

Data File : VV009921.D

Acq On : 27 Mar 2019 12:14

Operator : SY/MD

Sample : K2101-01

Misc : 6.82G/10mL/MSVOA_V/SOIL

ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0J9

Quant Time: Mar 28 05:47:51 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M

Quant Title : VOC Analysis

QLast Update : Thu Mar 28 05:12:38 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	186536	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	173784	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69687	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82506	21.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.20%
7) Chloroethane-d5	1.56	69	96478	23.60	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.40%
10) 1,1-Dichloroethene-d2	2.12	63	186127	17.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.92%
20) 2-Butanone-d5	3.93	46	28009	39.71	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.42%
24) Chloroform-d	4.39	84	91353	19.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.88%
26) 1,2-Dichloroethane-d4	5.08	65	64130	22.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.68%
29) Benzene-d6	5.09	84	238029	26.08	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.32%
33) 1,2-Dichloropropane-d6	6.11	67	69993	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.84%
37) Toluene-d8	7.36	98	212427	24.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.36%
38) trans-1,3-Dichloropropene-	7.66	79	22467	20.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.28%
39) 2-Hexanone-d5	8.13	63	18928	37.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.96%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51566	19.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.04%
61) 1,2-Dichlorobenzene-d4	11.67	152	62841	23.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.76%

Target Compounds

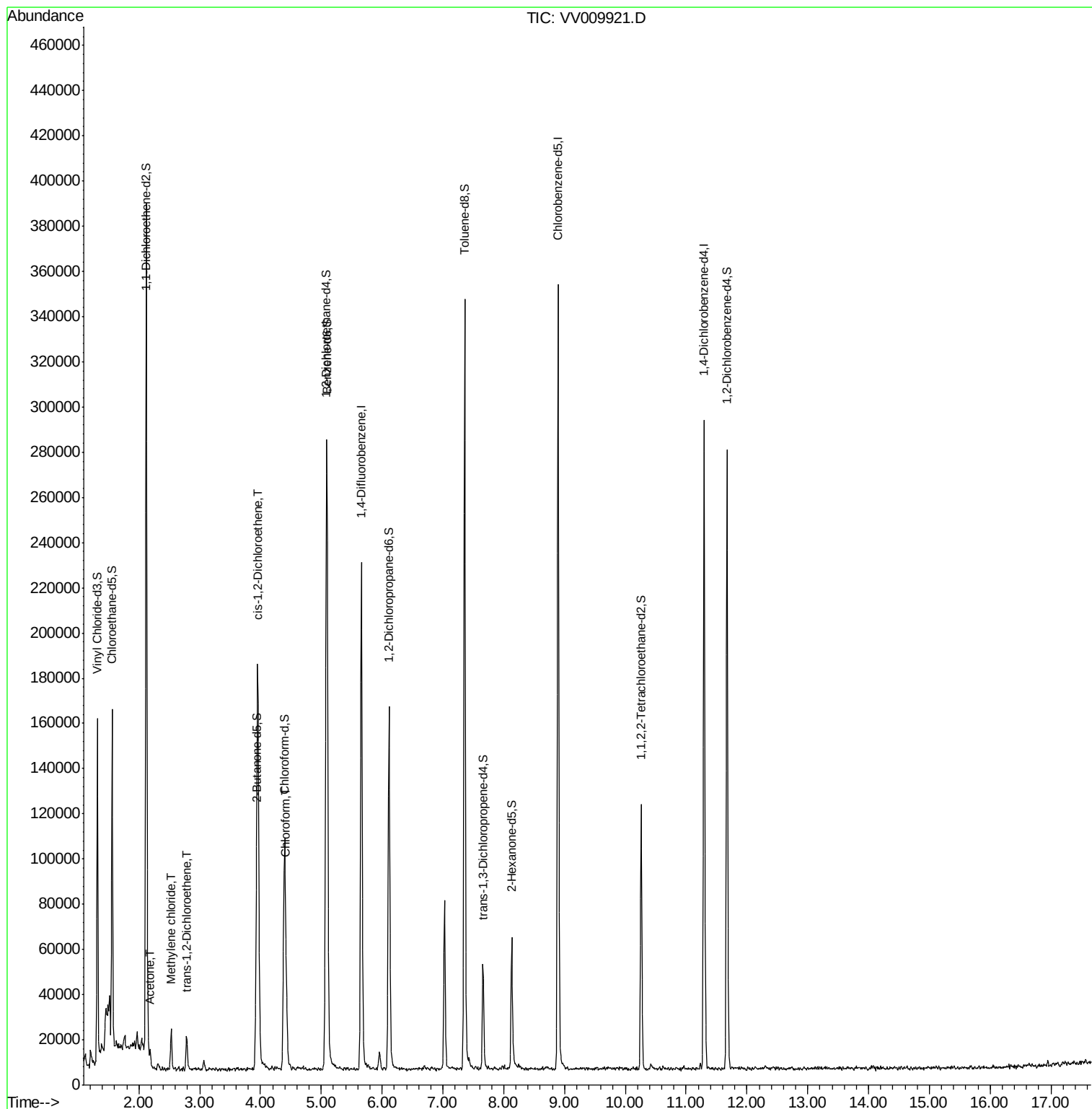
						Qvalue
13) Acetone	2.18	43	5633	5.274	ug/L	91
16) Methylene chloride	2.53	84	6180	2.012	ug/L	92
18) trans-1,2-Dichloroethene	2.79	96	5378	2.200	ug/L	87
22) cis-1,2-Dichloroethene	3.96	96	92619	34.319	ug/L	97
25) Chloroform	4.42	83	25453	5.150	ug/L #	67

