

Data File : VV011139.D
Acq On : 30 May 2019 16:06
Operator : SY/MD
Sample : VV0530SBL01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK66

Quant Time: May 31 01:46:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 01:43:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	318559	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	318671	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	153593	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91960	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.36%
7) Chloroethane-d5	1.56	69	75266	22.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.84%
10) 1,1-Dichloroethene-d2	2.12	63	143285	16.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	64.76%
20) 2-Butanone-d5	3.94	46	87617	55.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.24%
24) Chloroform-d	4.40	84	161698	20.77	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.08%
26) 1,2-Dichloroethane-d4	5.08	65	130871	25.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.16%
29) Benzene-d6	5.09	84	413147	23.87	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.48%
33) 1,2-Dichloropropane-d6	6.11	67	137469	24.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.16%
37) Toluene-d8	7.36	98	381833	23.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.52%
38) trans-1,3-Dichloropropene-	7.66	79	58527	23.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.28%
39) 2-Hexanone-d5	8.13	63	68864	54.64	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	126257	25.26	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	142667	24.82	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.28%

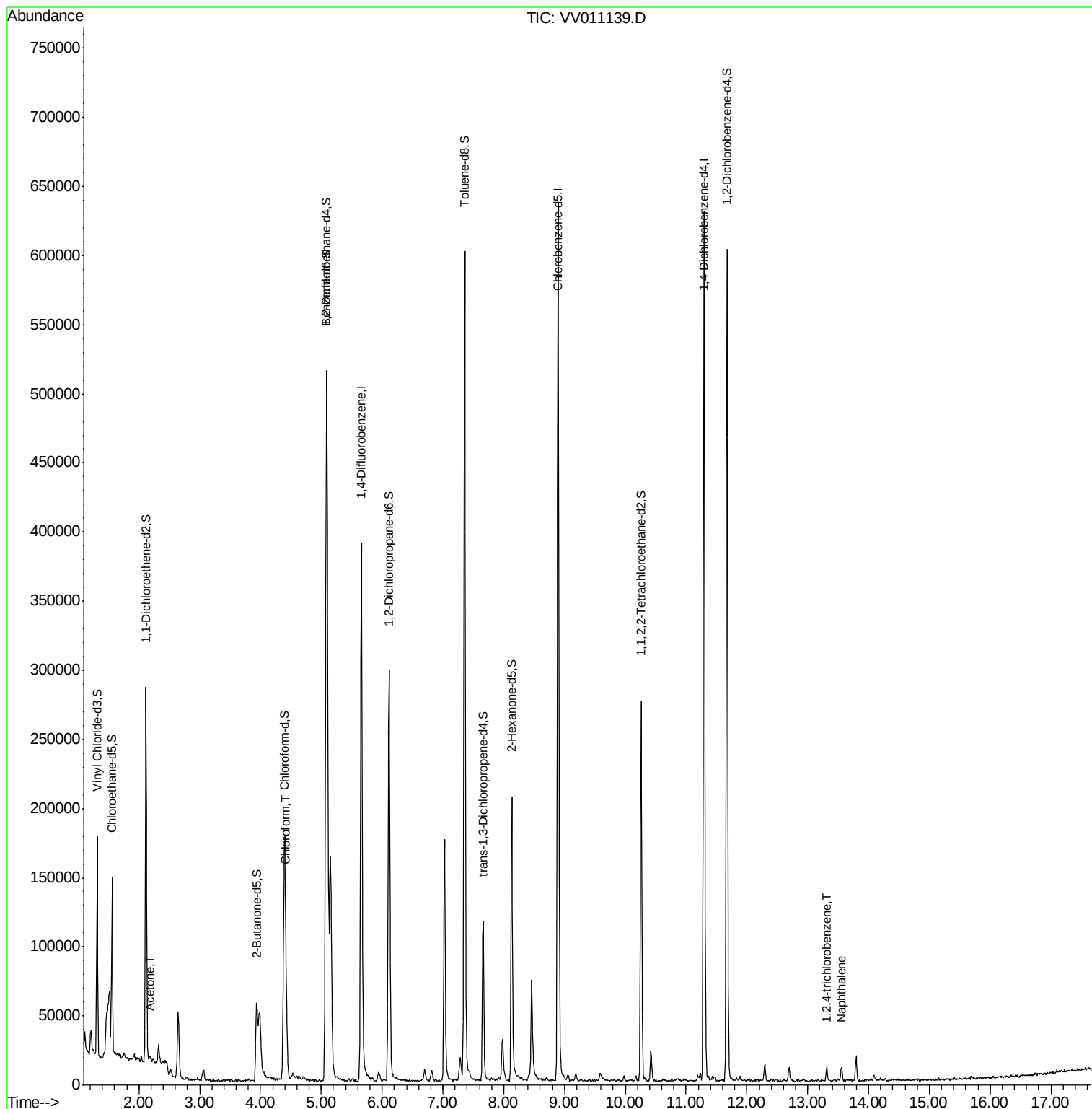
Target Compounds					Qvalue
13) Acetone	2.19	43	2739	1.495 ug/L	96
25) Chloroform	4.42	83	41556	4.611 ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	2524	0.423 ug/L	91
69) Naphthalene	13.55	128	7516	0.613 ug/L #	94

