

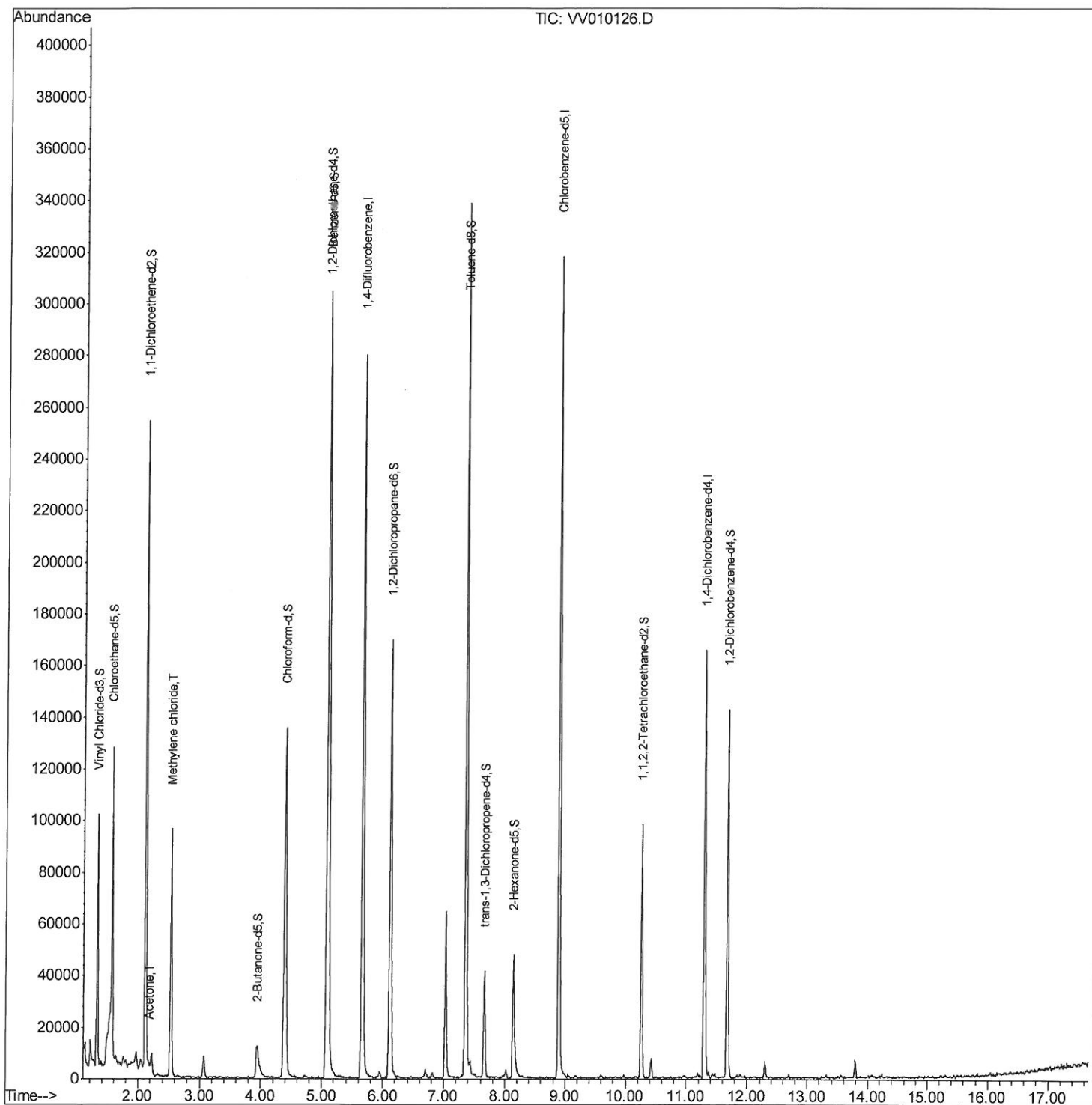
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040519\
Data File : VV010126.D
Acq On : 05 Apr 2019 12:18
Operator : SY/MD
Sample : K2148-15RE
Misc : 3.54G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF5G9RE

