

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030819\
 Data File : VV009542.D
 Acq On : 08 Mar 2019 16:30
 Operator : SY/MD
 Sample : VV0308SBL01
 Misc : 5.00G/10ML/MSVOA_V/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK68

Quant Time: Mar 09 01:27:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 09 01:24:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	154653	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	150267	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68501	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39368	21.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.60%
7) Chloroethane-d5	1.56	69	41994	15.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.40%
10) 1,1-Dichloroethene-d2	2.12	63	81631	16.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.40%
20) 2-Butanone-d5	3.93	46	27120	42.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.50%
24) Chloroform-d	4.40	84	89090	24.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.72%
26) 1,2-Dichloroethane-d4	5.08	65	55685	26.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.28%
29) Benzene-d6	5.10	84	182596	24.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.12%
33) 1,2-Dichloropropane-d6	6.12	67	56252	25.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.44%
37) Toluene-d8	7.36	98	172847	23.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.28%
38) trans-1,3-Dichloropropene-	7.66	79	24275	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.24%
39) 2-Hexanone-d5	8.13	63	21718	42.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.74%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	53127	22.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	62681	25.07	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.28%

Target Compounds

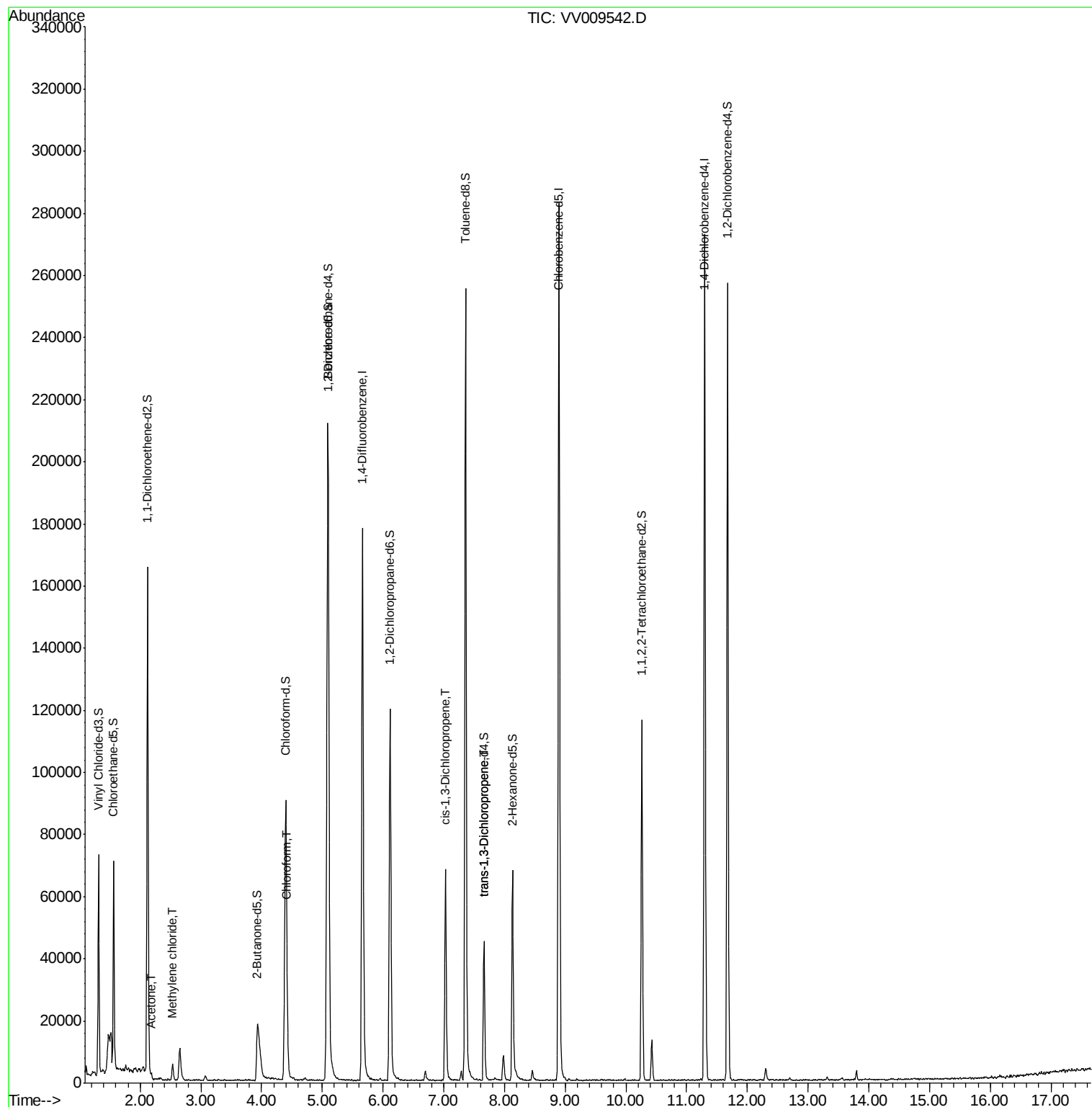
					Qvalue
13) Acetone	2.19	43	763	1.183 ug/L	77
16) Methylene chloride	2.53	84	2344	1.155 ug/L	94
25) Chloroform	4.43	83	3502	0.964 ug/L #	61
42) cis-1,3-Dichloropropene	7.03	75	2190	0.705 ug/L #	55
45) trans-1,3-Dichloropropene	7.67	75	1298	0.478 ug/L	89

