

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042419\
 Data File : VW010131.D
 Acq On : 25 Apr 2019 07:09
 Operator : SY/VA
 Sample : K2497-04
 Misc : 5.09G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHY0

Quant Time: Apr 25 08:12:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 08:08:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	702854	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	674333	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	288349	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	91094	13.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	54.24%
7) Chloroethane-d5	2.89	69	96028	17.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.20%
10) 1,1-Dichloroethene-d2	4.01	63	213739	10.84	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.36%#
20) 2-Butanone-d5	7.07	46	92068	29.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.04%
24) Chloroform-d	7.64	84	404105	21.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.36%
26) 1,2-Dichloroethane-d4	8.31	65	227263	20.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.08%
29) Benzene-d6	8.27	84	787180	20.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.44%
33) 1,2-Dichloropropane-d6	9.27	67	265004	22.26	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.04%
37) Toluene-d8	10.32	98	680272	19.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.44%
38) trans-1,3-Dichloropropene-	10.58	79	83296	15.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	60.72%
39) 2-Hexanone-d5	10.93	63	74527	29.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	193638	19.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.36%
61) 1,2-Dichlorobenzene-d4	13.86	152	244825	22.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.72%

Target Compounds

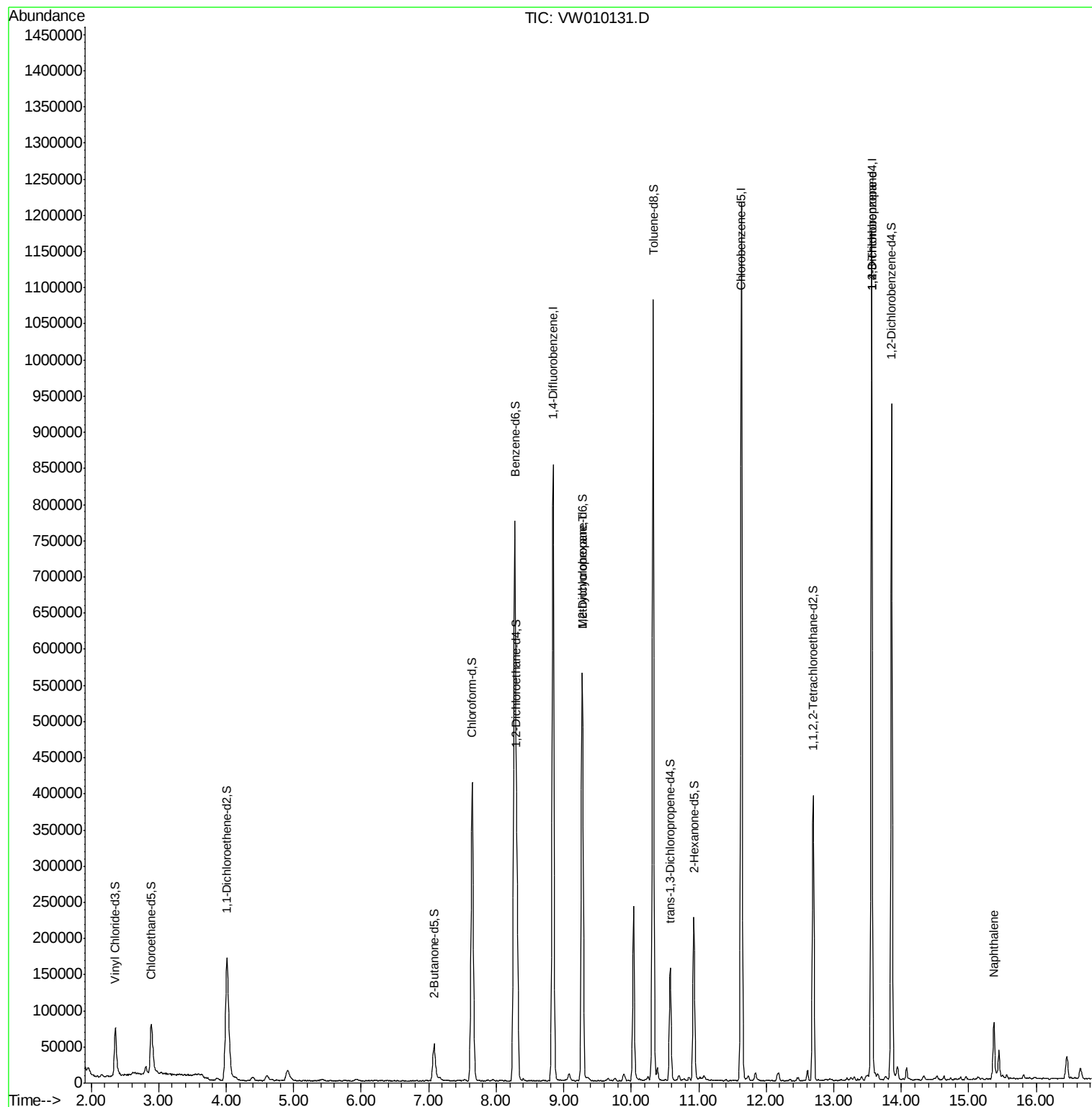
					Qvalue
36) Methylcyclohexane	9.27	83	63606	3.509 ug/L	# 17
59) 1,2,3-Trichloropropane	13.56	75	36731	4.990 ug/L	91
69) Naphthalene	15.37	128	72539	2.683 ug/L	99

