

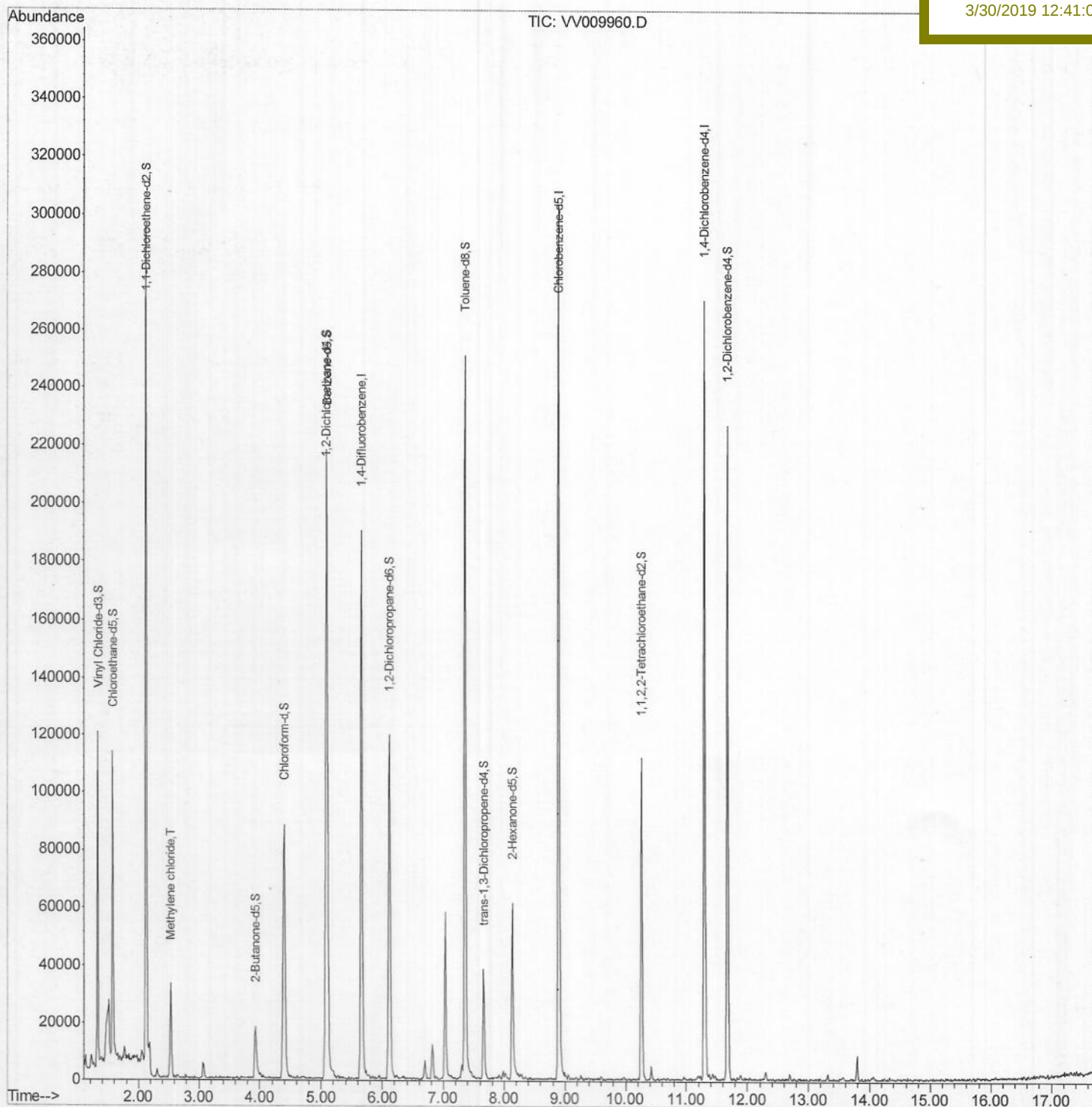
Data File : VV009960.D
Acq On : 28 Mar 2019 12:11
Operator : SY/MD
Sample : VV0328SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 02:37:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VBLK77

