

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032919\

Quantitation Report (QT/LSC Reviewed)

Data File : VV010000.D

Acq On : 29 Mar 2019 14:43

Operator : SY/MD

Sample : K2149-01RE

Misc : 1.69G/10mL/MSVOA_V/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 04:35:47 2019

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

Quant Title : VOC Analysis

QLast Update : Sat Mar 30 04:13:13 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

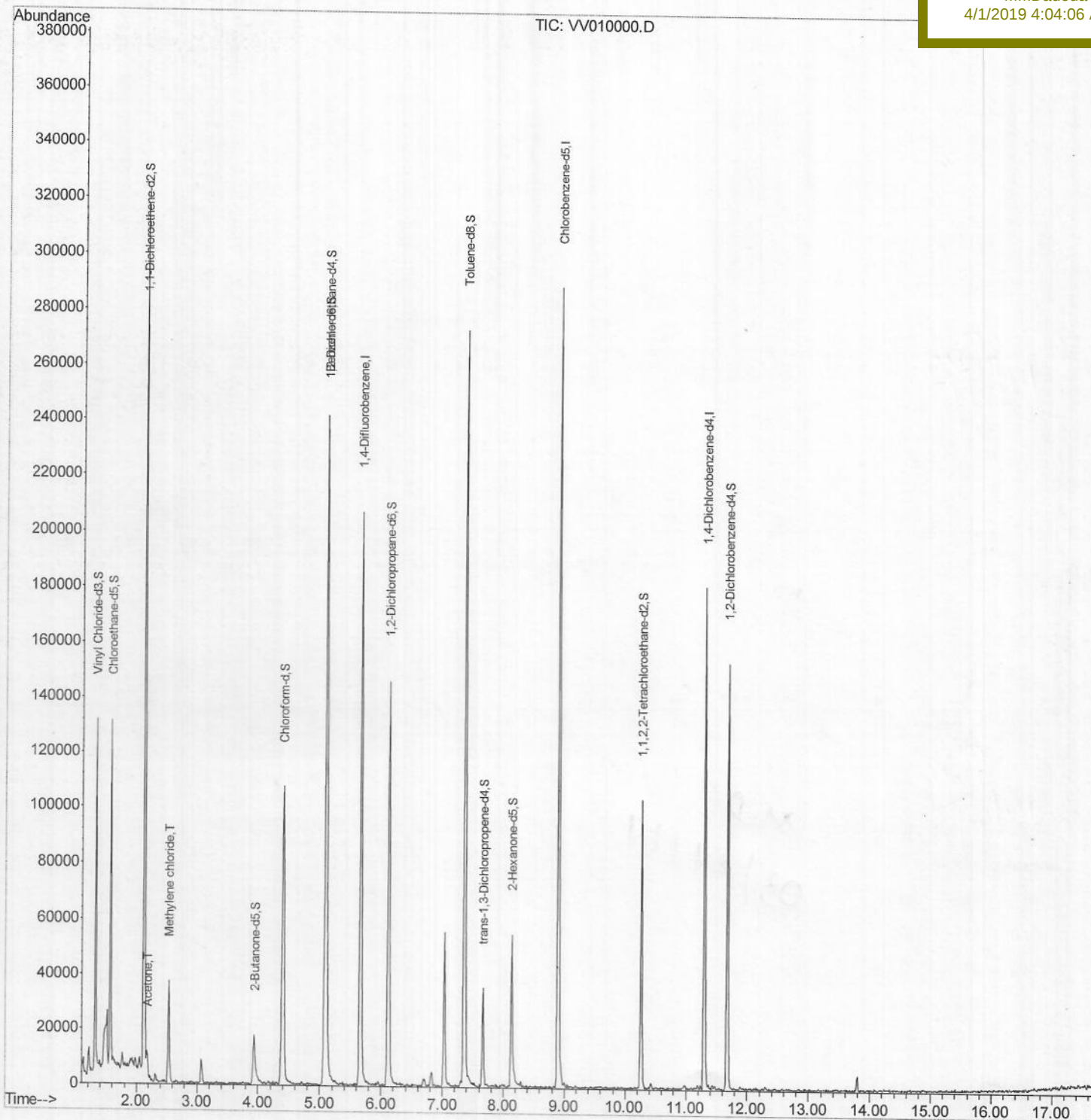
BF5G7RE

Manual Integrations

APPROVED

MMDadoda

4/1/2019 4:04:06 AM



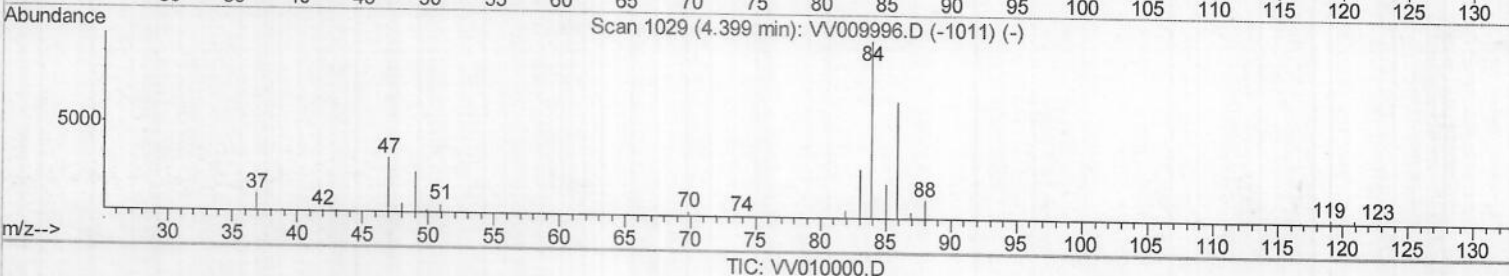
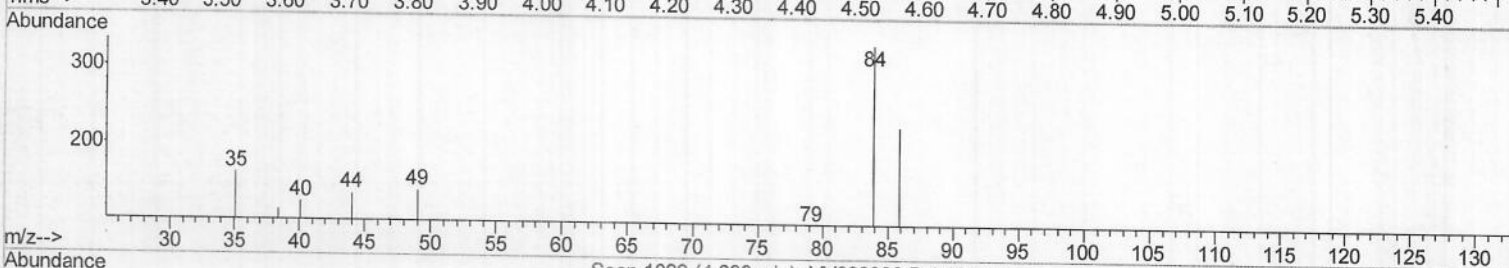
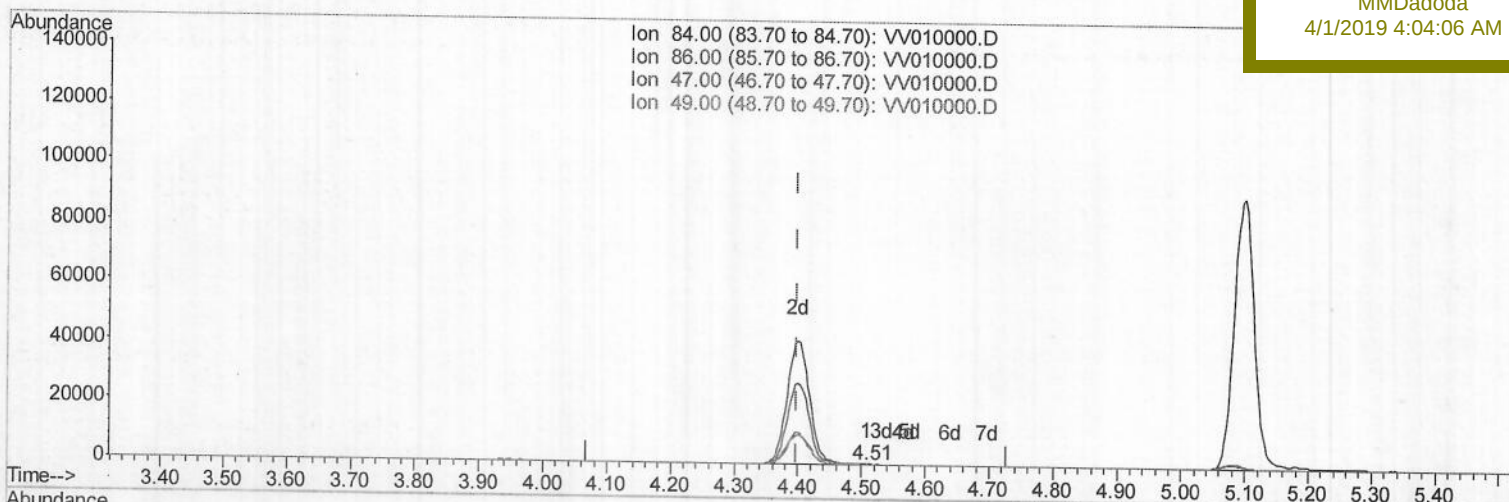
Data File : VV010000.D
Acq On : 29 Mar 2019 14:43
Operator : SY/MD
Sample : K2149-01
Misc : 1.69G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 04:16:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5G7RE

