

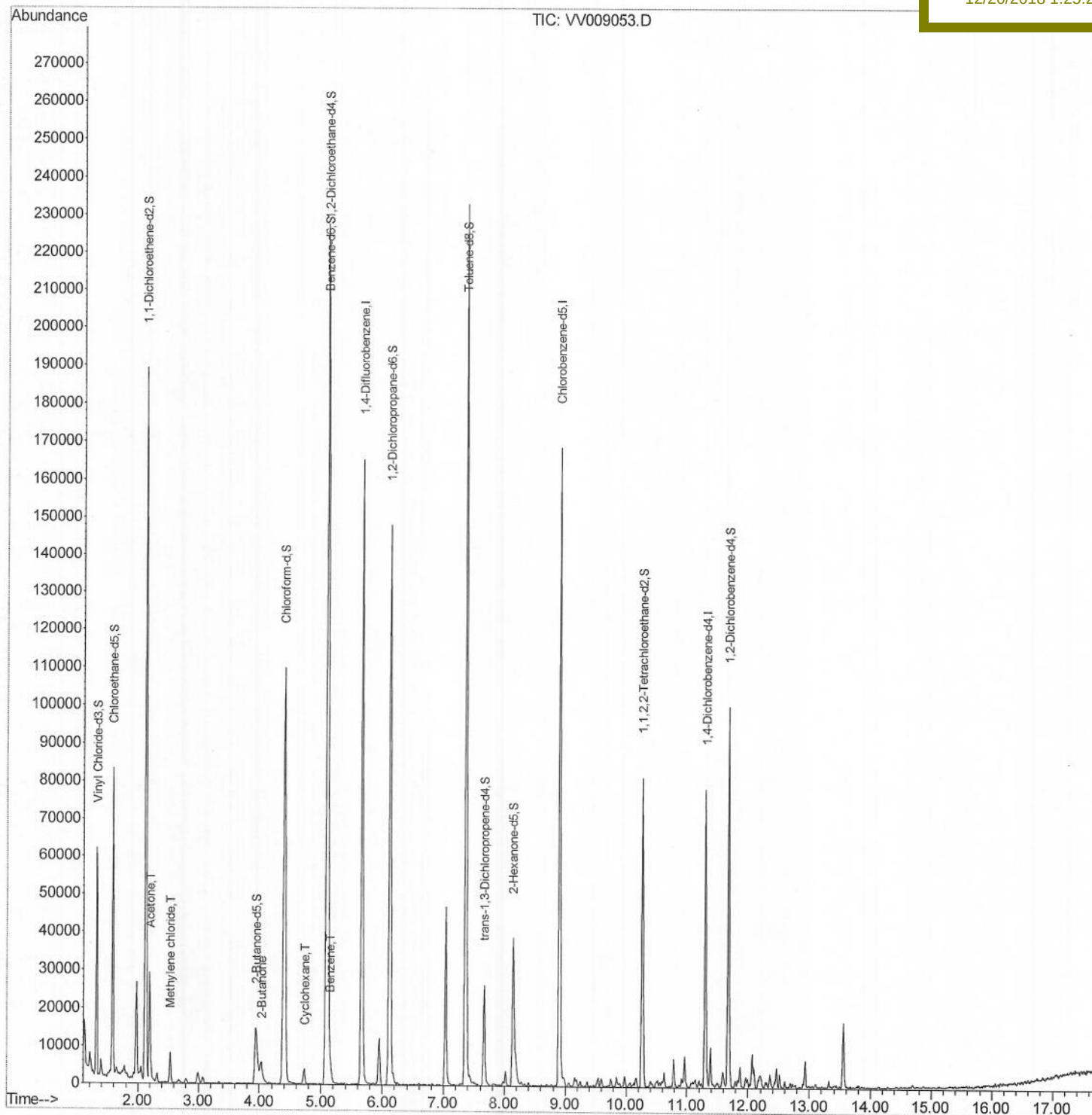
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
Data File : VV009053.D
Acq On : 19 Dec 2018 16:18
Operator : SY/MD
Sample : J6441-03
Misc : 4.33G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE814

Quant Time: Dec 20 03:11:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 01:58:47 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
12/20/2018 1:25:25 PM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
Quantitation Report (Qedit)

Data File : VV009053.D

Acq On : 19 Dec 2018 16:18

Operator : SY/MD

Sample : J6441-03

Misc : 4.33G/10ML/MSVOA_V/SOIL

ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 20 02:02:54 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M

