

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
 Data File : VV010204.D
 Acq On : 09 Apr 2019 05:01
 Operator : SY/MD
 Sample : K2254-21
 Misc : 4.97G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFC42

Quant Time: Apr 09 07:40:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 09 07:35:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	246595	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	228430	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95833	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	46369	14.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.20%
7) Chloroethane-d5	1.56	69	68605	16.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.92%
10) 1,1-Dichloroethene-d2	2.12	63	107773	12.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.76%
20) 2-Butanone-d5	3.93	46	42323	45.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.10%
24) Chloroform-d	4.40	84	146546	23.59	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	5.08	65	90339	25.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.96%
29) Benzene-d6	5.09	84	292783	24.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.88%
33) 1,2-Dichloropropane-d6	6.11	67	95183	27.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.92%
37) Toluene-d8	7.36	98	255165	22.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.44%
38) trans-1,3-Dichloropropene-	7.66	79	28850	19.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.20%
39) 2-Hexanone-d5	8.13	63	29232	41.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.38%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	74065	21.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.92%
61) 1,2-Dichlorobenzene-d4	11.68	152	93053	24.93	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.72%

Target Compounds

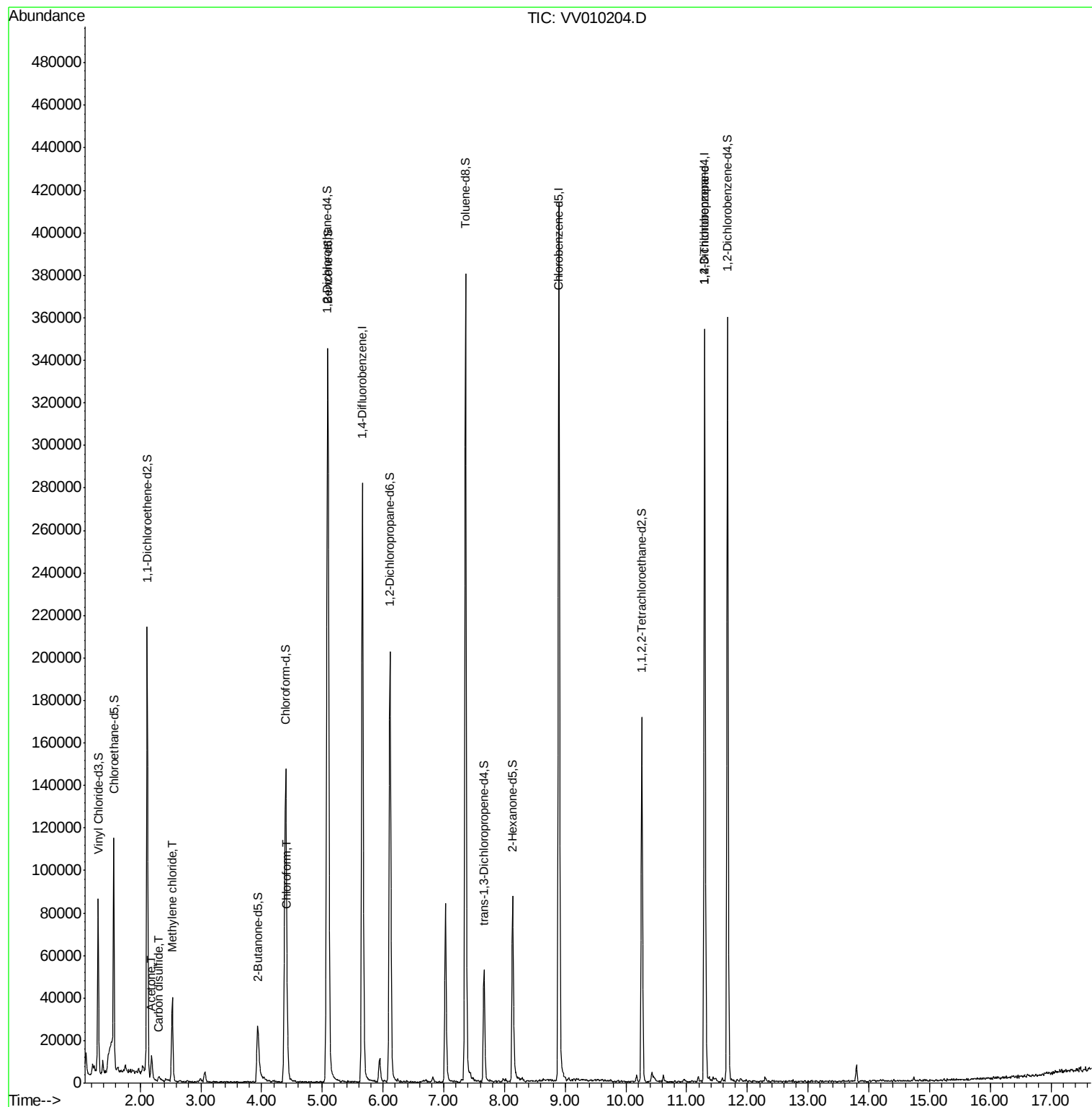
					Ovalue
13) Acetone	2.19	43	11500	12.382 ug/L	97
14) Carbon disulfide	2.31	76	2309	0.330 ug/L #	94
16) Methylene chloride	2.53	84	16467	3.801 ug/L	98
25) Chloroform	4.43	83	8292	1.479 ug/L	93
59) 1,2,3-Trichloropropane	11.30	75	11261	4.886 ug/L #	88