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:04:06 AM



TIC: VV010000.D

(24) Chloroform-d (S)

4.508min (+0.109) 0.05ug/L

response 230

Ion	Exp%	Act%
84.00	100	100
86.00	61.50	52.61
47.00	49.10	42.61
49.00	31.70	33.91

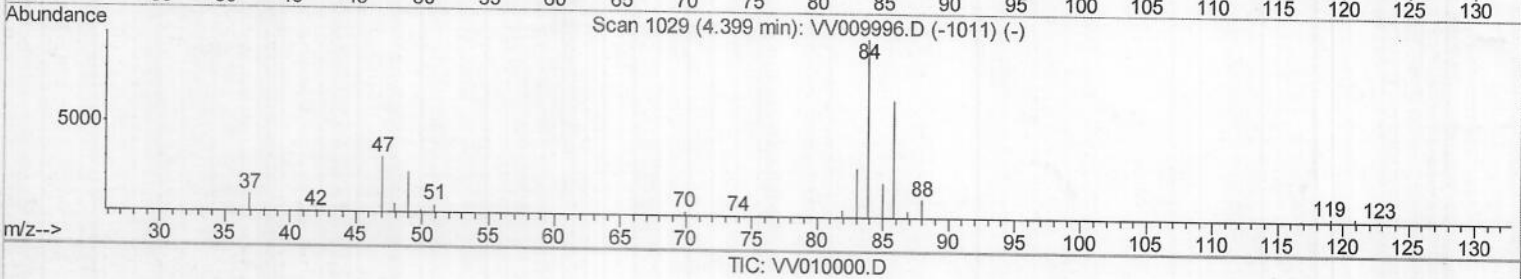
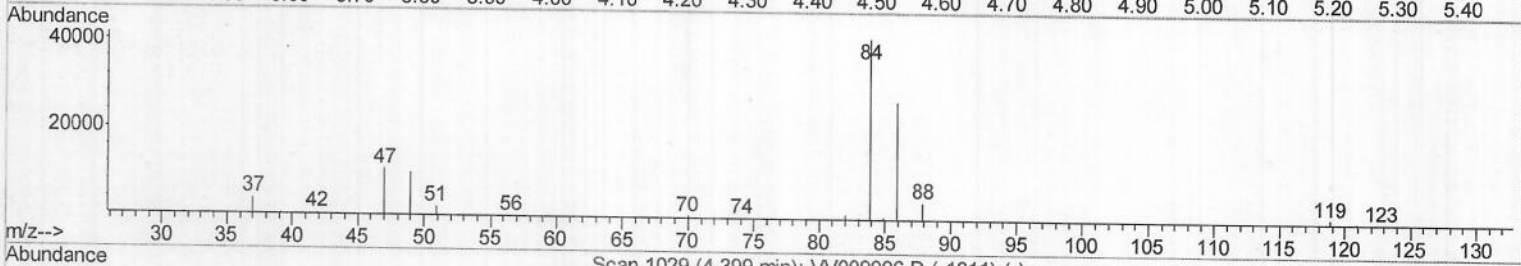
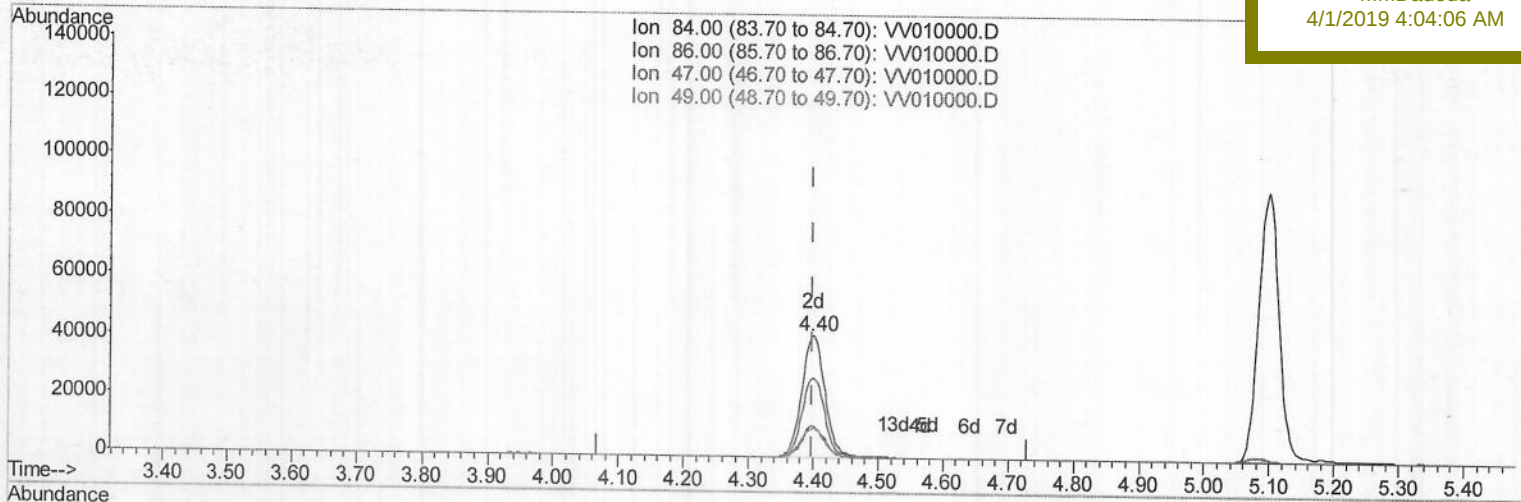
Data File : VV010000.D
Acq On : 29 Mar 2019 14:43
Operator : SY/MD
Sample : K2149-01
Misc : 1.69G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 04:16:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF5G7RE

