

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032619\
 Data File : VV009913.D
 Acq On : 26 Mar 2019 23:49
 Operator : SY/MD
 Sample : K2101-06
 Misc : 5.00G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF0K4

Quant Time: Mar 27 03:07:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:42:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143786	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	144050	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59590	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	64536	22.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.48%
7) Chloroethane-d5	1.57	69	75613	23.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.96%
10) 1,1-Dichloroethene-d2	2.13	63	144504	18.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.40%
20) 2-Butanone-d5	3.93	46	29642	54.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.04%
24) Chloroform-d	4.40	84	67089	18.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.24%
26) 1,2-Dichloroethane-d4	5.08	65	56988	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.40%
29) Benzene-d6	5.10	84	190684	25.21	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.84%
33) 1,2-Dichloropropane-d6	6.12	67	60086	27.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.60%
37) Toluene-d8	7.36	98	171322	23.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.72%
38) trans-1,3-Dichloropropene-	7.66	79	19080	21.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.28%
39) 2-Hexanone-d5	8.13	63	20750	50.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52419	23.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.68%
61) 1,2-Dichlorobenzene-d4	11.67	152	57351	25.28	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.12%

Target Compounds

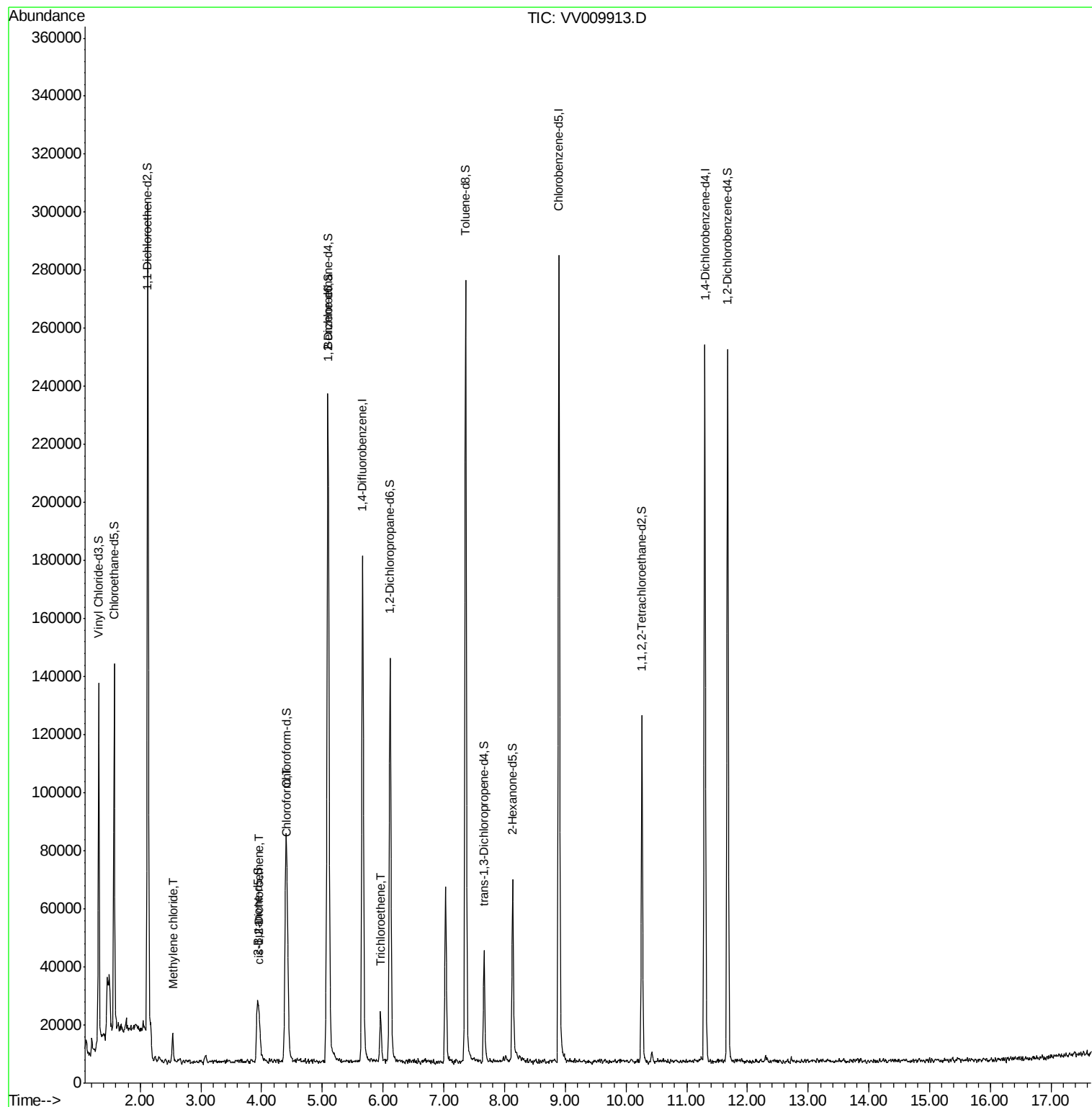
					Qvalue
16) Methylene chloride	2.54	84	3629	1.533 ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	5669	2.725 ug/L	80
25) Chloroform	4.43	83	27795	7.296 ug/L	96
35) Trichloroethene	5.96	95	4904	2.350 ug/L	90

