

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040219\
 Data File : VV010077.D
 Acq On : 03 Apr 2019 00:08
 Operator : SY/MD
 Sample : K2148-14
 Misc : 5.40G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G1

Manual Integrations
 APPROVED

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 4/7/2019 11:52:43 AM

Quant Time: Apr 05 15:12:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 03 06:44:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	99769	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	84137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21694	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17851	13.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.48%
7) Chloroethane-d5	1.58	69	33074	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.76%
10) 1,1-Dichloroethene-d2	2.12	63	40809	12.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.44%
20) 2-Butanone-d5	3.95	46	41511	109.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	218.44%#
24) Chloroform-d	4.40	84	79806	31.75	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	127.00%
26) 1,2-Dichloroethane-d4	5.08	65	53718	38.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	152.80%#
29) Benzene-d6	5.10	84	140172	32.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	128.52%
33) 1,2-Dichloropropane-d6	6.12	67	55484	43.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	172.36%#
37) Toluene-d8	7.36	98	109529	26.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.20%
38) trans-1,3-Dichloropropene-	7.67	79	6902	12.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	50.16%
39) 2-Hexanone-d5	8.14	63	22816	88.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	176.70%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	56146	44.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	176.84%#
61) 1,2-Dichlorobenzene-d4	11.67	152	27862	32.97	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	131.88%#

Target Compounds					Ovalue
13) Acetone	2.21	43	30015	79.876 ug/L	98
16) Methylene chloride	2.54	84	9405	5.365 ug/L	89
21) 2-Butanone	4.04	43	7582m	18.424 ug/L	

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

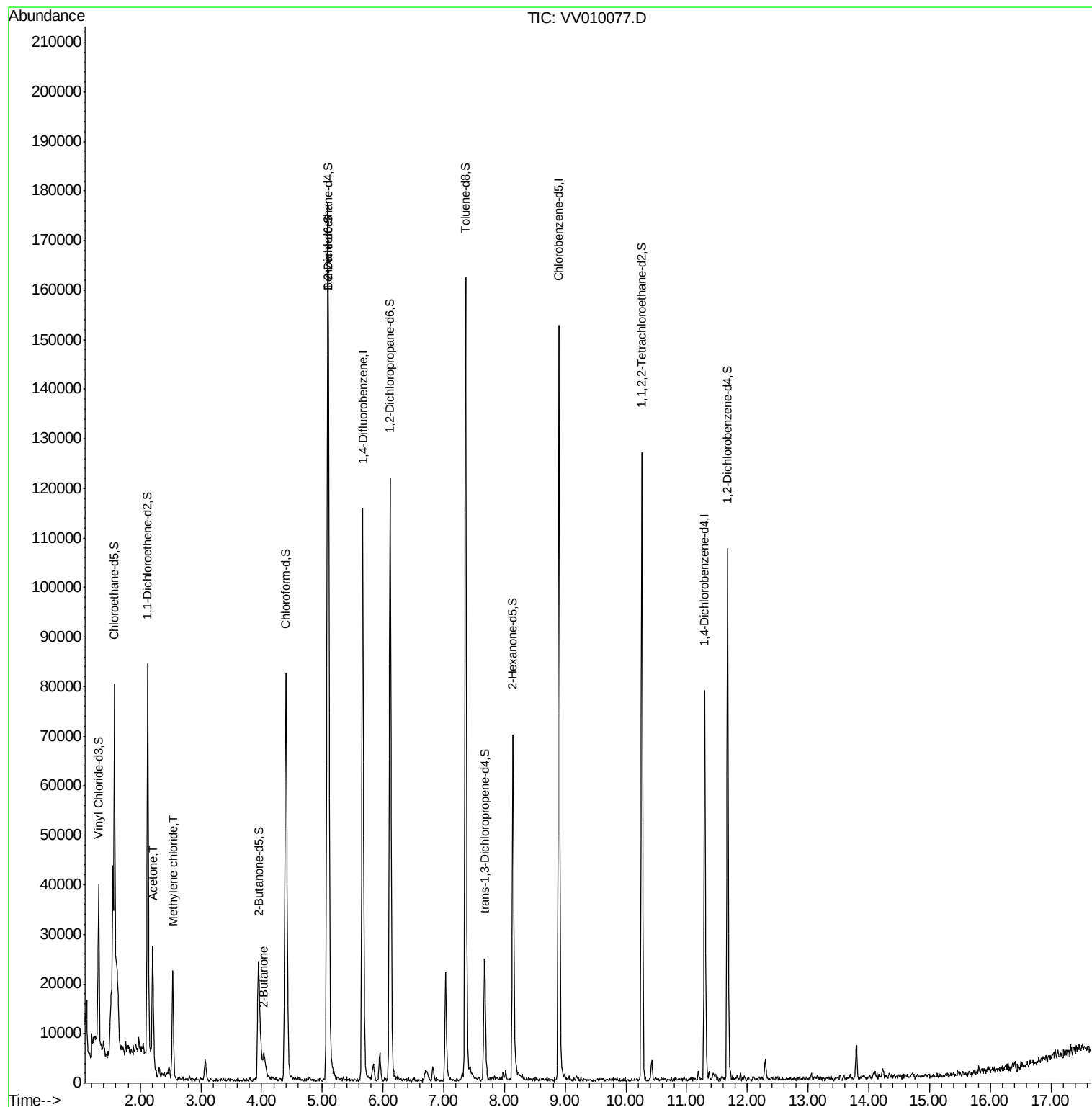
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV040219\
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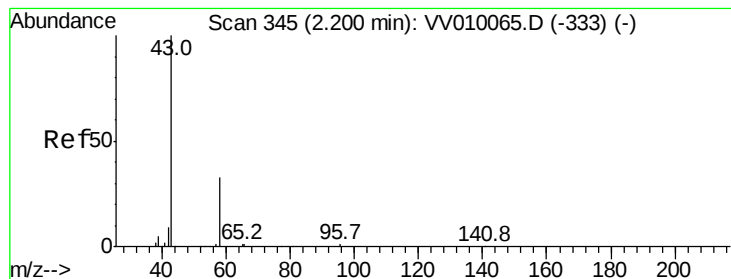
Instrument :
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Quant Title : VOC Analysis
QLast Update : Wed Apr 03 06:44:57 2019
Response via : Initial Calibration