Manual Integrations
APPROVED

MMDadoda
3/30/2019 12:41:00 AM



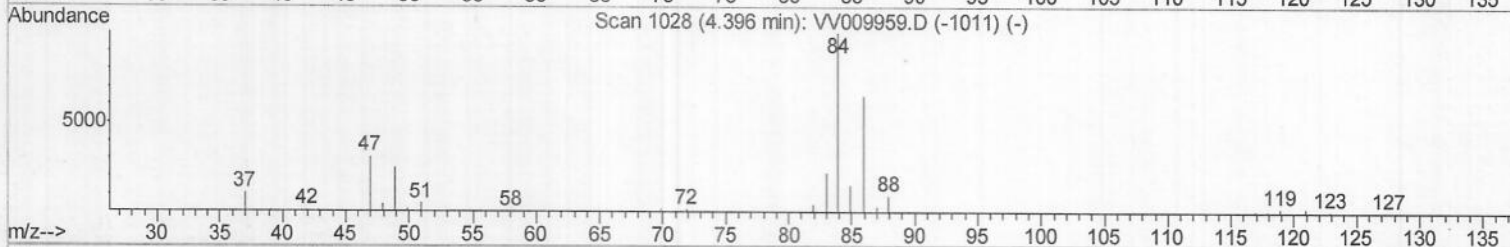
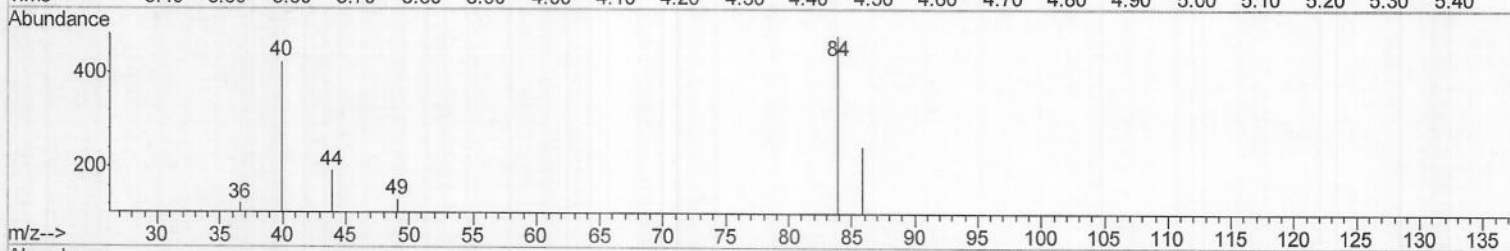
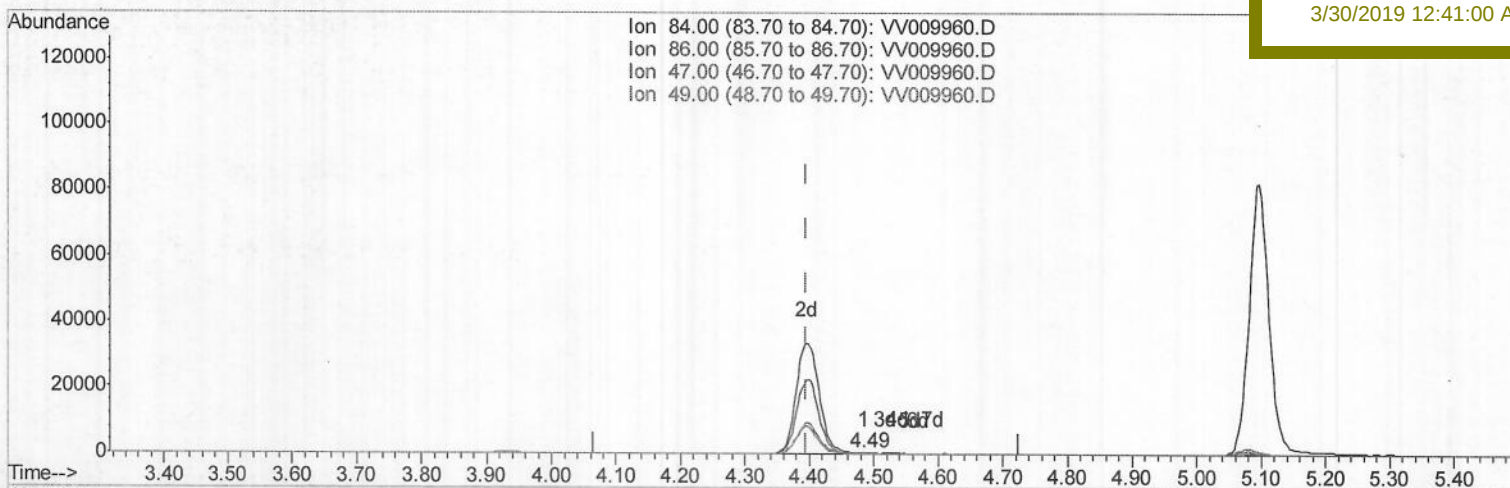
Data File : VV009960.D
Acq On : 28 Mar 2019 12:11
Operator : SY/MD
Sample : VV0328SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 02:22:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VBLK77