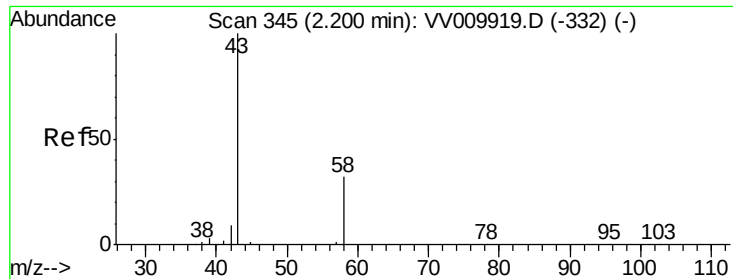
(#)=qualifier out of range (m)=manual integration (+)=signals summed

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#13

Acetone

Concen: 5.274 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.02 min

Lab File: VV009921.D

Acq: 27 Mar 2019 12:14

Instrument :

MSVOA_V

ClientSampleId :

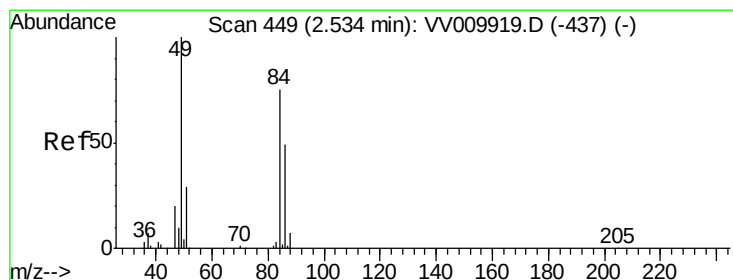
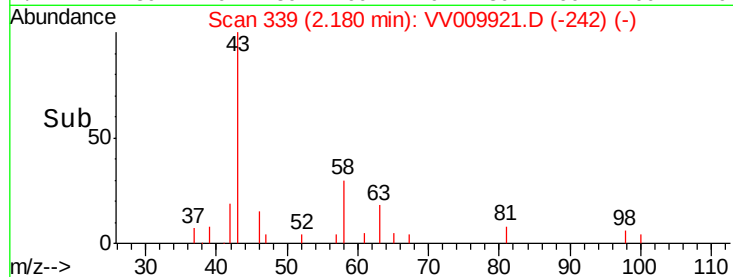
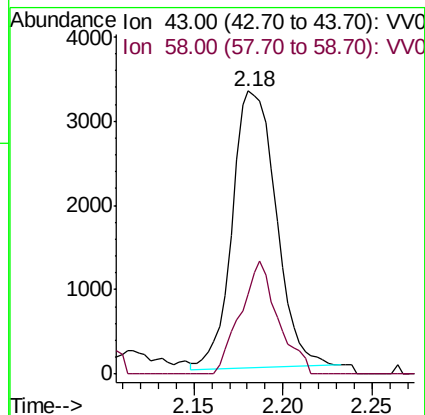
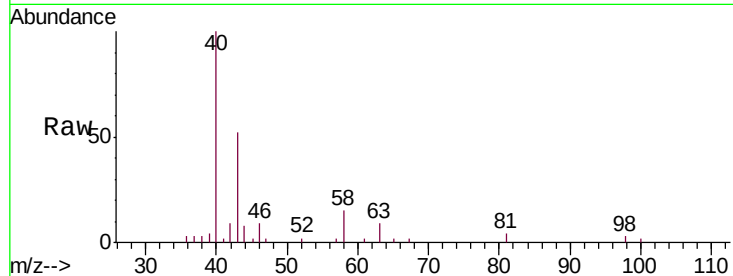
BF0J9

