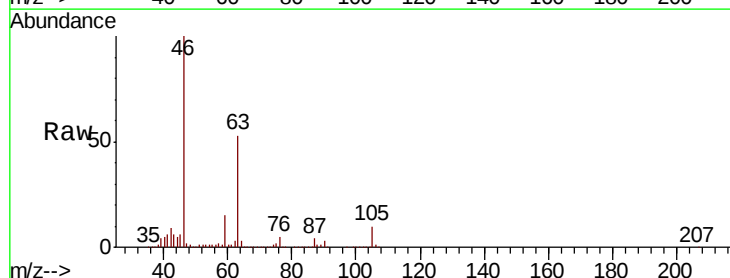
Ion Ratio Lower Upper

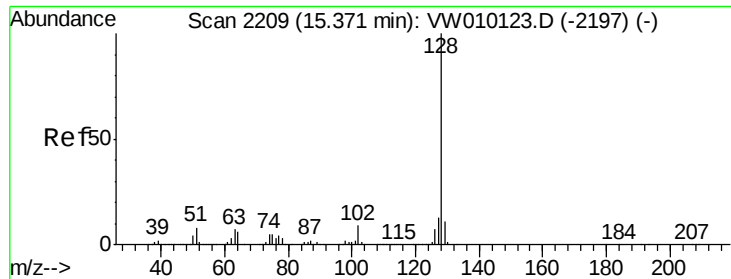
43 100

58 26.4 39.9 59.9#

57 29.1 14.3 21.5#

100 1.0 8.6 12.8#





#69

Naphthalene

Concen: 0.713 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

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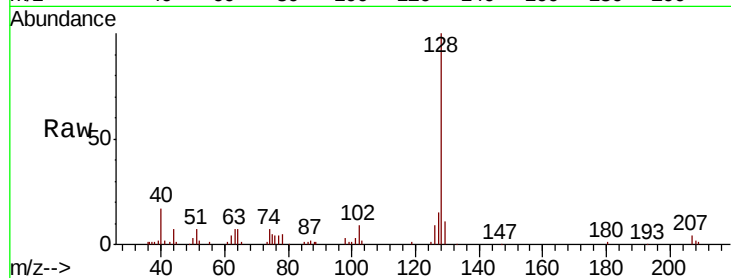
Tgt Ion:128 Resp: 23468

Ion Ratio Lower Upper

128 100

129 7.3 8.6 13.0#

127 14.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