Quant Title : VOC Analysis

QLast Update : Thu Dec 20 01:58:47 2018

Response via : Initial Calibration

Instrument :

MSVOA_V

ClientSampleId :

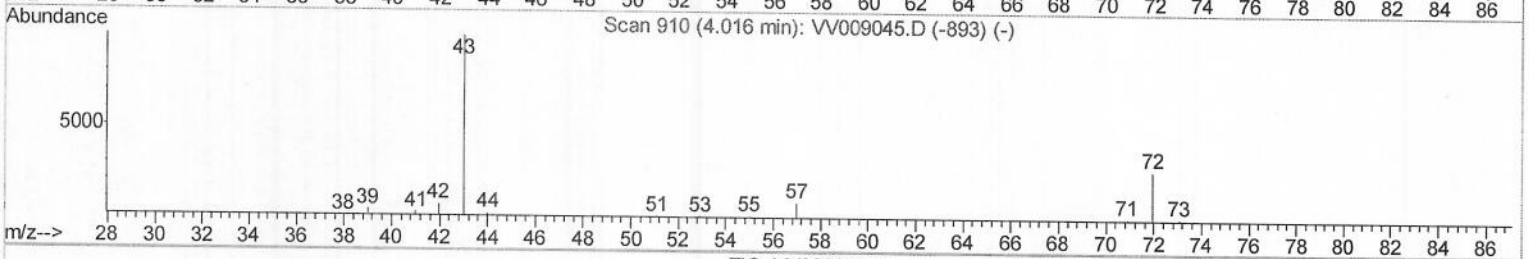
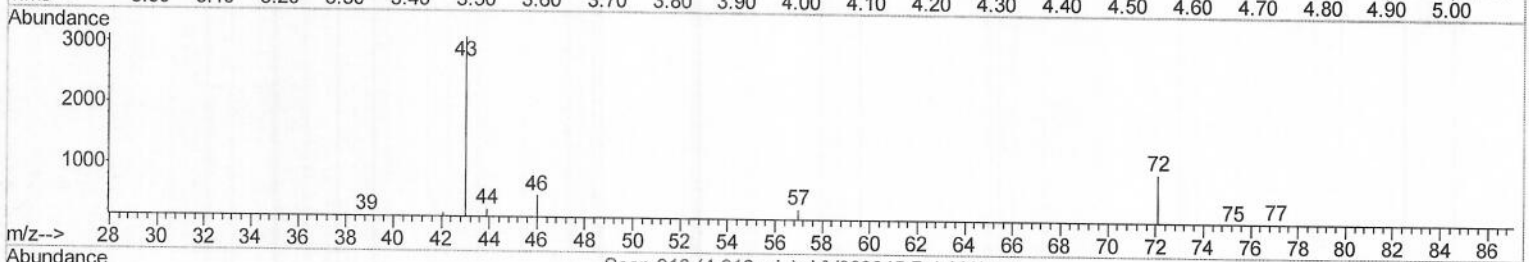
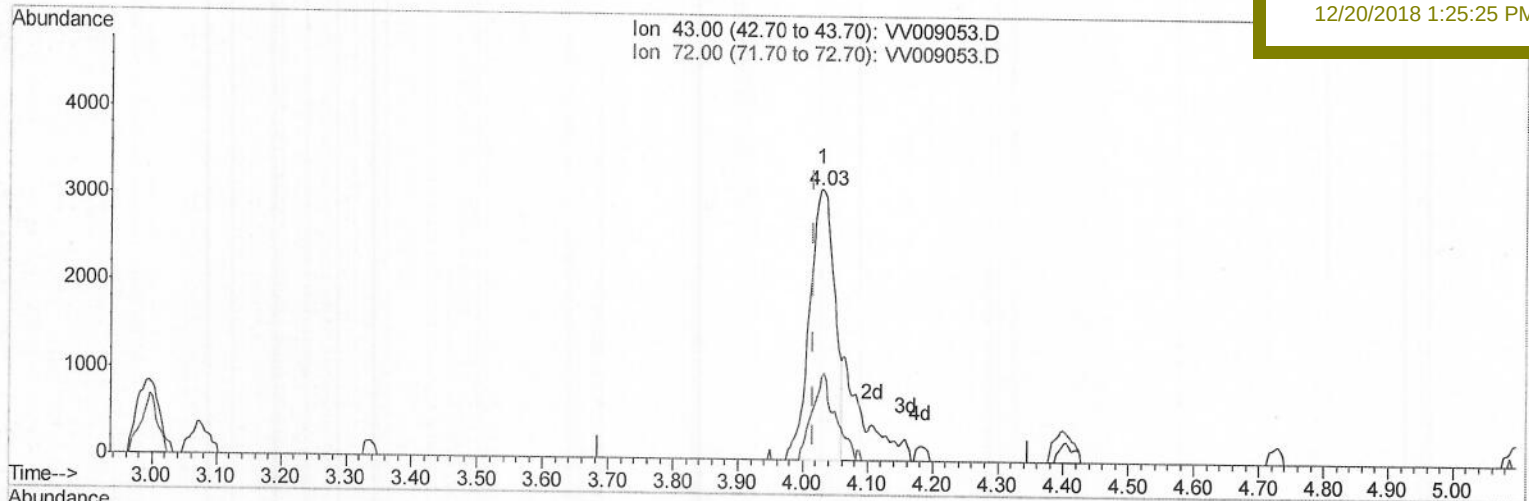
BE814