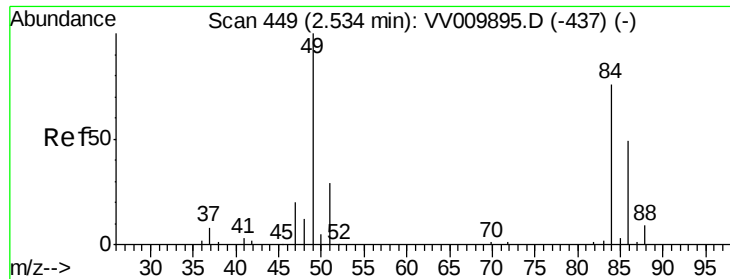
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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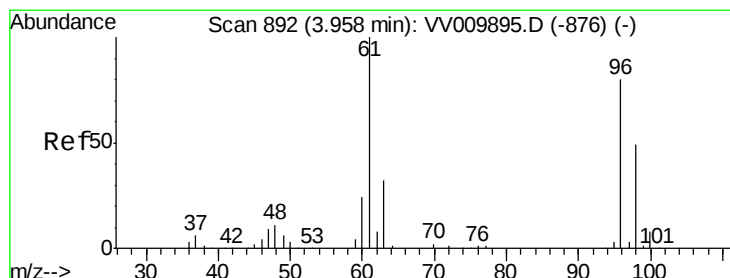
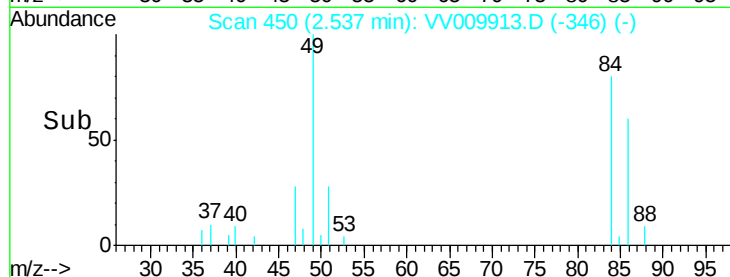
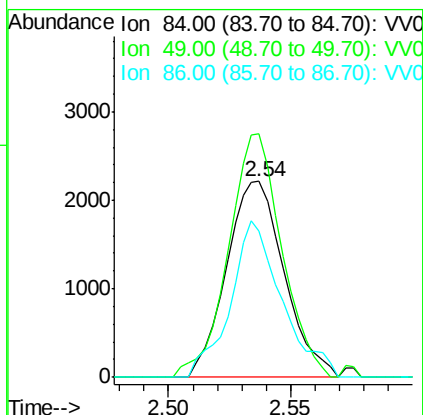
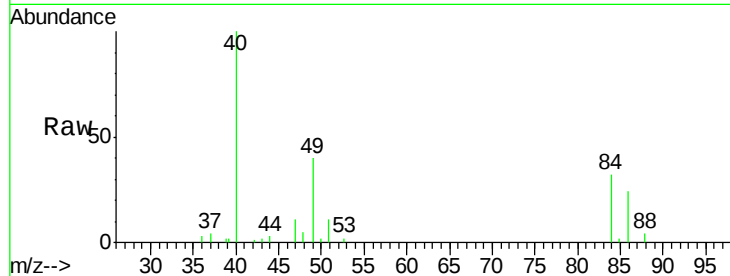