Manual Integrations
APPROVED

MMDadoda
4/8/2019 3:29:35 AM

Quant Time: Apr 06 00:18:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 05 23:46:15 2019
Response via : Initial Calibration



Quantitation Report (Qedit)

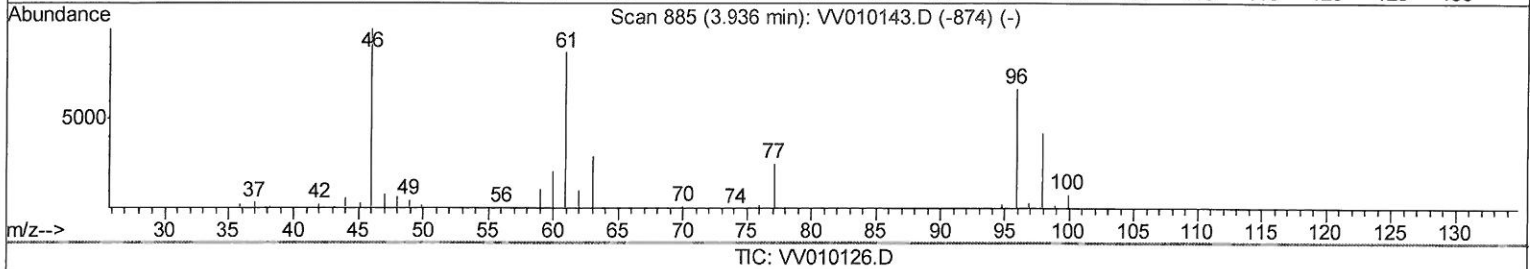
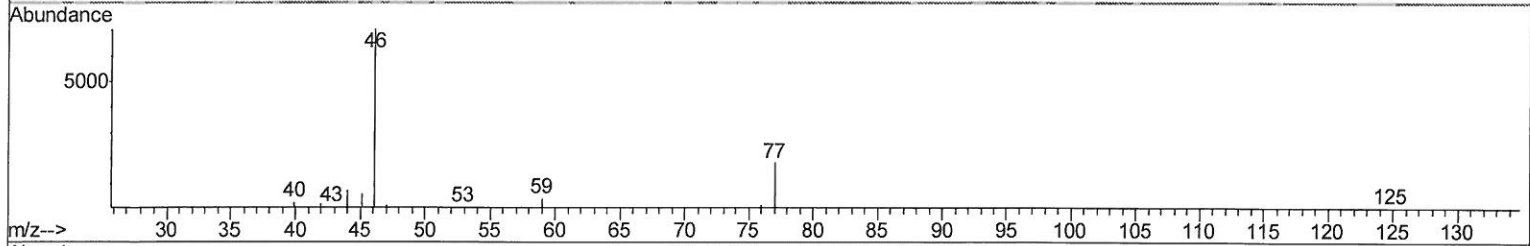
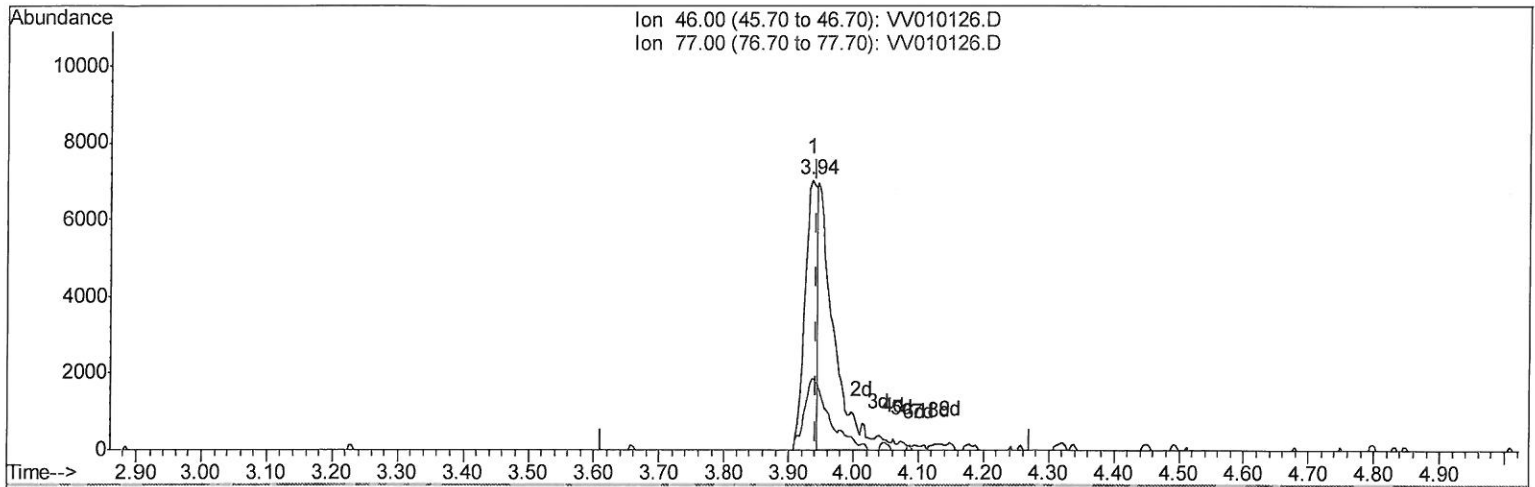
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040519\Not Reviewed Data\
Data File : VV010126.D
Acq On : 05 Apr 2019 12:18
Operator : SY/MD
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Manual Integrations
APPROVED