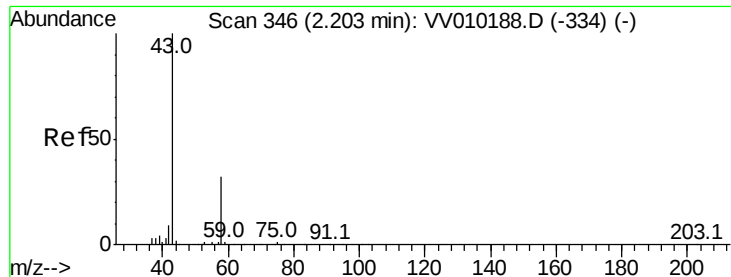
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.382 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010204.D

Acq: 09 Apr 2019 05:01

Instrument :

MSVOA_V

ClientSampled :

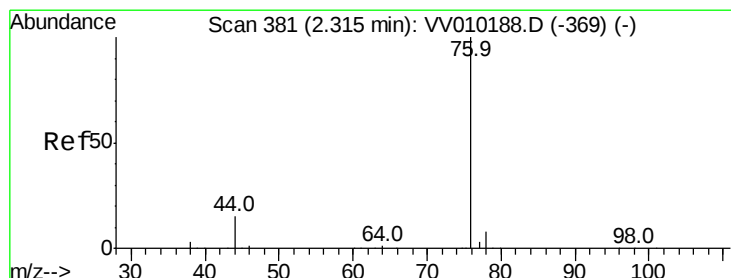
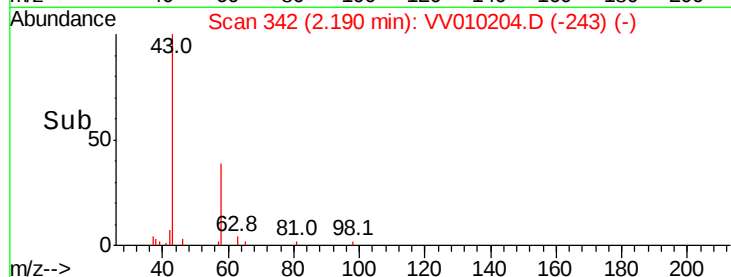
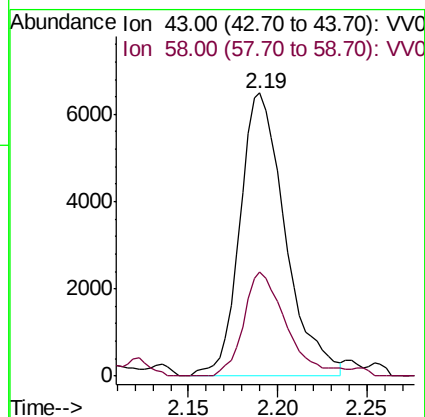
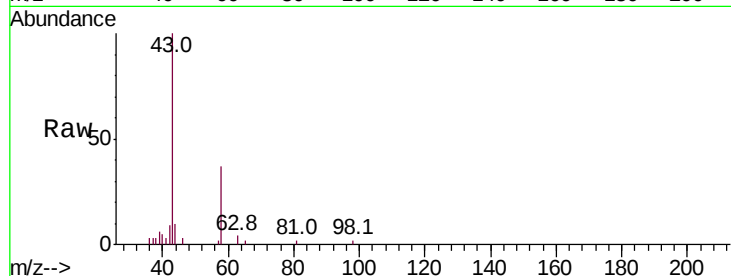
BFC42

