

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV040319\
 Data File : VV010089.D
 Acq On : 03 Apr 2019 13:39
 Operator : SY/MD
 Sample : VV0403SBL01
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK82

Quant Time: Apr 04 06:05:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 04 06:01:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	300329	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	281023	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	130706	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78949	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.56%
7) Chloroethane-d5	1.57	69	89389	17.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.60%
10) 1,1-Dichloroethene-d2	2.13	63	156337	15.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.64%
20) 2-Butanone-d5	3.94	46	37943	33.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.32%
24) Chloroform-d	4.40	84	155117	20.50	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	5.08	65	89971	21.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.00%
29) Benzene-d6	5.10	84	325466	22.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.32%
33) 1,2-Dichloropropane-d6	6.12	67	97352	22.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.56%
37) Toluene-d8	7.36	98	305528	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.04%
38) trans-1,3-Dichloropropene-	7.67	79	36285	19.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.96%
39) 2-Hexanone-d5	8.14	63	28909	33.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.02%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	79154	18.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	74.64%
61) 1,2-Dichlorobenzene-d4	11.68	152	112829	22.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.64%

Target Compounds

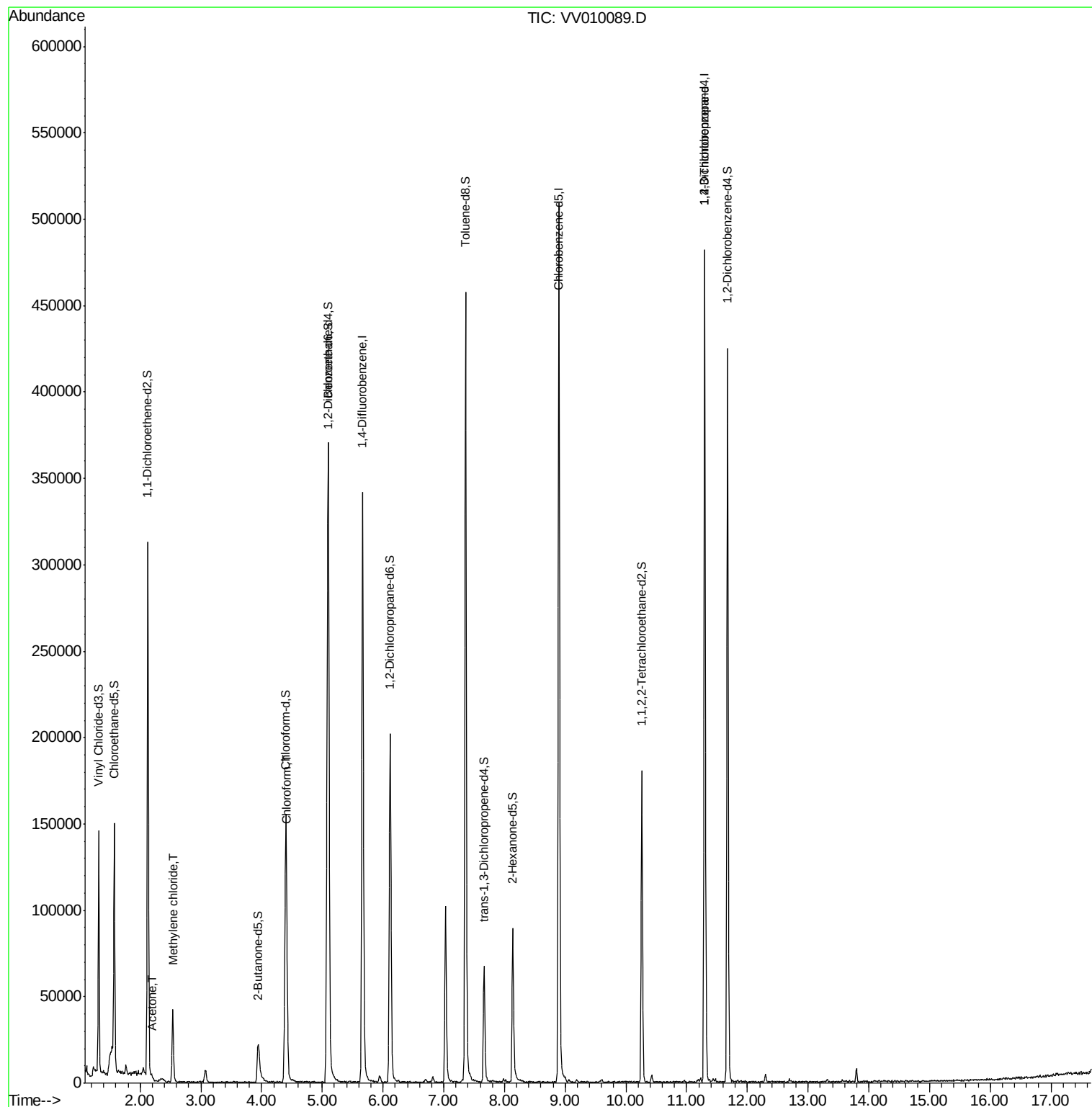
					Qvalue
13) Acetone	2.21	43	1854	1.639 ug/L	99
16) Methylene chloride	2.54	84	18198	3.449 ug/L	92
25) Chloroform	4.42	83	3237	0.474 ug/L #	60
59) 1,2,3-Trichloropropane	11.30	75	16343	5.763 ug/L	89