MMDadoda
4/8/2019 3:29:35 AM

Quant Time: Apr 10 09:27:19 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



(20) 2-Butanone-d5 (S)

3.936min (-0.006) 9.42ug/L

response 8901

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	47.35#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

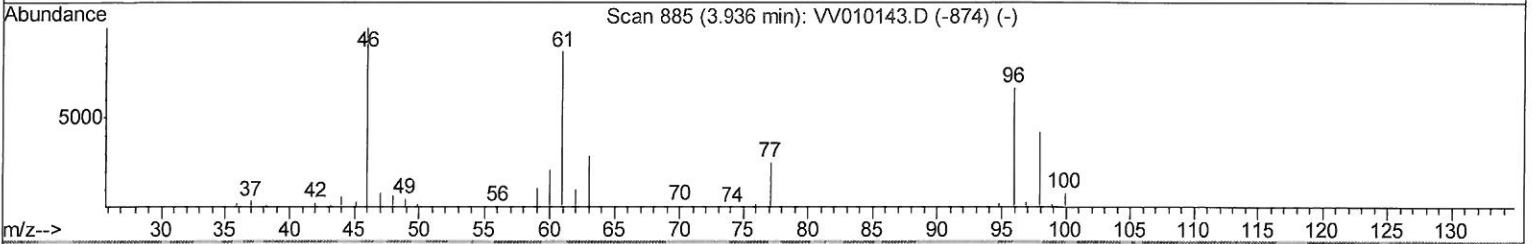
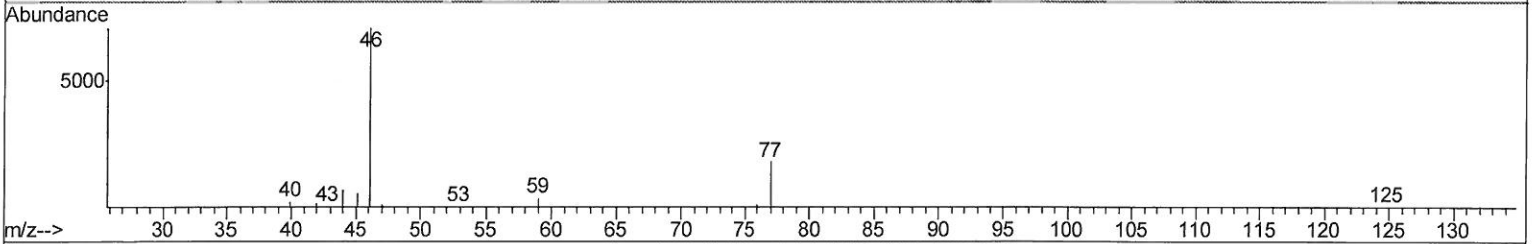
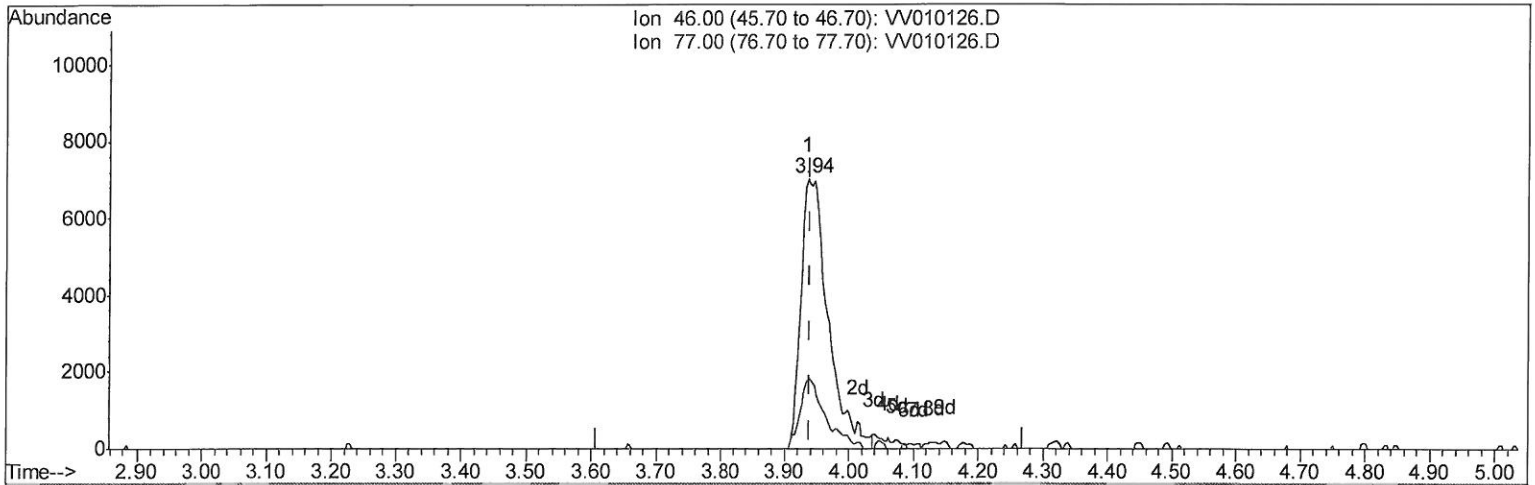
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Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:29:35 AM