#16
Methylene chloride
Concen: 1.533 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009913.D
Acq: 26 Mar 2019 23:49

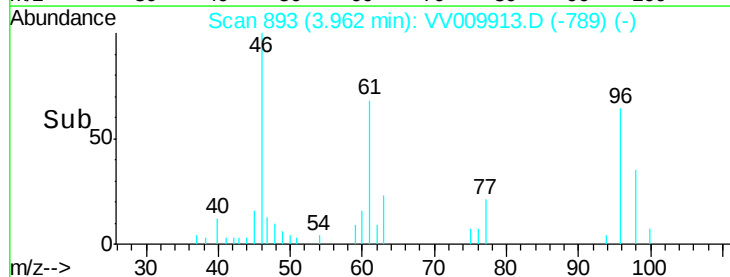
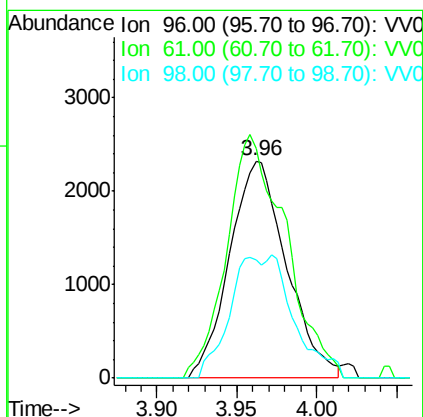
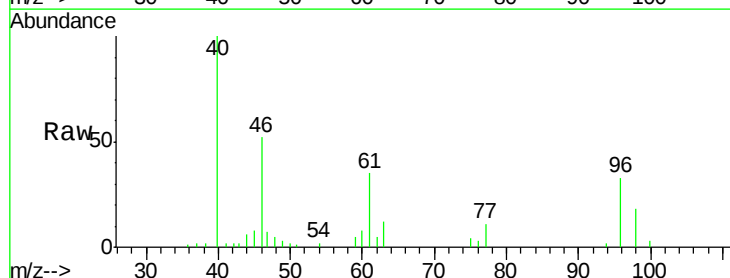
Instrument :
MSVOA_V
ClientSampleId :
BF0K4

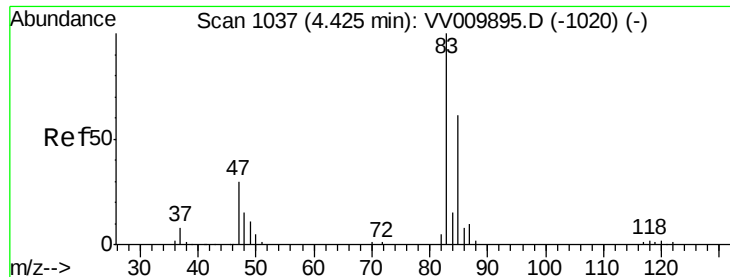
Tgt Ion: 84 Resp: 3629
Ion Ratio Lower Upper
84 100
49 124.3 90.4 167.8
86 74.5 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 2.725 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009913.D
Acq: 26 Mar 2019 23:49

Tgt Ion: 96 Resp: 5669
Ion Ratio Lower Upper
96 100
61 105.9 91.4 169.8
98 54.3 48.0 89.2





#25

Chloroform

Concen: 7.296 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV009913.D

Acq: 26 Mar 2019 23:49

Instrument :

