

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010070.D
 Acq On : 19 Apr 2019 17:40
 Operator : SY/VA
 Sample : K2455-19
 Misc : 5.08G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 20 03:54:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 20 03:50:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	693401	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	670897	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	328080	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	138398	21.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.48%
7) Chloroethane-d5	2.89	69	124290	18.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.92%
10) 1,1-Dichloroethene-d2	4.01	63	297241	16.36	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.44%
20) 2-Butanone-d5	7.07	46	150534	42.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.94%
24) Chloroform-d	7.64	84	450504	22.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.88%
26) 1,2-Dichloroethane-d4	8.30	65	273957	22.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.12%
29) Benzene-d6	8.27	84	863085	23.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.64%
33) 1,2-Dichloropropane-d6	9.27	67	283608	24.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.60%
37) Toluene-d8	10.32	98	769986	22.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.56%
38) trans-1,3-Dichloropropene-	10.58	79	118210	21.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.92%
39) 2-Hexanone-d5	10.93	63	114622	44.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	225980	20.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	290119	23.52	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.08%

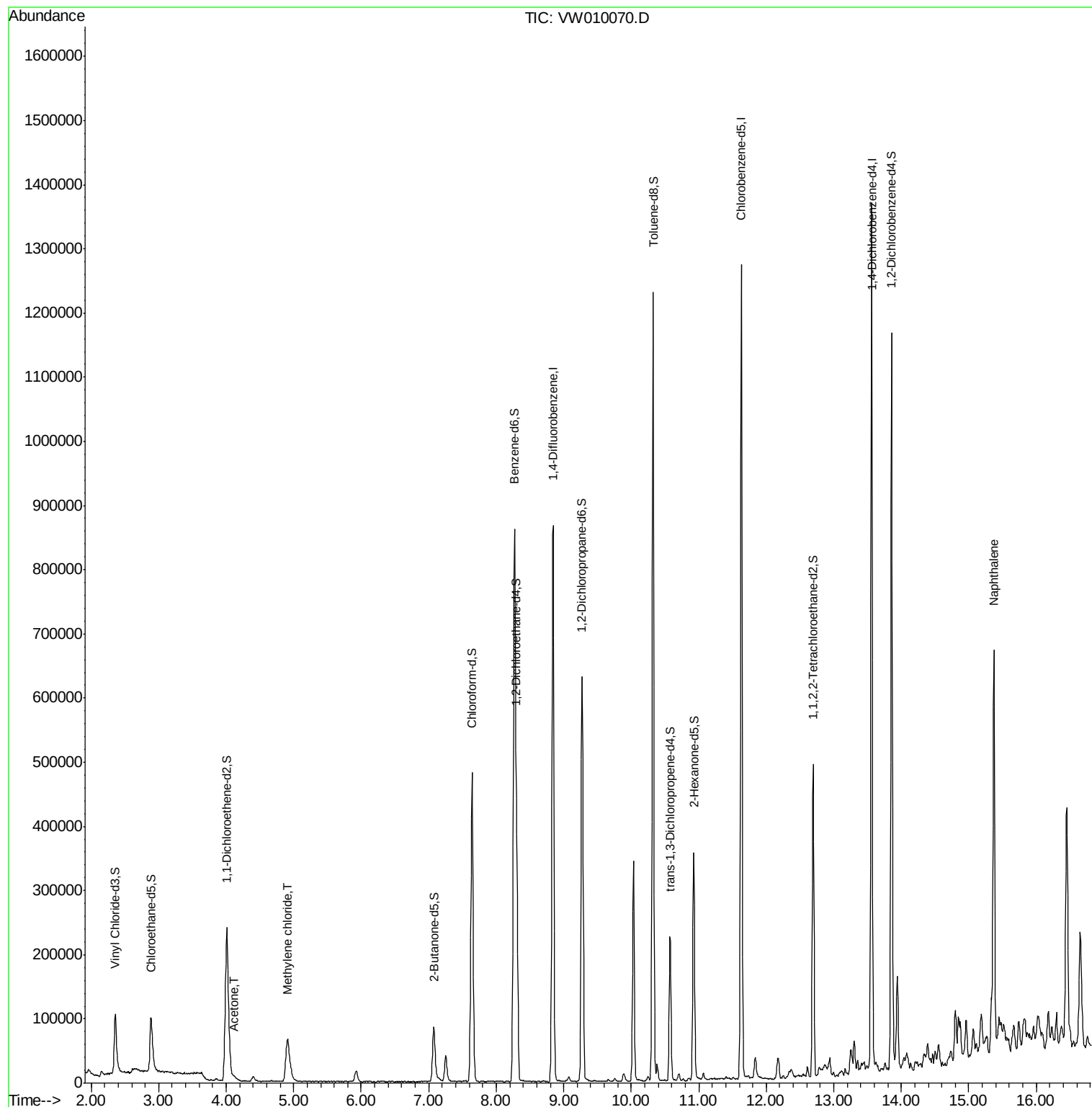
Target Compounds					Ovalue
13) Acetone	4.12	43	7697	2.442 ug/L	53
16) Methylene chloride	4.90	84	33849	2.696 ug/L	93
69) Naphthalene	15.37	128	524178	20.534 ug/L	100