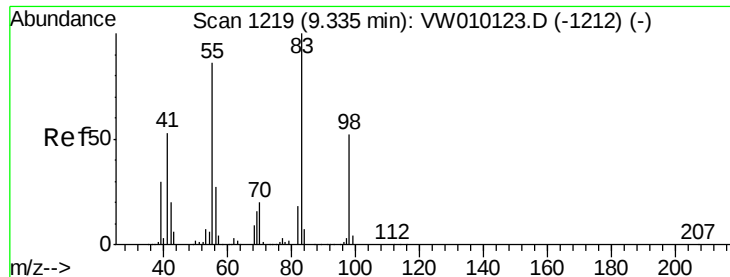
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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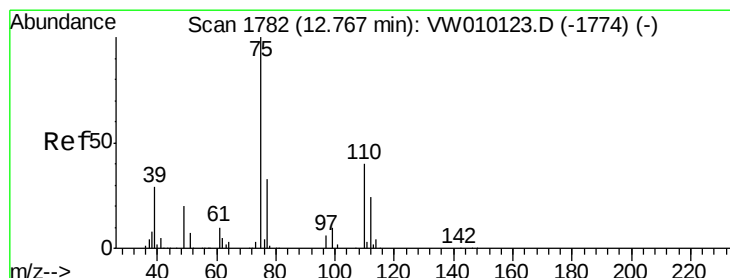
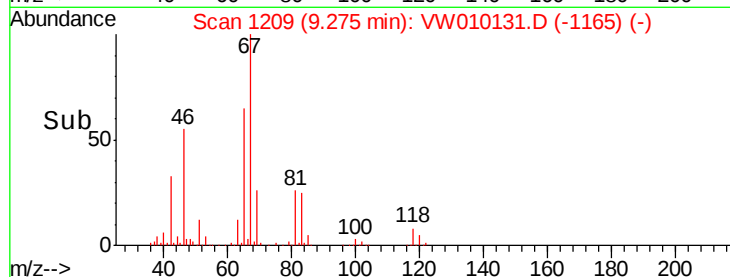
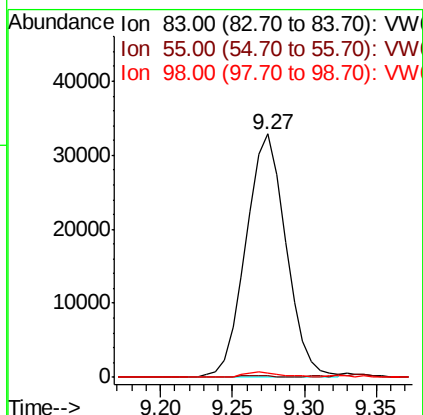
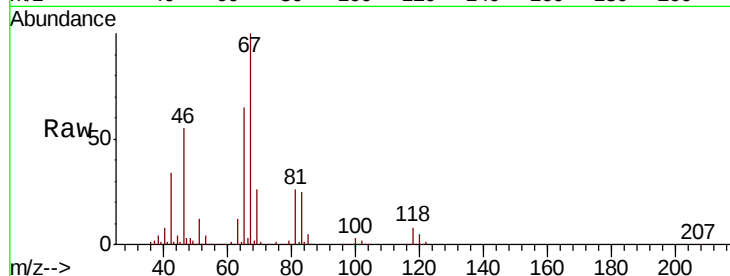