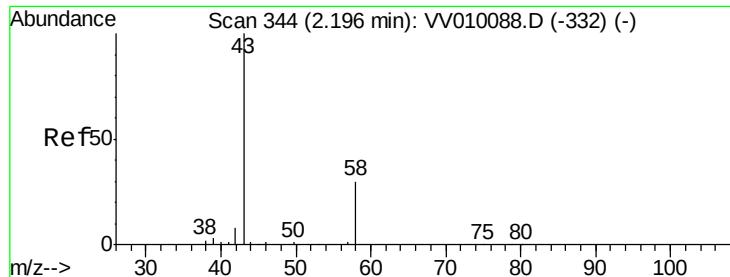
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.639 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV010089.D

Acq: 03 Apr 2019 13:39

Instrument :

MSVOA_V

ClientSampleId :

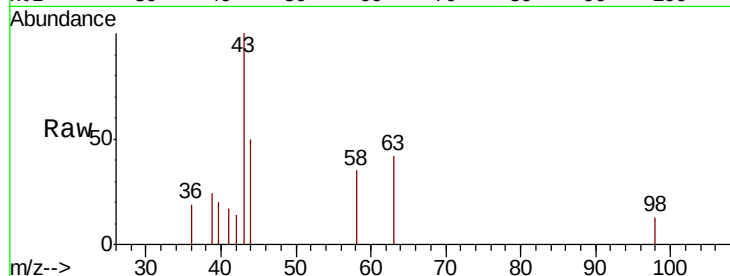
VBLK82

Tgt Ion: 43 Resp: 1854

Ion Ratio Lower Upper

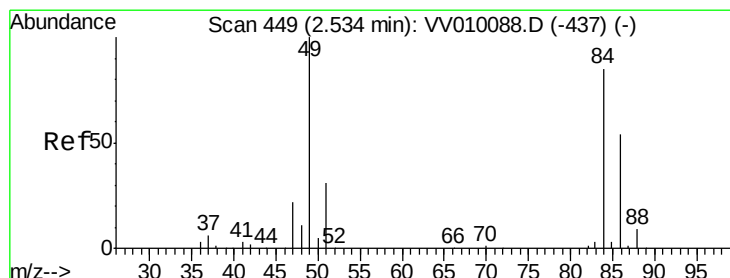
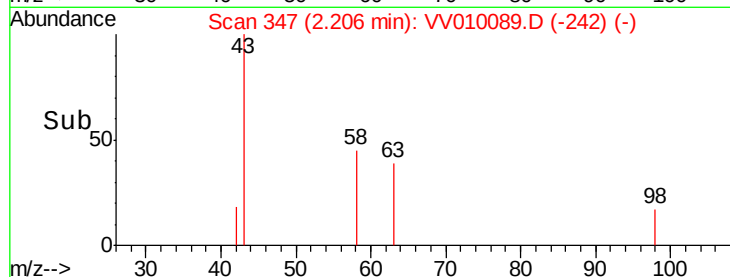
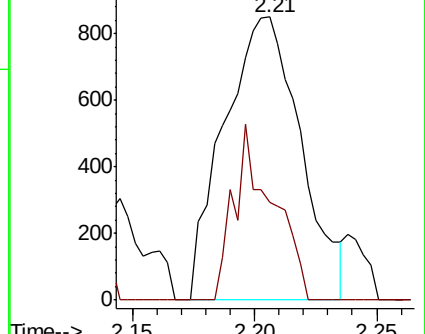
43 100

58 31.6 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VV010088.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010088.D (-332) (-)