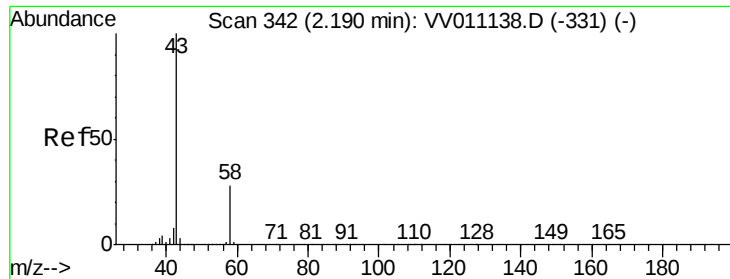
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.495 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

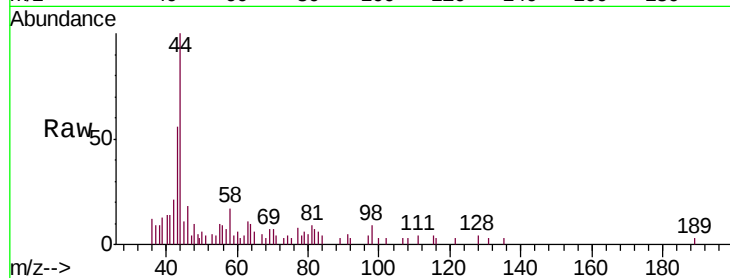
VBLK66

Tgt Ion: 43 Resp: 2739

Ion Ratio Lower Upper

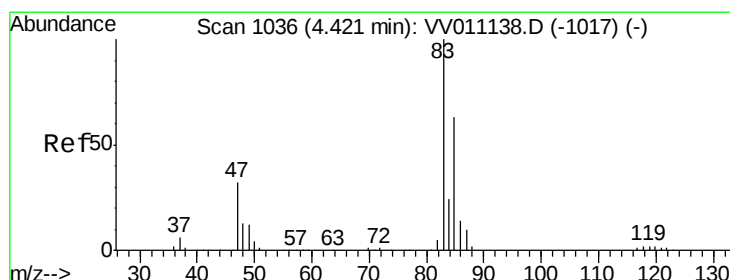
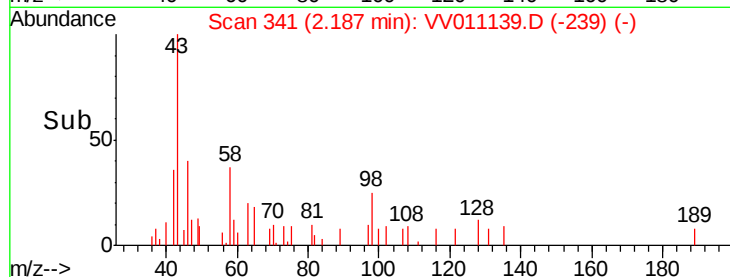
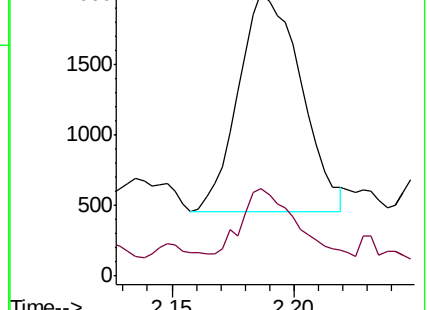
43 100

58 28.8 0.0 53.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#25

Chloroform

Concen: 4.611 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

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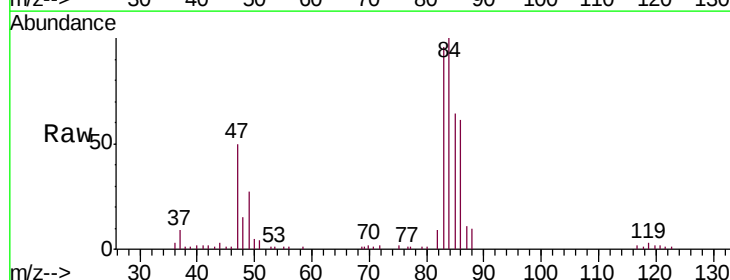
Acq: 30 May 2019 16:06

Tgt Ion: 83 Resp: 41556

Ion Ratio Lower Upper

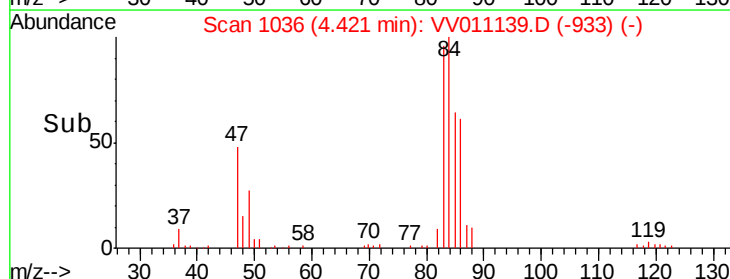
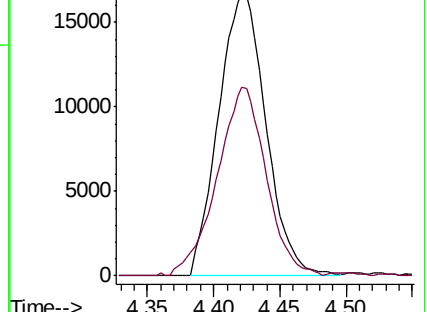
83 100

