

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060319\
 Data File : VV011198.D
 Acq On : 03 Jun 2019 12:11
 Operator : SY/MD
 Sample : K3081-22
 Misc : 5.07G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK02

Quant Time: Jun 04 01:16:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 04 01:13:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	347282	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	324569	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	149632	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102305	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.08%
7) Chloroethane-d5	1.57	69	84521	23.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.60%
10) 1,1-Dichloroethene-d2	2.12	63	166120	17.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.88%
20) 2-Butanone-d5	3.93	46	70182	40.87	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.74%
24) Chloroform-d	4.40	84	163472	19.26	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.04%
26) 1,2-Dichloroethane-d4	5.08	65	124080	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.72%
29) Benzene-d6	5.09	84	419732	23.81	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.24%
33) 1,2-Dichloropropane-d6	6.11	67	132219	23.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.64%
37) Toluene-d8	7.36	98	390089	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.84%
38) trans-1,3-Dichloropropene-	7.66	79	55579	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.00%
39) 2-Hexanone-d5	8.13	63	52465	40.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	107226	21.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.28%
61) 1,2-Dichlorobenzene-d4	11.67	152	134421	24.01	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.04%

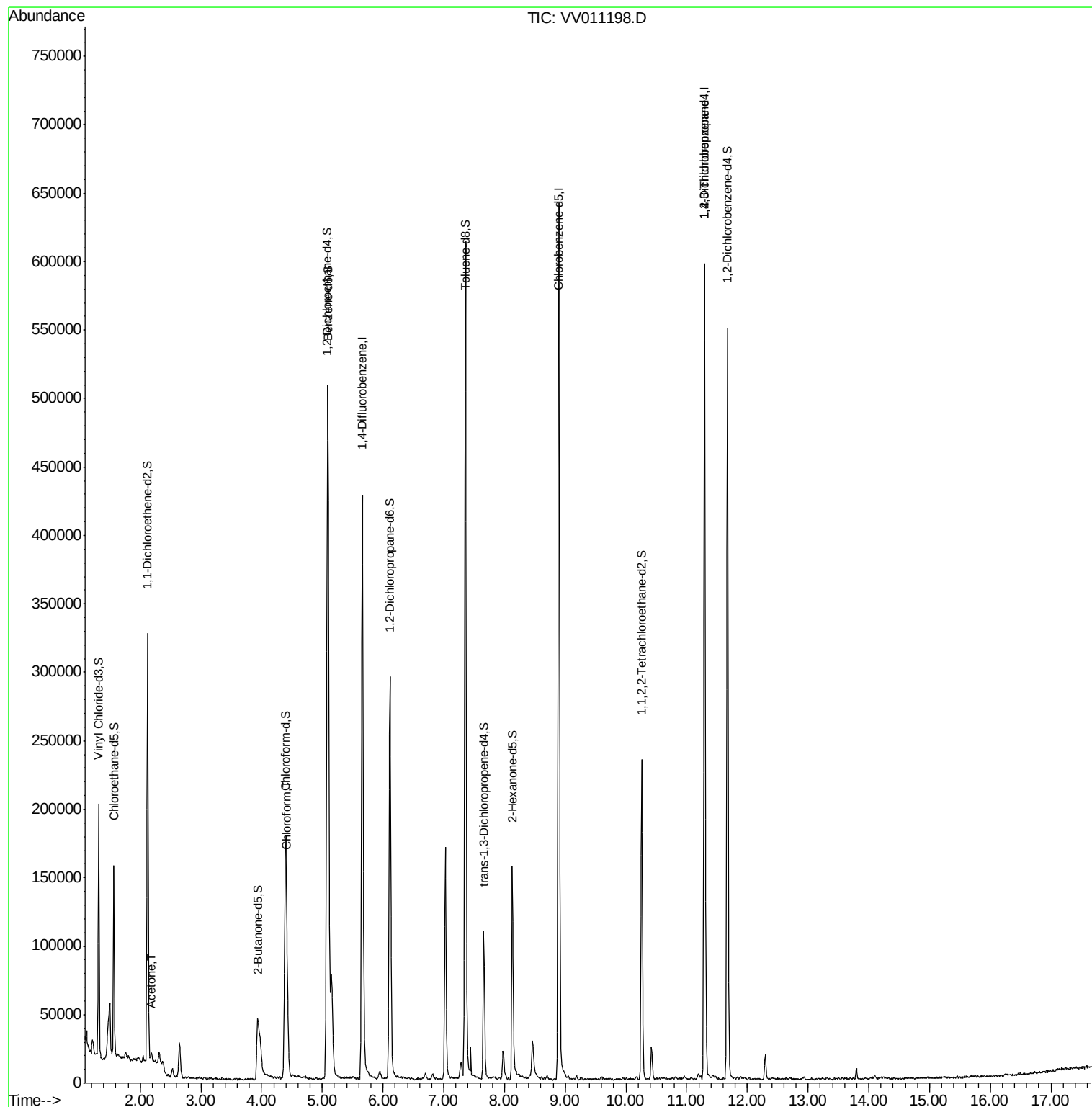
Target Compounds					Qvalue
13) Acetone	2.19	43	3650	1.827 ug/L	67
25) Chloroform	4.42	83	43613	4.439 ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	21035	5.189 ug/L	91