#13

Acetone

Concen: 79.876 ug/L

RT: 2.21 min Scan# 347

Delta R.T. 0.01 min

Lab File: VV010077.D

Acq: 03 Apr 2019 00:08

Instrument :

MSVOA_V

ClientSampleId :

BF5G1

Tot Ion: 43 Resp: 30015

Ion Ratio Lower Upper

43 100

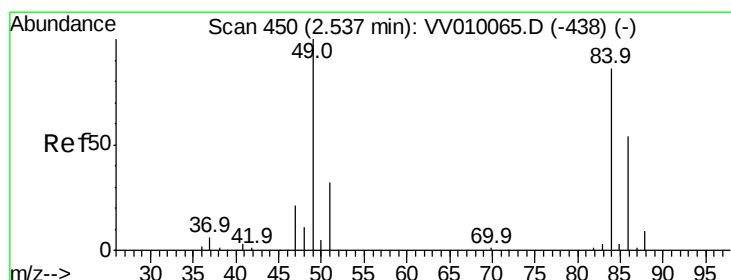
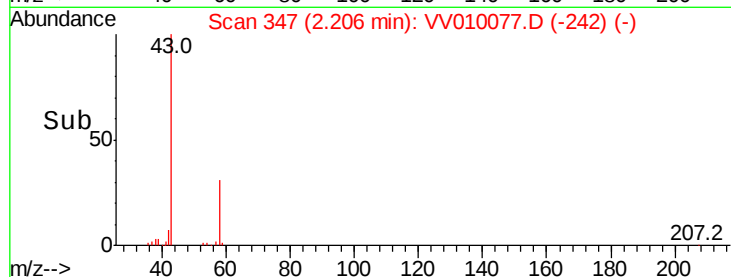
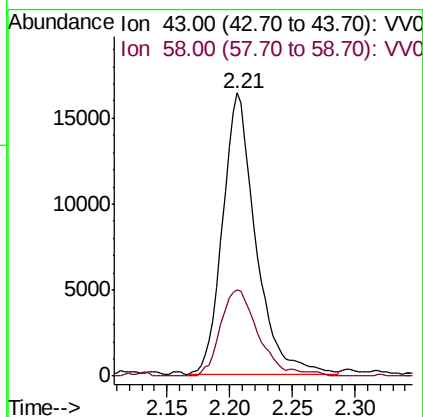
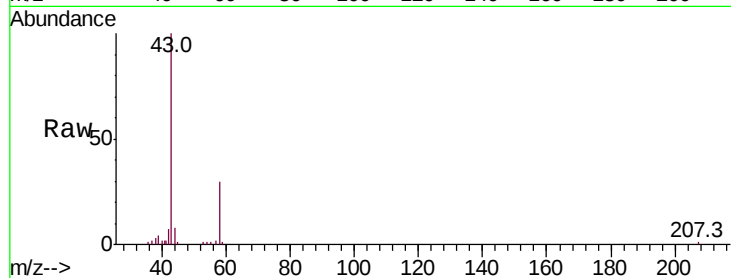
58 33.6 0.0 64.6