Manual Integrations

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MMDadoda

12/20/2018 1:25:25 PM



TIC: VV009053.D

(21) 2-Butanone

4.029min (+0.013) 10.91ug/L

response 8178

Ion	Exp%	Act%
43.00	100	100
72.00	27.40	22.24
0.00	0.00	0.00
0.00	0.00	0.00

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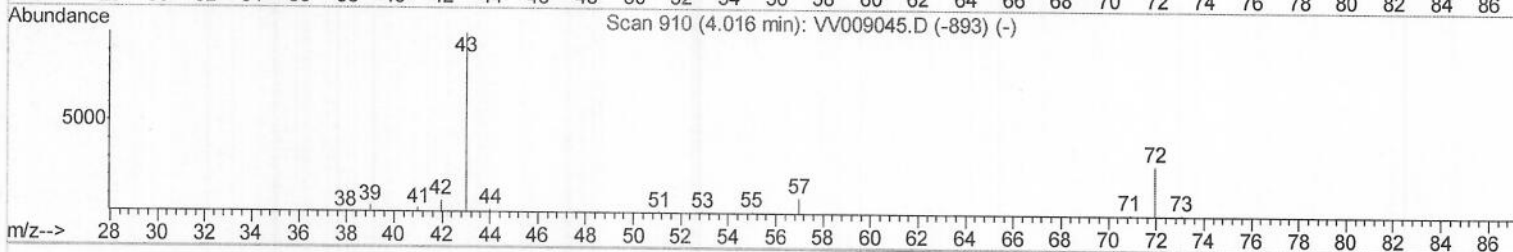
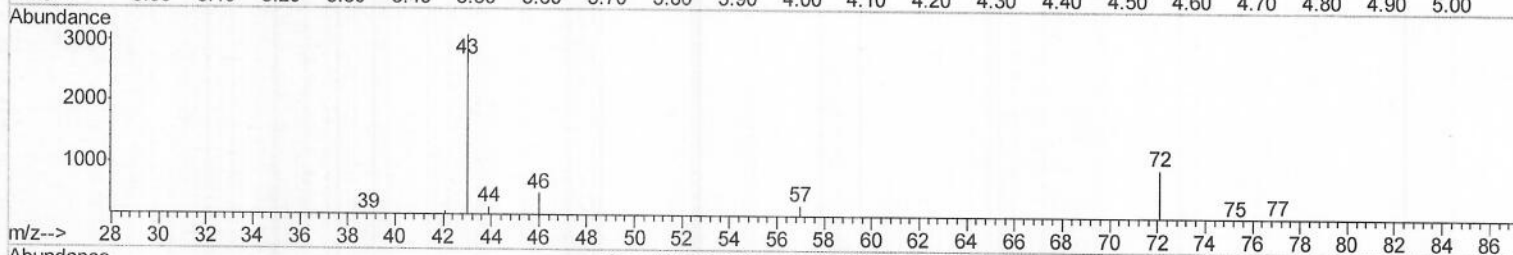
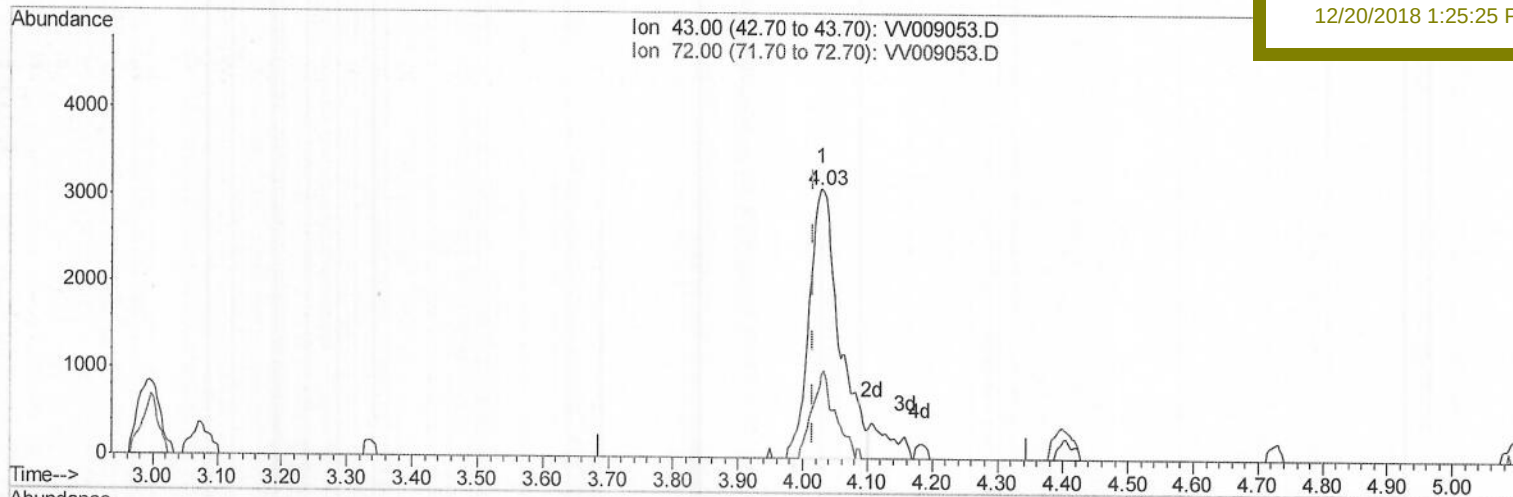
MSVOA_V