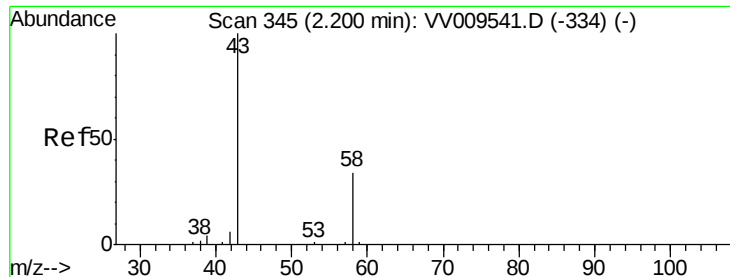
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 09 01:24:39 2019
Response via : Initial Calibration





#13

Acetone

Concen: 1.183 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV009542.D

Acq: 08 Mar 2019 16:30

Instrument :

MSVOA_V

ClientSampled :

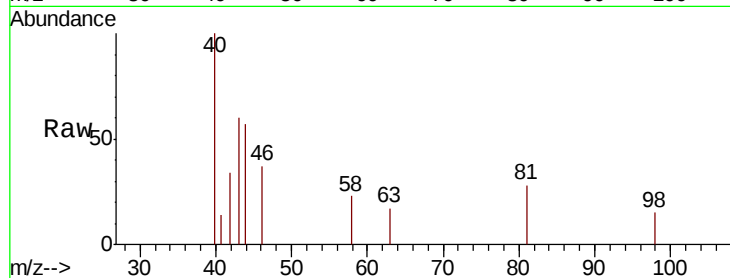
VBLK68

Tgt Ion: 43 Resp: 763

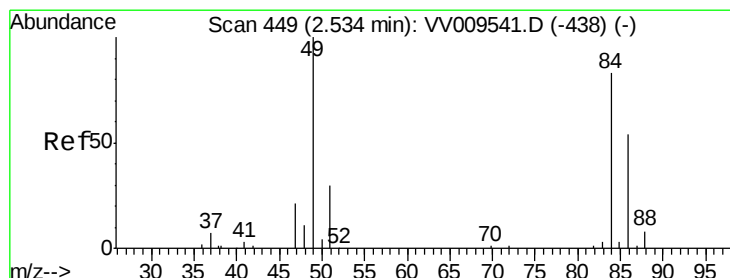
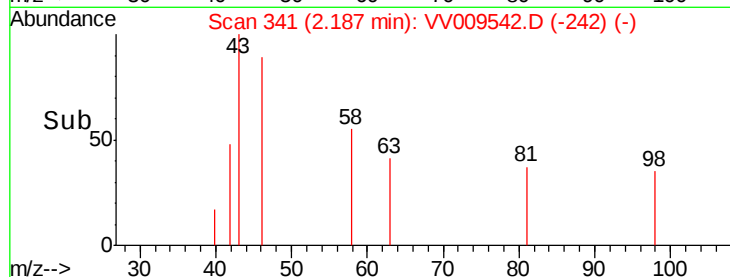
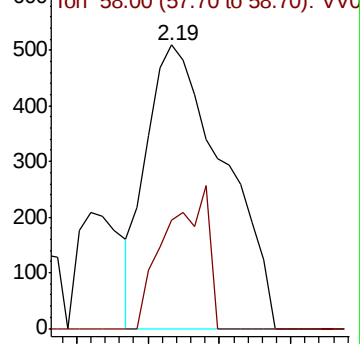
Ion Ratio Lower Upper