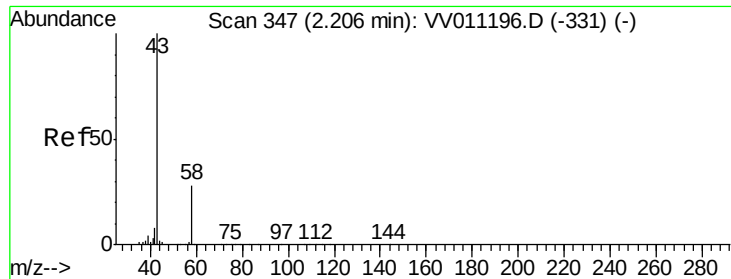
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.827 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.02 min

Lab File: VV011198.D

Acq: 03 Jun 2019 12:11

Instrument :

MSVOA_V

ClientSampleId :

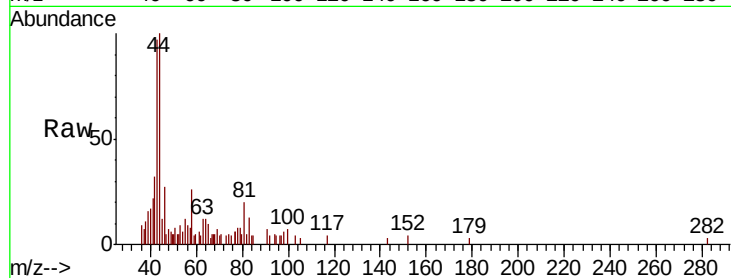
VHBLK02

Tgt Ion: 43 Resp: 3650

Ion Ratio Lower Upper

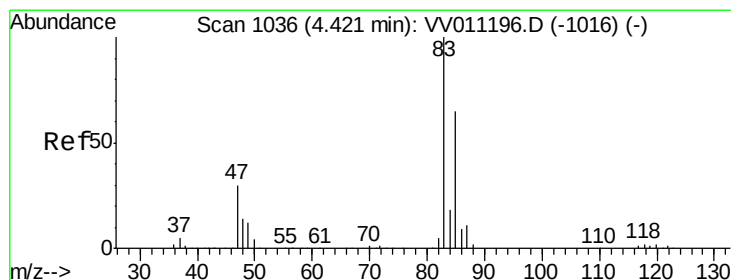
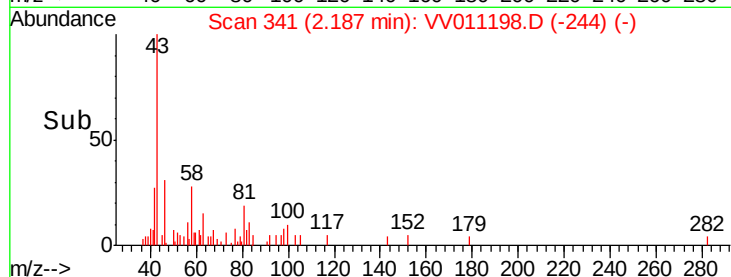
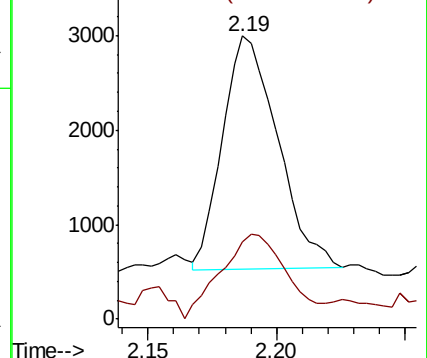
43 100