#16

Methylene chloride

Concen: 3.449 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV010089.D

Acq: 03 Apr 2019 13:39

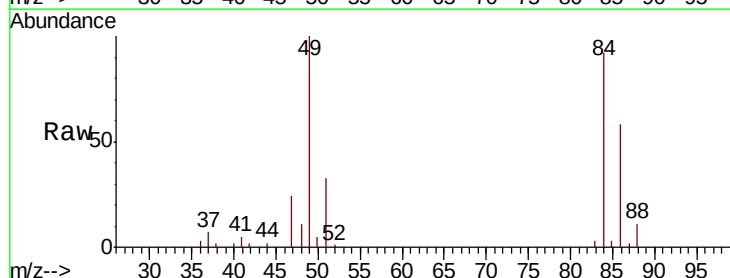
Tgt Ion: 84 Resp: 18198

Ion Ratio Lower Upper

84 100

49 108.6 84.3 156.5

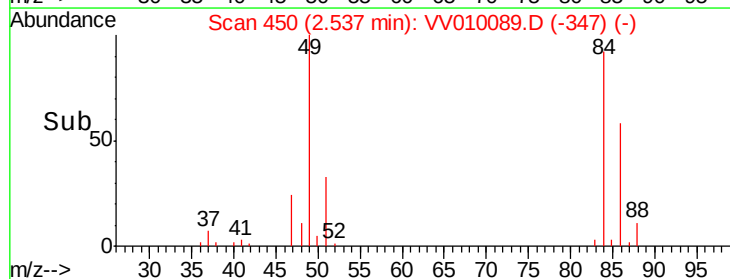
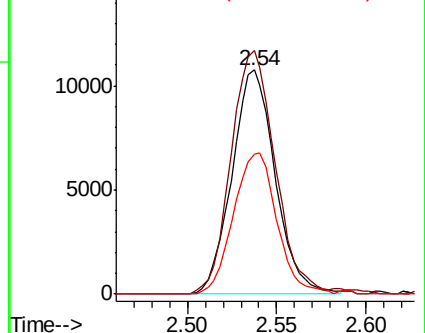
86 62.7 45.4 84.2

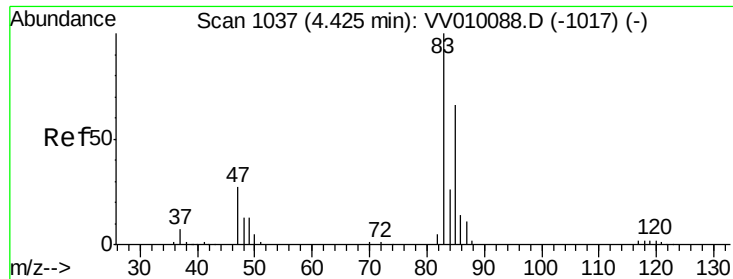


Abundance Ion 84.00 (83.70 to 84.70): VV010088.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010088.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010088.D (-437) (-)

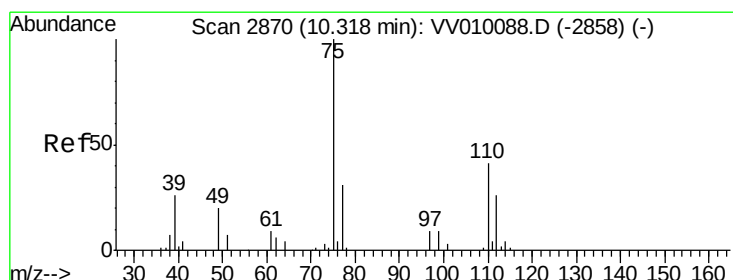
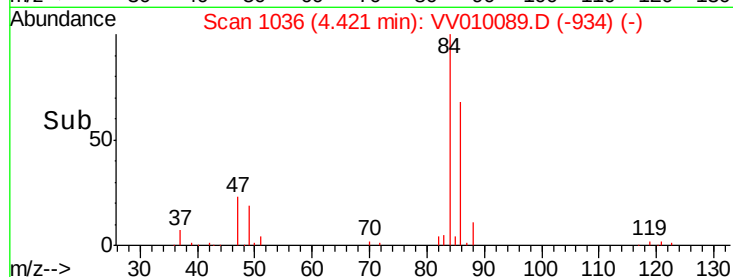
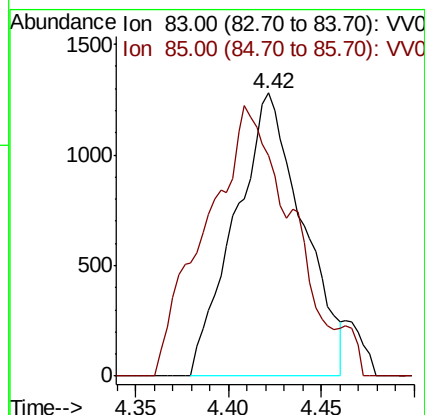
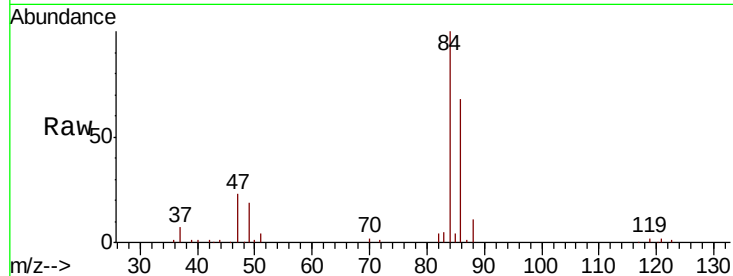




#25
Chloroform
Concen: 0.474 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
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MSVOA_V
ClientSampled :
VBLK82

Tgt Ion: 83 Resp: 3237
Ion Ratio Lower Upper
83 100
85 98.5 46.4 86.2#



#59
1,2,3-Trichloropropane
Concen: 5.763 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010089.D
Acq: 03 Apr 2019 13:39

Tgt Ion: 75 Resp: 16343
Ion Ratio Lower Upper
75 100
77 38.6 25.8 38.8