43 100

58 21.2 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV009541.D (-334) (-)



#16

Methylene chloride

Concen: 1.155 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV009542.D

Acq: 08 Mar 2019 16:30

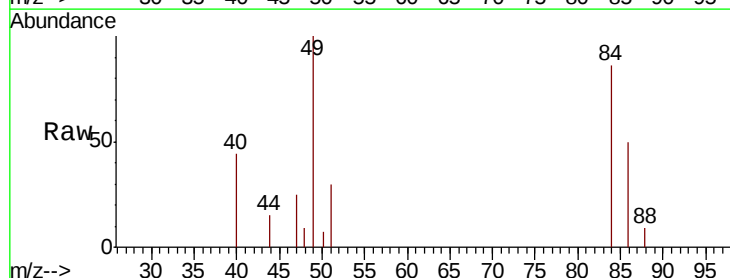
Tgt Ion: 84 Resp: 2344

Ion Ratio Lower Upper

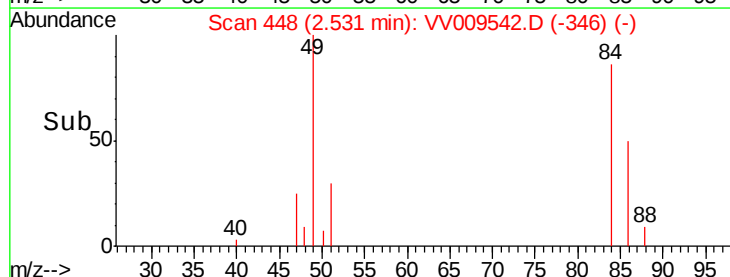
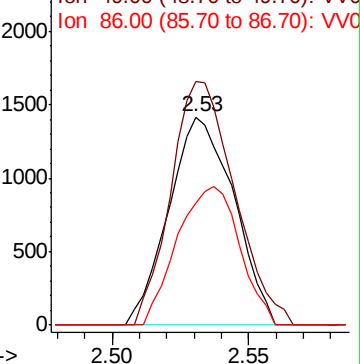
84 100

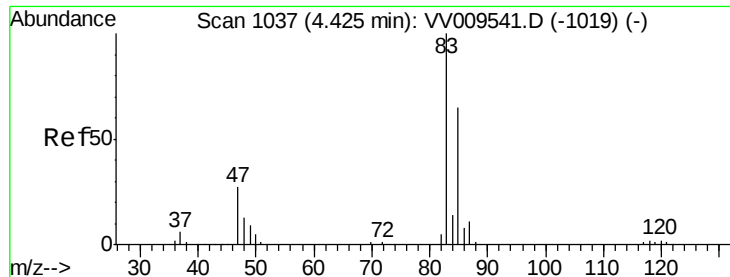
49 116.9 84.6 157.0

86 58.5 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009541.D (-438) (-)

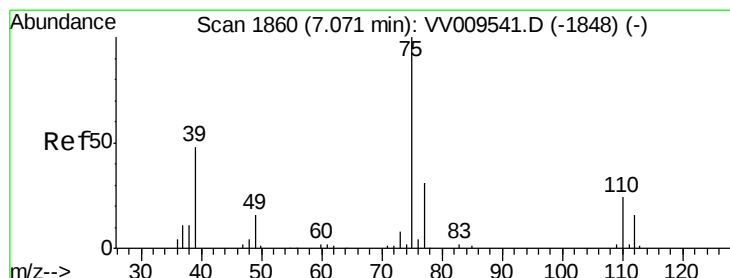
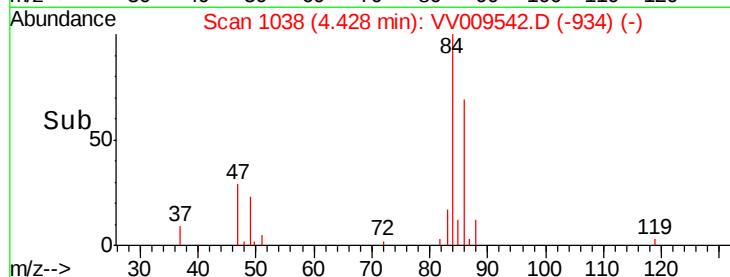
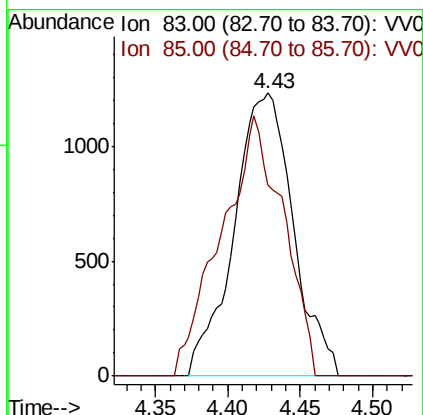
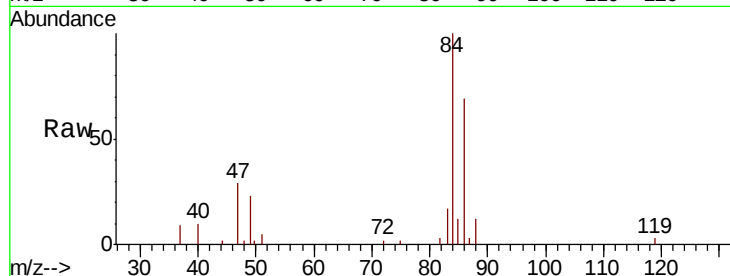