Manual Integrations

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#16

Methylene chloride

Concen: 5.365 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV010077.D

Acq: 03 Apr 2019 00:08

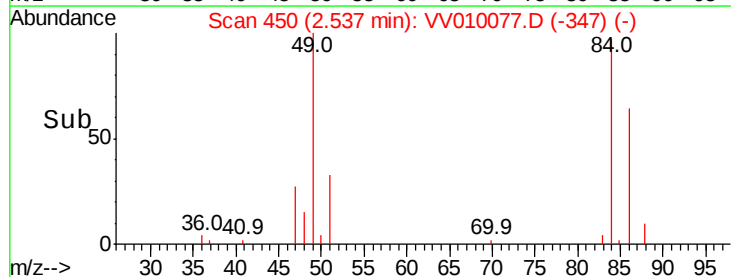
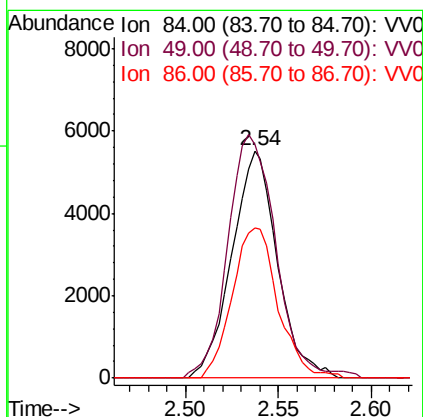
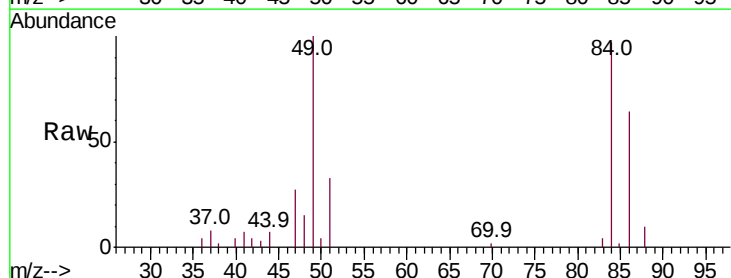
Tgt Ion: 84 Resp: 9405

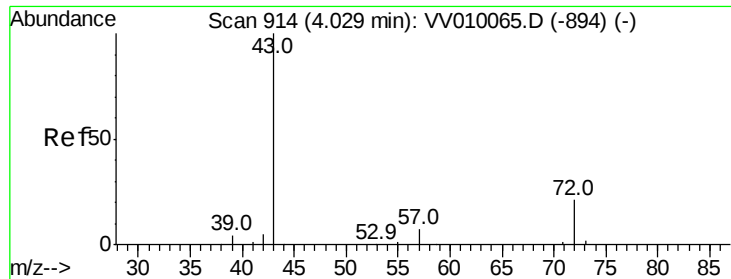
Ion Ratio Lower Upper

84 100

49 102.8 84.3 156.5

86 66.0 45.4 84.2





#21
 2-Butanone
 Concen: 18.424 ug/L m
 RT: 4.04 min Scan# 918
 Delta R.T. 0.01 min
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Tot Ion: 43 Resp: 7582
 Ion Ratio Lower Upper
 43 100
 72 11.6 12.8 38.4#

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