Manual Integrations
APPROVED

MMDadoda
3/30/2019 12:41:00 AM



TIC: VV009960.D

(24) Chloroform-d (S)

4.486min (+0.090) 0.08ug/L

response 316

Ion	Exp%	Act%
84.00	100	100
86.00	61.50	75.32
47.00	49.10	36.71
49.00	31.70	35.76

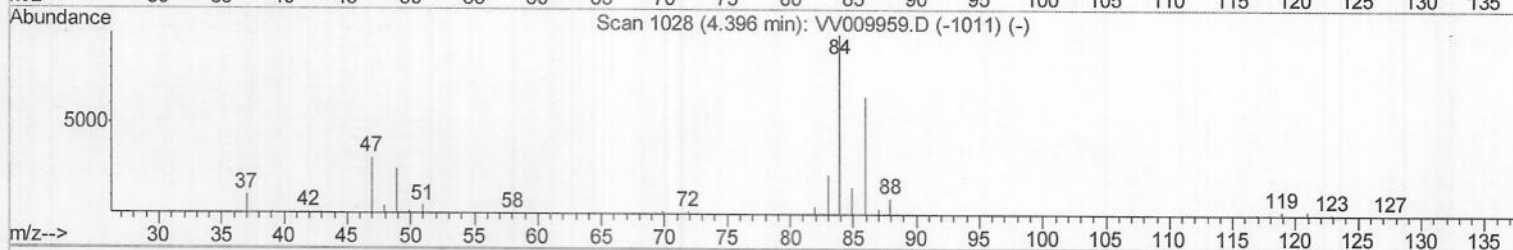
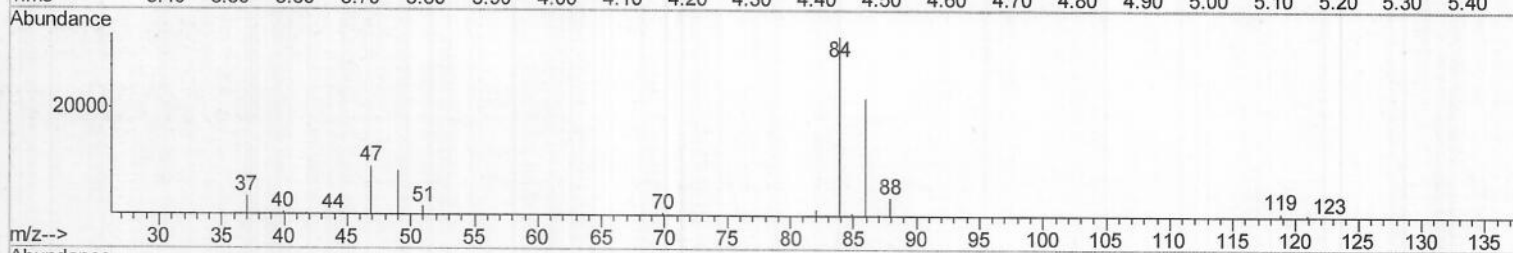
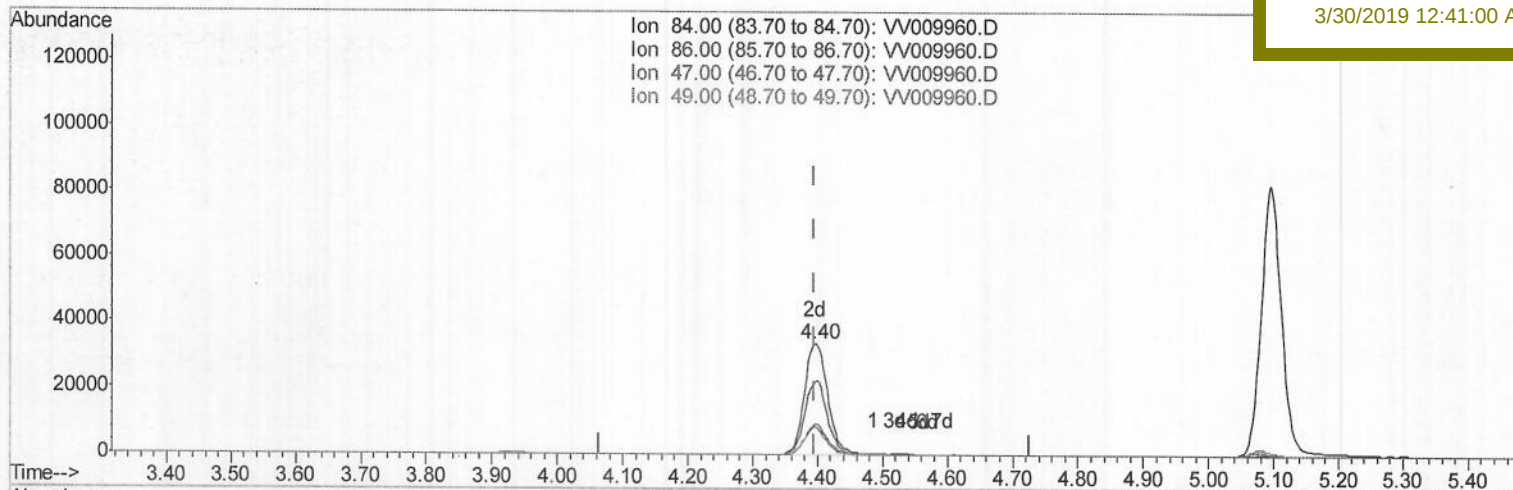
Data File : VV009960.D
Acq On : 28 Mar 2019 12:11
Operator : SY/MD
Sample : VV0328SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 02:22:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VBLK77