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:04:06 AM



(24) Chloroform-d (S)

4.399min (+0.000) 23.92ug/L m

response 102260

Ion	Exp%	Act%
84.00	100	100
86.00	61.50	0.12#
47.00	49.10	0.10#
49.00	31.70	0.08#

M.D
4/1/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032919\

Quantitation Report (QT/LSC Reviewed)

Data File : VV010000.D

Acq On : 29 Mar 2019 14:43

Operator : SY/MD

Sample : K2149-01RE

Misc : 1.69G/10mL/MSVOA_V/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 30 04:35:47 2019

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

Quant Title : VOC Analysis

QLast Update : Sat Mar 30 04:13:13 2019

Response via : Initial Calibration

Instrument :

MSVOA_V

Client Sample ID :

BF5G7RE

Manual Integrations

APPROVED

MMDadoda

4/1/2019 4:04:06 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.66	114	167834	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149826	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46046	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69847	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.04%
7) Chloroethane-d5	1.57	69	80058	21.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.04%
10) 1,1-Dichloroethene-d2	2.13	63	158852	17.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.20%
20) 2-Butanone-d5	3.94	46	25095	39.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.08%
24) Chloroform-d	4.40	84	102260m	23.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.68%
26) 1,2-Dichloroethane-d4	5.08	65	61569	23.93	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.72%
29) Benzene-d6	5.10	84	201004	25.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.20%
33) 1,2-Dichloropropane-d6	6.12	67	60279	26.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.76%
37) Toluene-d8	7.36	98	171225	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.96%
38) trans-1,3-Dichloropropene-	7.66	79	16902	17.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.80%
39) 2-Hexanone-d5	8.13	63	17798	41.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44534	19.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.16%
61) 1,2-Dichlorobenzene-d4	11.68	152	37971	21.66	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.64%

Target Compounds

					Qvalue
13) Acetone	2.19	43	5412	5.632 ug/L	91
16) Methylene chloride	2.53	84	14418	5.217 ug/L	98

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