58 44.1 0.0 53.8



Abundance Ion 43.00 (42.70 to 43.70): VV011196.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV011196.D (-331) (-)



#25

Chloroform

Concen: 4.439 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VV011198.D

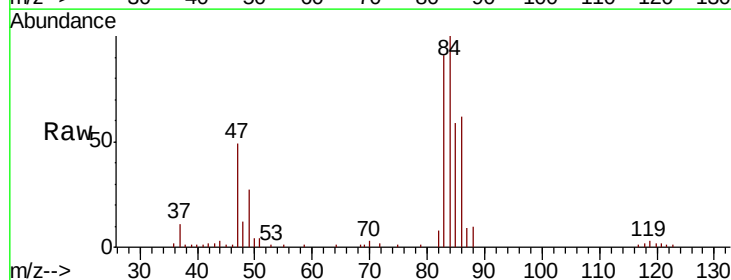
Acq: 03 Jun 2019 12:11

Tgt Ion: 83 Resp: 43613

Ion Ratio Lower Upper

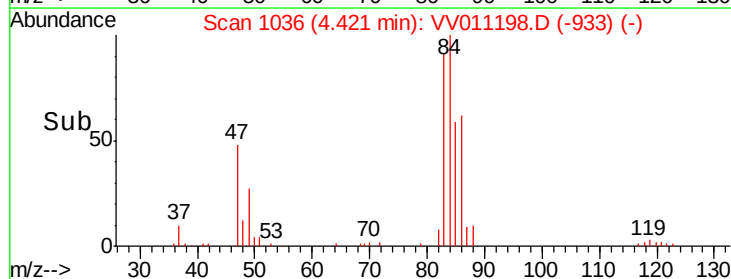
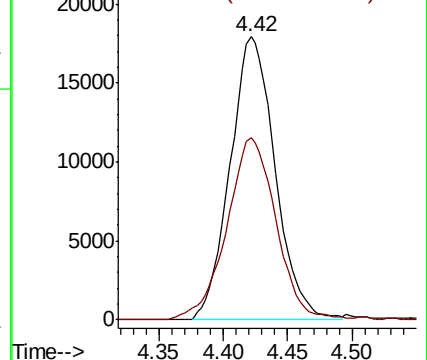
83 100

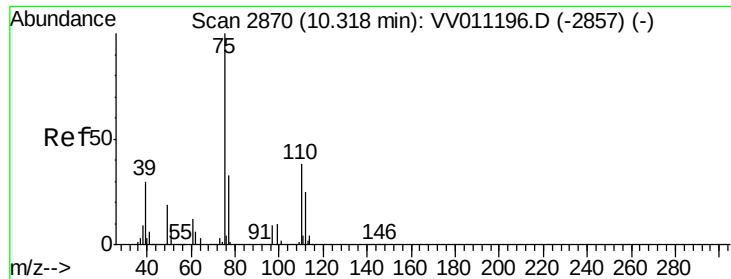
85 70.0 45.6 84.6



Abundance Ion 83.00 (82.70 to 83.70): VV011196.D (-1016) (-)

Ion 85.00 (84.70 to 85.70): VV011196.D (-1016) (-)





#59
 1,2,3-Trichloropropane
 Concen: 5.189 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV011198.D
 Acq: 03 Jun 2019 12:11

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 MSVOA_V
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 VHBLK02

Tgt Ion: 75 Resp: 21035
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.7 38.5