Tot Ion: 43 Resp: 11500

Ion Ratio Lower Upper

43 100

58 33.7 0.0 64.6



#14

Carbon disulfide

Concen: 0.330 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VV010204.D

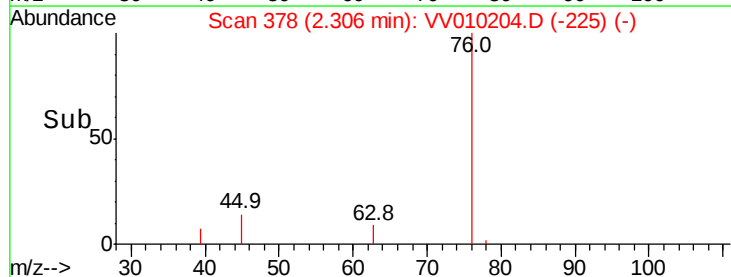
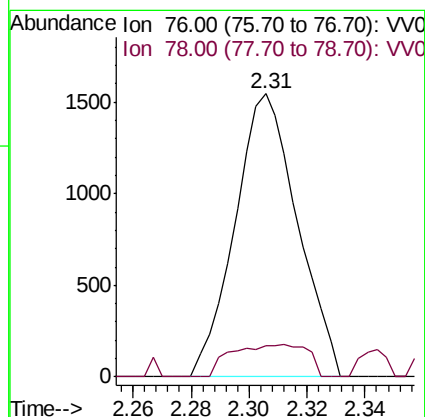
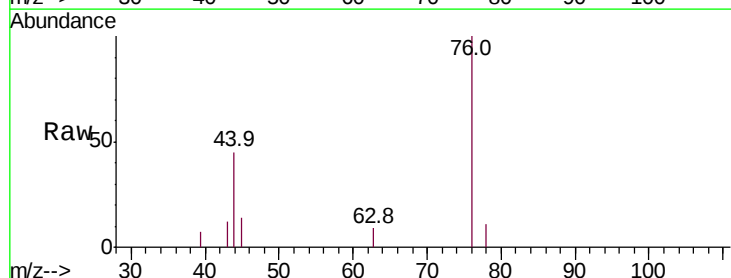
Acq: 09 Apr 2019 05:01