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:46:15 2019
 Response via : Initial Calibration



TIC: VV010126.D

(20) 2-Butanone-d5 (S)

3.936min (-0.003) 21.61ug/L m

response 20417

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	20.64
0.00	0.00	0.00
0.00	0.00	0.00

MD
 5/13/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040519\
 Data File : VV010126.D
 Acq On : 05 Apr 2019 12:18
 Operator : SY/MD
 Sample : K2148-15RE
 Misc : 3.54G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF5G9RE

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:29:35 AM

Quant Time: Apr 06 00:18:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 23:46:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	248019	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	176967	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48246	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61594	18.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.20%
7) Chloroethane-d5	1.56	69	56885	13.79	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.16%
10) 1,1-Dichloroethene-d2	2.12	63	123742	14.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.08%
20) 2-Butanone-d5	3.94	46	20417m	21.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	43.22%
24) Chloroform-d	4.40	84	132064	21.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.56%
26) 1,2-Dichloroethane-d4	5.08	65	70595	20.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.76%
29) Benzene-d6	5.09	84	269152	29.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.32%
33) 1,2-Dichloropropane-d6	6.11	67	77281	28.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.12%
37) Toluene-d8	7.36	98	223731	25.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.20%
38) trans-1,3-Dichloropropene-	7.66	79	21406	18.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.96%
39) 2-Hexanone-d5	8.13	63	14623	26.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.84%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	42497	15.91	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	63.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	38321	20.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.56%

MD
 4/13/19

Target Compounds					Ovalue
13) Acetone	2.19	43	2418	2.588 ug/L	83
16) Methylene chloride	2.53	84	39063	8.965 ug/L	99

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