ClientSampleId :

BE814

Manual Integrations
APPROVED

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12/20/2018 1:25:25 PM



(21) 2-Butanone

4.029min (+0.013) 13.34ug/L m

response 9996

Ion Exp% Act%

43.00 100 100

72.00 27.40 18.20

0.00 0.00 0.00

0.00 0.00 0.00

SY
12/28/18

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121918\
 Data File : VV009053.D
 Acq On : 19 Dec 2018 16:18
 Operator : SY/MD
 Sample : J6441-03
 Misc : 4.33G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE814

Quant Time: Dec 20 03:11:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 20 01:58:47 2018
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 12/20/2018 1:25:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.67	114	144018	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96457	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	21725	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35816	24.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.12%
7) Chloroethane-d5	1.58	69	49008	44.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	178.04%#
10) 1,1-Dichloroethene-d2	2.13	63	101313	27.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.76%
20) 2-Butanone-d5	3.94	46	26578	48.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.96%
24) Chloroform-d	4.40	84	115093	33.24	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	132.96%
26) 1,2-Dichloroethane-d4	5.08	65	57642	30.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.04%
29) Benzene-d6	5.10	84	207927	38.60	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	154.40%#
33) 1,2-Dichloropropane-d6	6.12	67	71819	47.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	190.48%#
37) Toluene-d8	7.36	98	158586	31.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	127.24%
38) trans-1,3-Dichloropropene-	7.67	79	15236	22.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.96%
39) 2-Hexanone-d5	8.14	63	13149	47.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	37734	29.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.32%
61) 1,2-Dichlorobenzene-d4	11.68	152	26355	32.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	129.28%#

Target Compounds

					Qvalue
13) Acetone	2.19	43	34253	42.847 ug/L	100
16) Methylene chloride	2.53	84	3459	1.426 ug/L	86
21) 2-Butanone	4.03	43	9996m	13.341 ug/L	
30) Cyclohexane	4.73	56	2382	0.981 ug/L #	88
34) Benzene	5.15	78	4179	0.723 ug/L	100

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