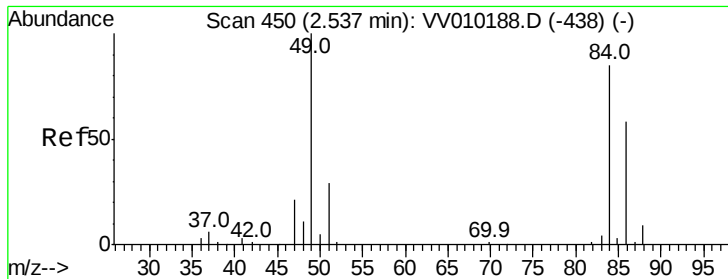
Tgt Ion: 76 Resp: 2309

Ion Ratio Lower Upper

76 100

78 10.9 7.1 10.7#

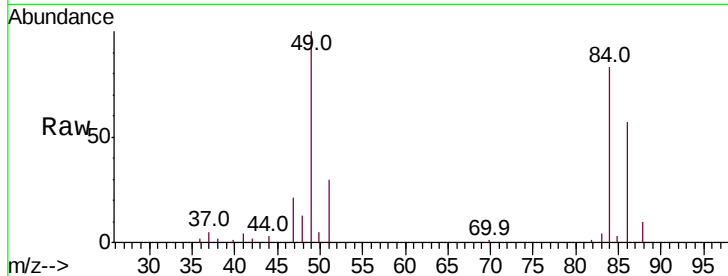




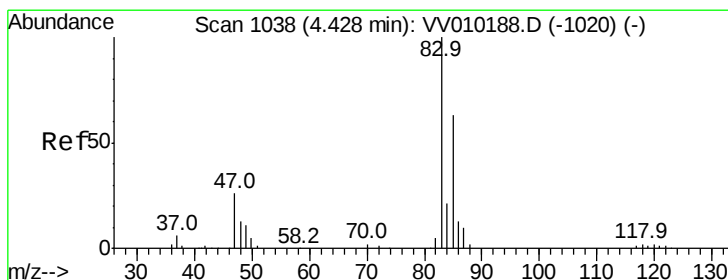
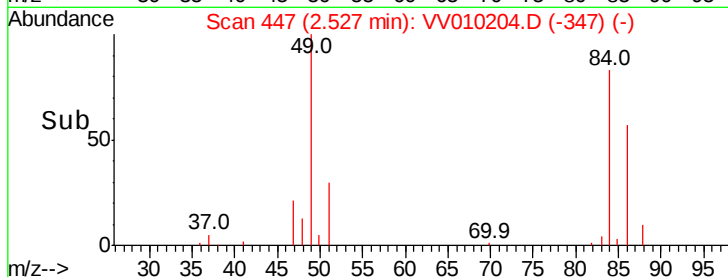
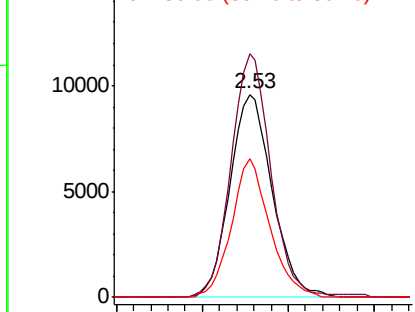
#16
Methvlene chloride
Concen: 3.801 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.01 min
Lab File: VV010204.D
Acq: 09 Apr 2019 05:01

Instrument :
MSVOA_V
ClientSampled :
BFC42

Tot Ion: 84 Resp: 16467
Ion Ratio Lower Upper
84 100
49 119.9 84.3 156.5
86 67.9 45.4 84.2

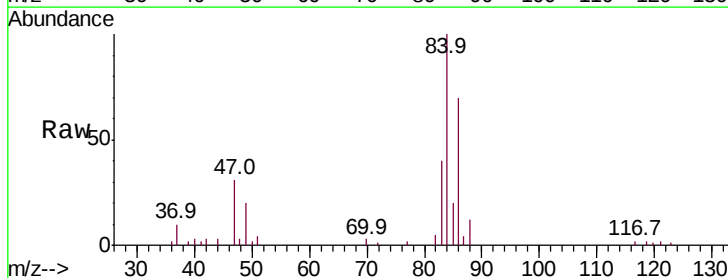


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

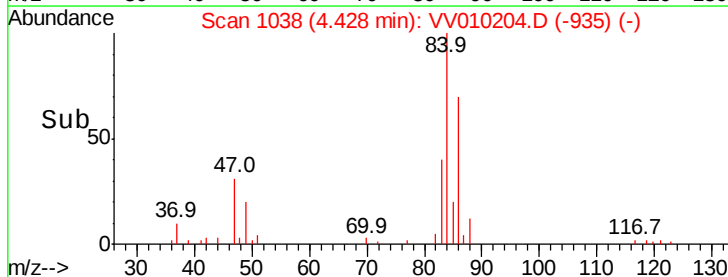
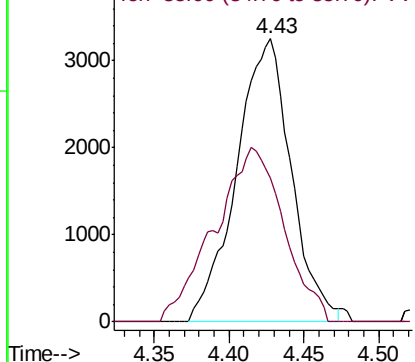


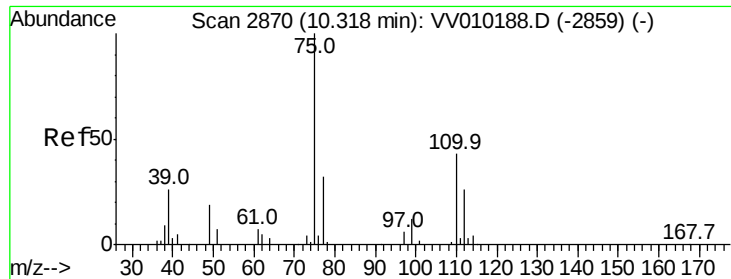
#25
Chloroform
Concen: 1.479 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV010204.D
Acq: 09 Apr 2019 05:01

Tgt Ion: 83 Resp: 8292
Ion Ratio Lower Upper
83 100
85 61.0 46.4 86.2



Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 85.00 (84.70 to 85.70): VV0





#59

1,2,3-Trichloropropane

Concen: 4.886 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010204.D

Acq: 09 Apr 2019 05:01

Instrument :

MSVOA_V

ClientSampleId :

BFC42

Tot Ion: 75 Resp: 11261

Ion Ratio Lower Upper

75 100

77 39.2 25.8 38.8#