Tgt Ion: 43 Resp: 5633

Ion Ratio Lower Upper

43 100

58 34.7 0.0 59.4



#16

Methylene chloride

Concen: 2.012 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

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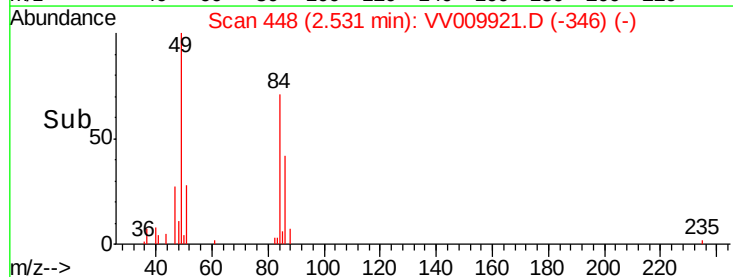
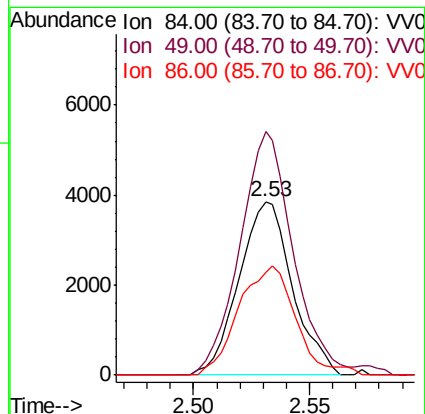
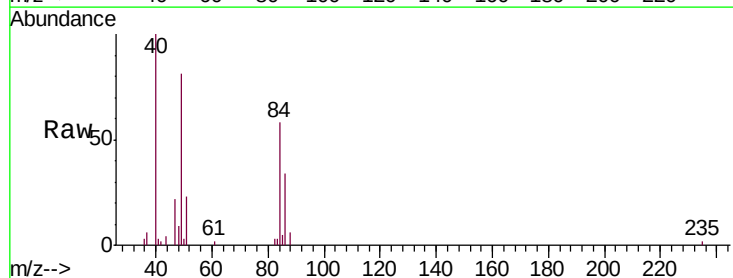
Tgt Ion: 84 Resp: 6180

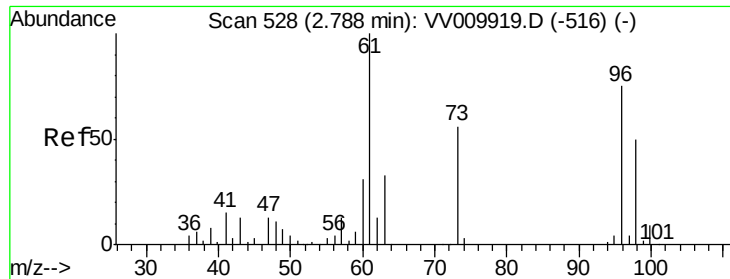
Ion Ratio Lower Upper

84 100

49 140.4 90.4 167.8

86 59.0 44.0 81.6

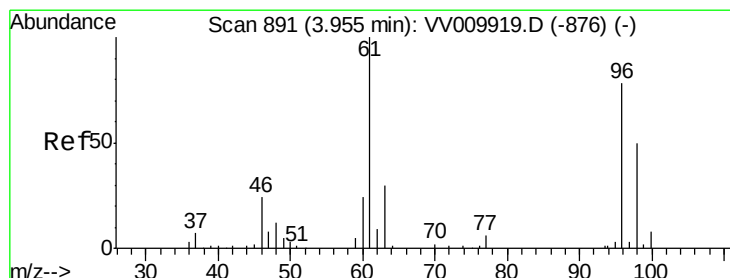
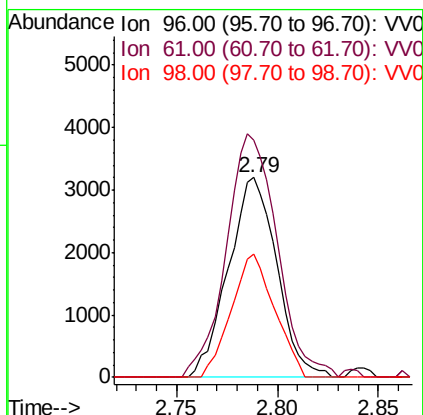
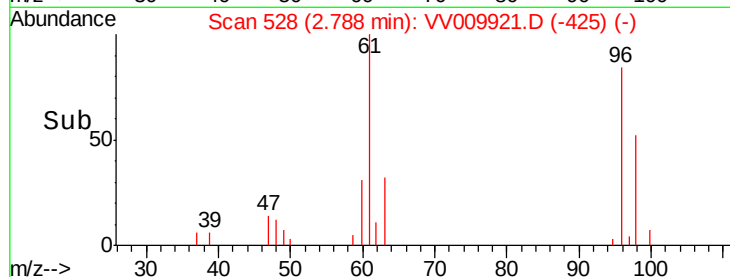
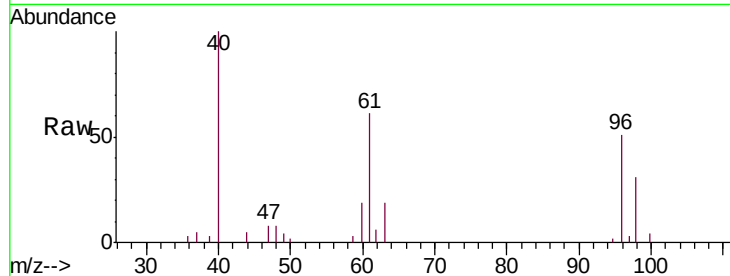