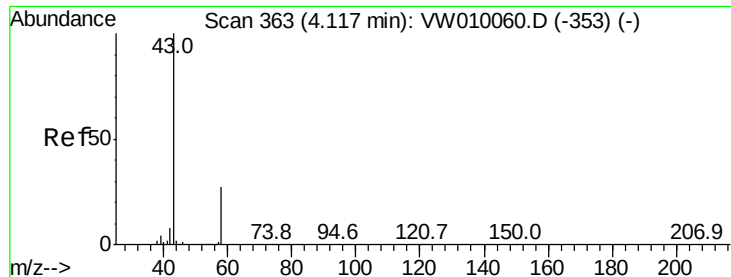
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.442 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

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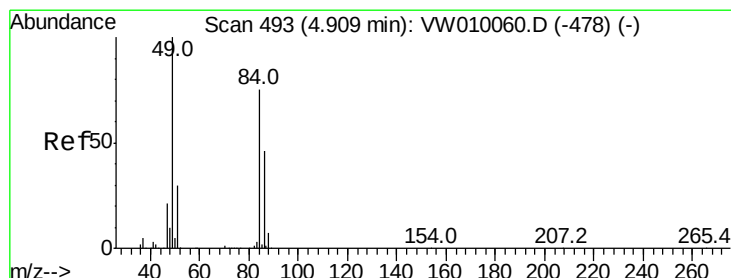
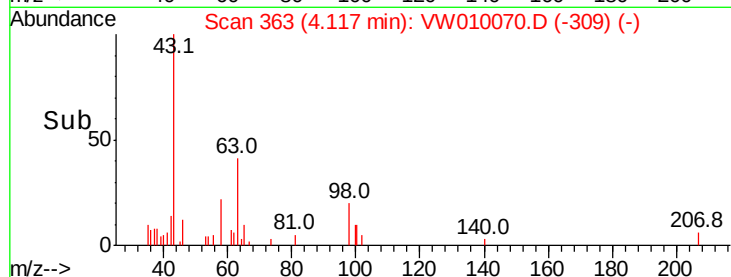
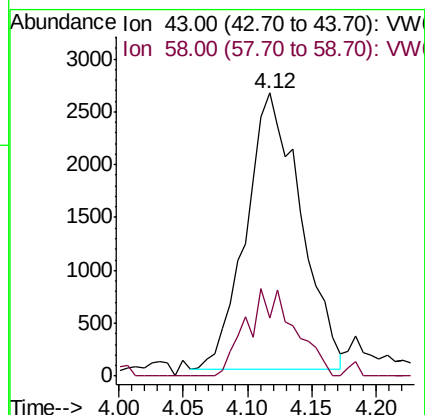
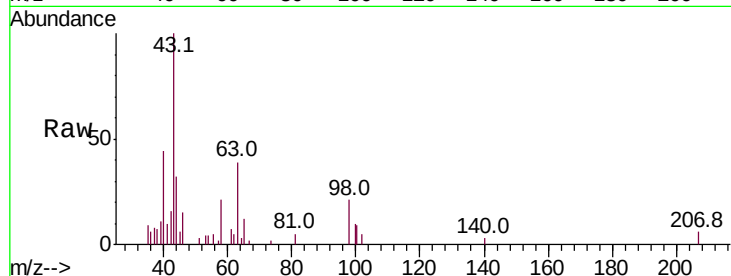
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 7697