Manual Integrations
APPROVED

MMDadoda
3/30/2019 12:41:00 AM



TIC: VV009960.D

(24) Chloroform-d (S)

4.396min (-0.000) 20.98ug/L m

response 83648

Ion Exp% Act%

84.00 100 100

86.00 61.50 0.28#

47.00 49.10 0.14#

49.00 31.70 0.14#

MD
4/5/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\
Quantitation Report (QT Reviewed)

Data File : VV009960.D
Acq On : 28 Mar 2019 12:11
Operator : SY/MD
Sample : VV0328SBL01
Misc : 5.00G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 29 02:37:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
VBLK77

Manual Integrations
APPROVED

MMDadoda
3/30/2019 12:41:00 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	156485	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	153434	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67387	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66300	20.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.52%		
7) Chloroethane-d5	1.57	69	69551	20.28	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.12%		
10) 1,1-Dichloroethene-d2	2.13	63	144776	16.67	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.68%		
20) 2-Butanone-d5	3.93	46	27725	46.85	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.70%		
24) Chloroform-d	4.40	84	83648m	20.98	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.92%		
26) 1,2-Dichloroethane-d4	5.08	65	53442	22.27	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	89.08%		
29) Benzene-d6	5.10	84	176517	21.91	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.64%		
33) 1,2-Dichloropropane-d6	6.11	67	52412	22.23	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	88.92%		
37) Toluene-d8	7.36	98	158269	20.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.00%		
38) trans-1,3-Dichloropropene-	7.66	79	18484	19.17	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	76.68%		
39) 2-Hexanone-d5	8.13	63	19200	43.63	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.26%		
48) 1,1,2,2-Tetrachloroethane-	10.26	84	47713	20.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	81.76%		
61) 1,2-Dichlorobenzene-d4	11.67	152	54485	21.24	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.96%		

Target Compounds					Qvalue
16) Methylene chloride	2.53	84	12451	4.832 ug/L	98

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

m.D
4/5/19