MSVOA_V

ClientSampleId :

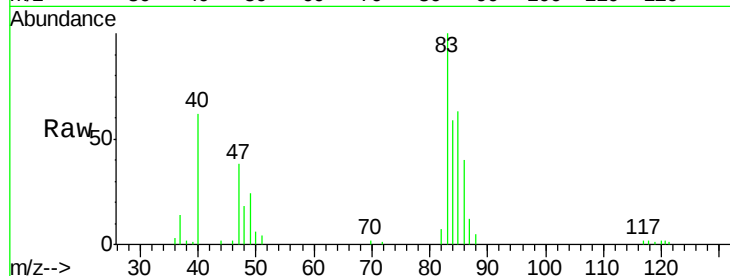
BF0K4

Tgt Ion: 83 Resp: 27795

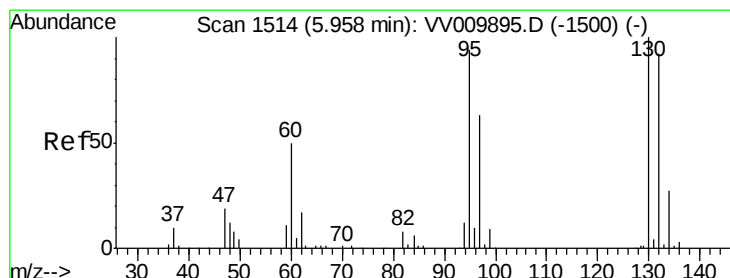
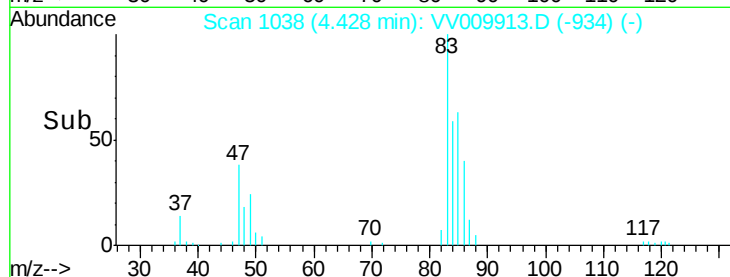
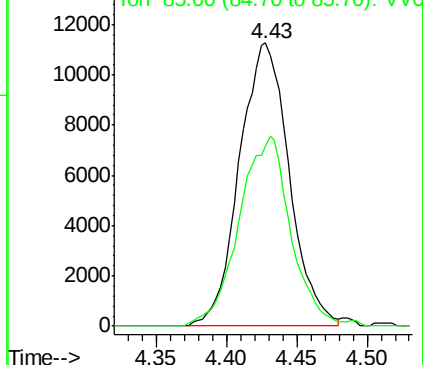
Ion Ratio Lower Upper

83 100

85 69.2 46.1 85.7



Abundance Ion 83.00 (82.70 to 83.70): VV009913.D (-934) (-)



#35

Trichloroethene

Concen: 2.350 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009913.D

Acq: 26 Mar 2019 23:49

Tgt Ion: 95 Resp: 4904

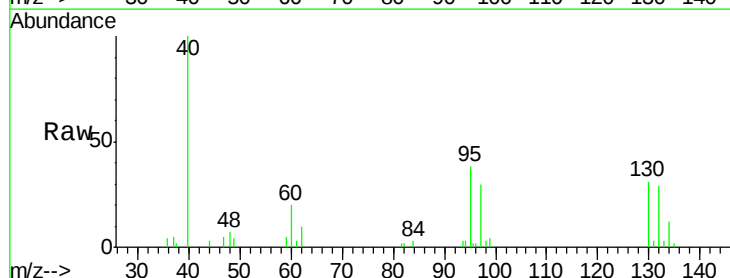
Ion Ratio Lower Upper

95 100

97 71.1 46.3 85.9

132 89.2 69.3 128.7

130 87.2 69.5 129.1



Abundance Ion 95.00 (94.70 to 95.70): VV009913.D (-1411) (-)