#18
trans-1,2-Dichloroethene
Concen: 2.200 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV009921.D
Acq: 27 Mar 2019 12:14

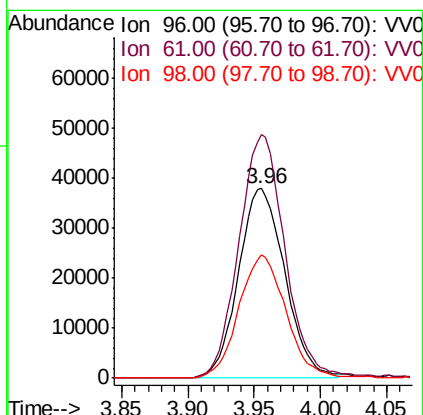
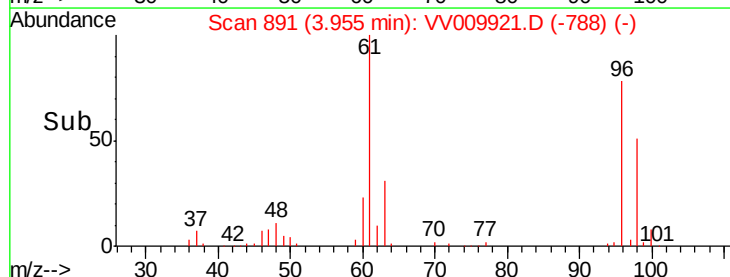
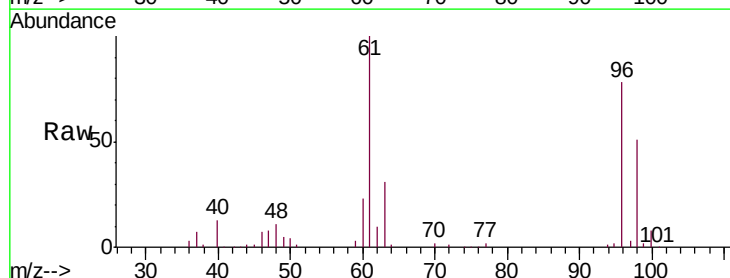
Instrument :
MSVOA_V
ClientSampled :
BF0J9

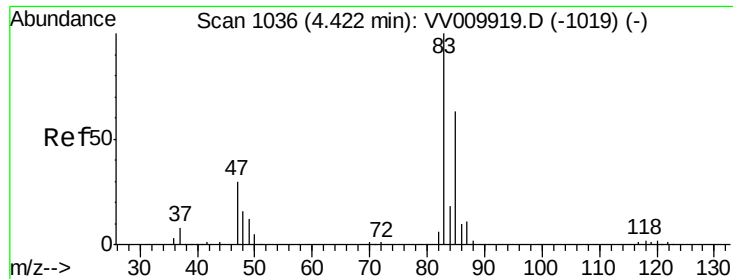
Tgt Ion: 96 Resp: 5378
Ion Ratio Lower Upper
96 100
61 118.9 96.8 179.8
98 61.4 46.1 85.7



#22
cis-1,2-Dichloroethene
Concen: 34.319 ug/L
RT: 3.96 min Scan# 891
Delta R.T. 0.00 min
Lab File: VV009921.D
Acq: 27 Mar 2019 12:14

Tgt Ion: 96 Resp: 92619
Ion Ratio Lower Upper
96 100
61 128.4 91.4 169.8
98 65.0 48.0 89.2





#25

Chloroform

Concen: 5.150 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV009921.D

Acq: 27 Mar 2019 12:14

Instrument :

MSVOA_V

ClientSampleId :

BF0J9

Tgt Ion: 83 Resp: 25453

Ion Ratio Lower Upper

83 100

85 39.8 46.1 85.7#