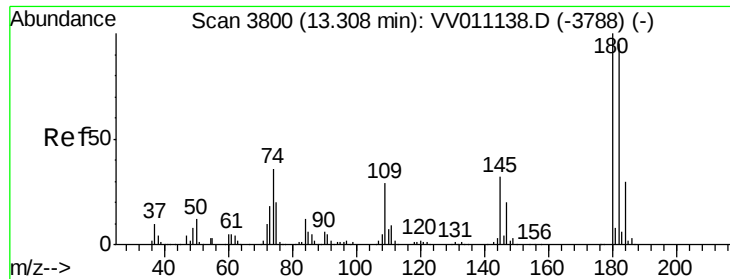
85 68.9 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

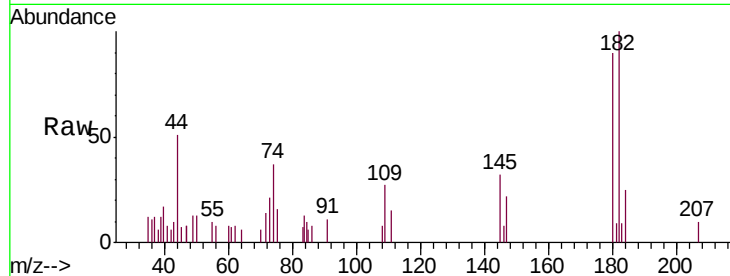




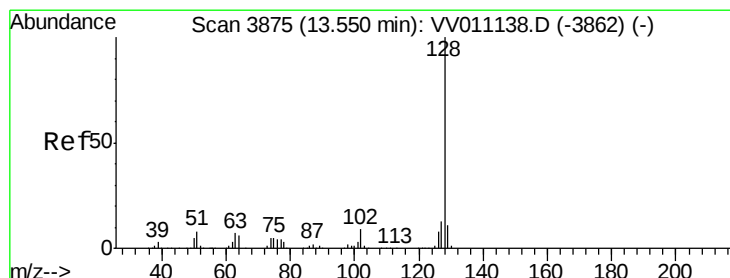
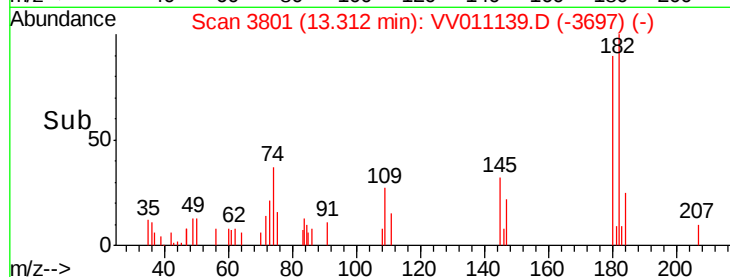
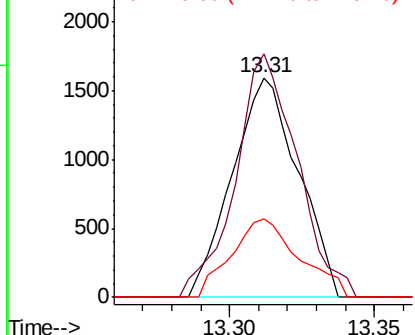
#68
 1,2,4-trichlorobenzene
 Concen: 0.423 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
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Tgt Ion:180 Resp: 2524
 Ion Ratio Lower Upper
 180 100
 182 103.5 75.4 113.0
 145 36.7 25.7 38.5

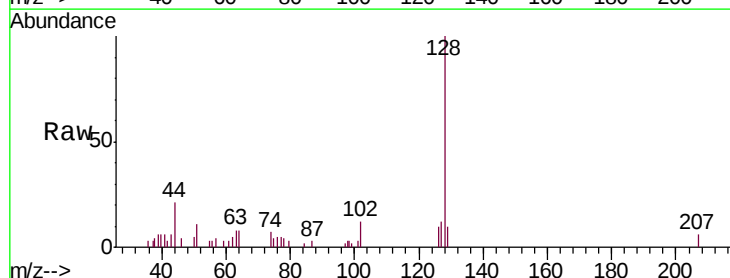


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#69
 Naphthalene
 Concen: 0.613 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.00 min
 Lab File: VV011139.D
 Acq: 30 May 2019 16:06

Tgt Ion:128 Resp: 7516
 Ion Ratio Lower Upper
 128 100
 129 6.1 8.6 13.0#
 127 12.8 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