#25
Chloroform
Concen: 0.964 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009542.D
Acq: 08 Mar 2019 16:30

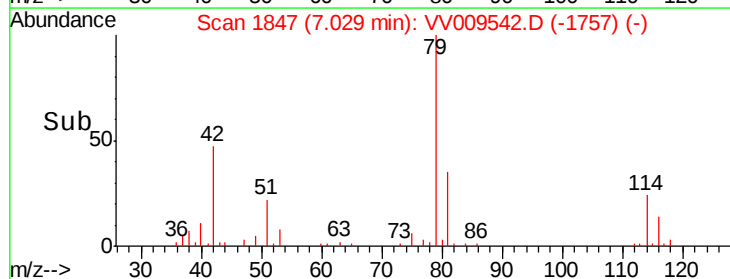
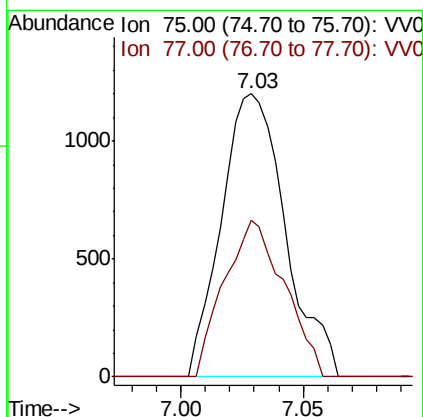
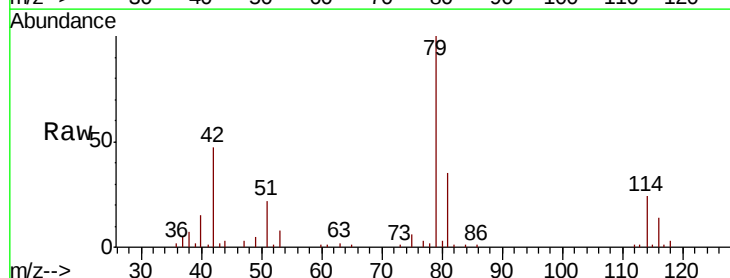
Instrument :
MSVOA_V
ClientSampled :
VBLK68

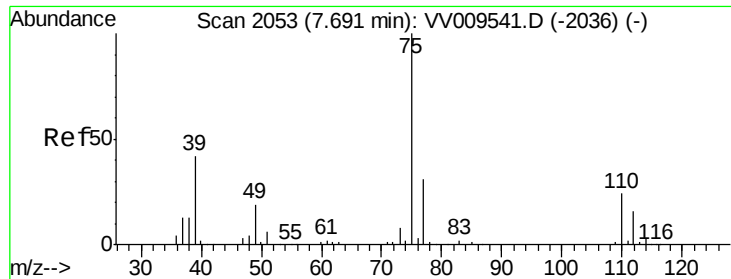
Tgt Ion: 83 Resp: 3502
Ion Ratio Lower Upper
83 100
85 95.6 45.4 84.2#



#42
cis-1,3-Dichloropropene
Concen: 0.705 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009542.D
Acq: 08 Mar 2019 16:30

Tgt Ion: 75 Resp: 2190
Ion Ratio Lower Upper
75 100
77 55.2 21.4 39.8#





#45

trans-1,3-Dichloropropene

Concen: 0.478 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV009542.D

Acq: 08 Mar 2019 16:30

Instrument :

MSVOA_V

ClientSampleId :

VBLK68

Tgt Ion: 75 Resp: 1298

Ion Ratio Lower Upper

75 100

77 38.0 22.5 41.7