#36
Methylcyclohexane
Concen: 3.509 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW010131.D
Acq: 25 Apr 2019 07:09

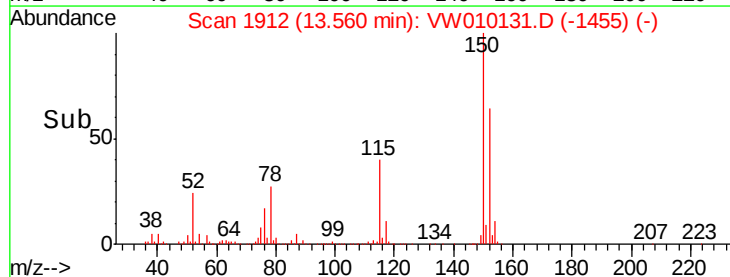
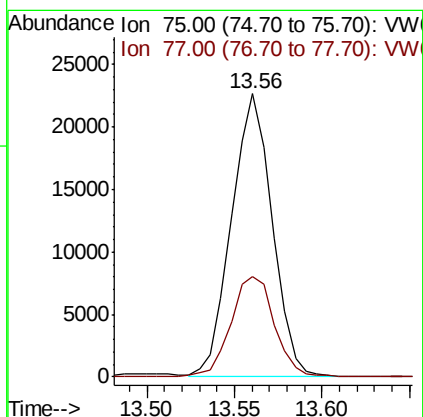
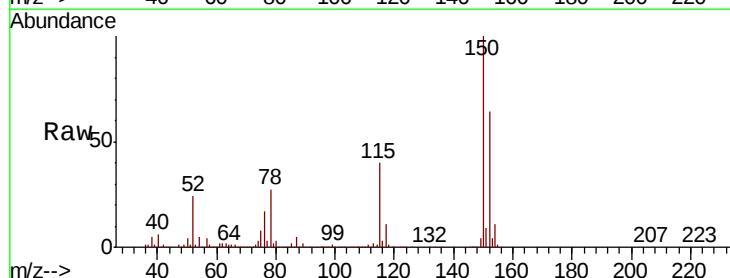
Instrument :
MSVOA_W
ClientSampleId :
GAHY0

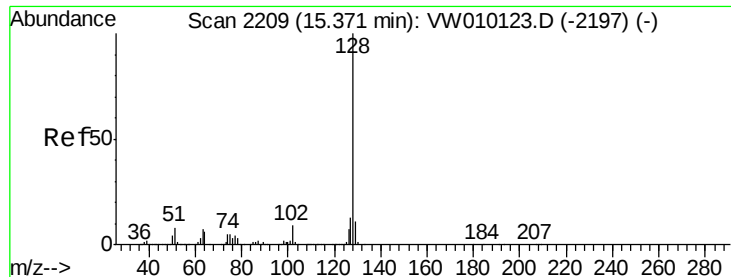
Tgt Ion: 83 Resp: 63606
Ion Ratio Lower Upper
83 100
55 0.7 66.6 100.0#
98 1.9 39.1 58.7#



#59
1,2,3-Trichloropropane
Concen: 4.990 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW010131.D
Acq: 25 Apr 2019 07:09

Tgt Ion: 75 Resp: 36731
Ion Ratio Lower Upper
75 100
77 37.7 26.1 39.1





#69

Naphthalene

Concen: 2.683 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010131.D

Acq: 25 Apr 2019 07:09

Instrument :

MSVOA_W

ClientSampleId :

GAHY0

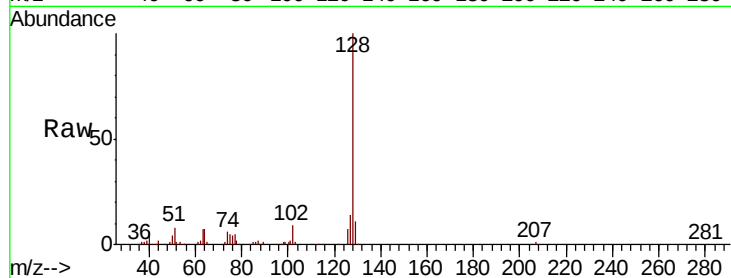
Tgt Ion:128 Resp: 72539

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 14.0 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