Ion Ratio Lower Upper

43 100

58 3.1 0.0 56.2



#16

Methylene chloride

Concen: 2.696 ug/L

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

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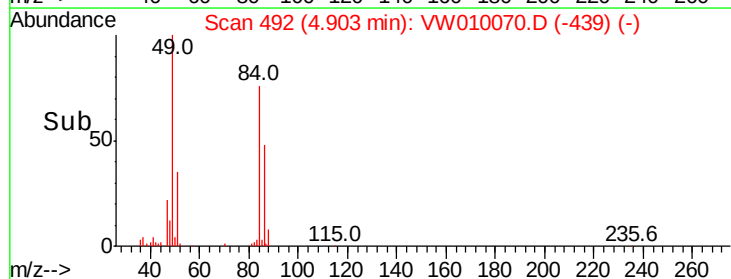
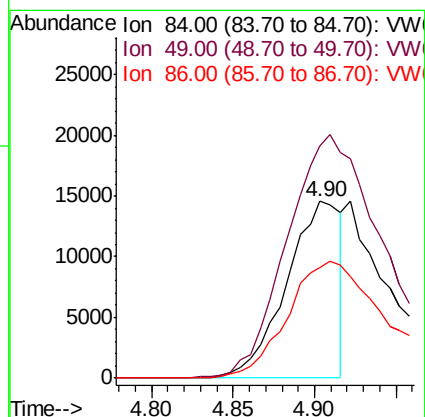
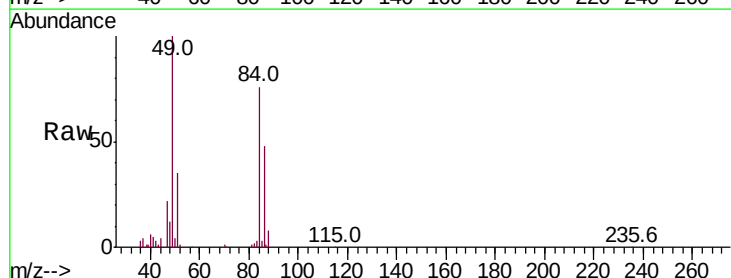
Tgt Ion: 84 Resp: 33849

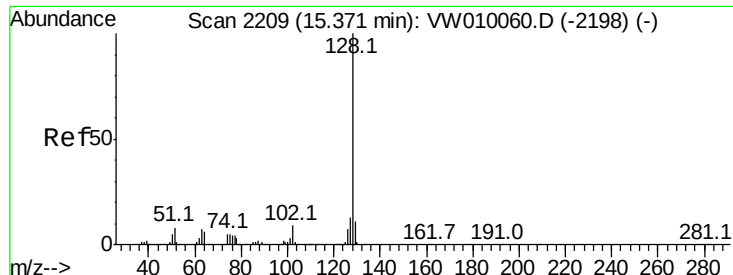
Ion Ratio Lower Upper

84 100

49 131.6 100.7 187.1

86 62.6 43.8 81.3





#69

Naphthalene

Concen: 20.534 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

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Instrument :

MSVOA_W

ClientSampleId :

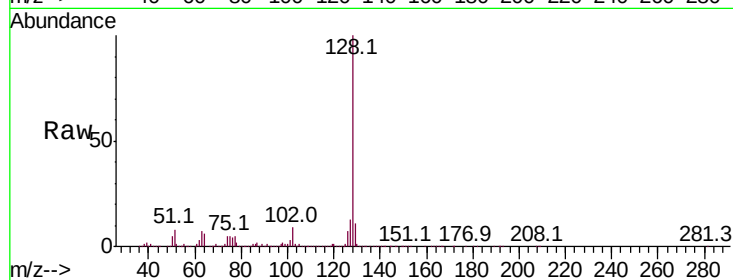
Tot Ion:128 Resp: 524178

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 13.2 10.6 16.0



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

