

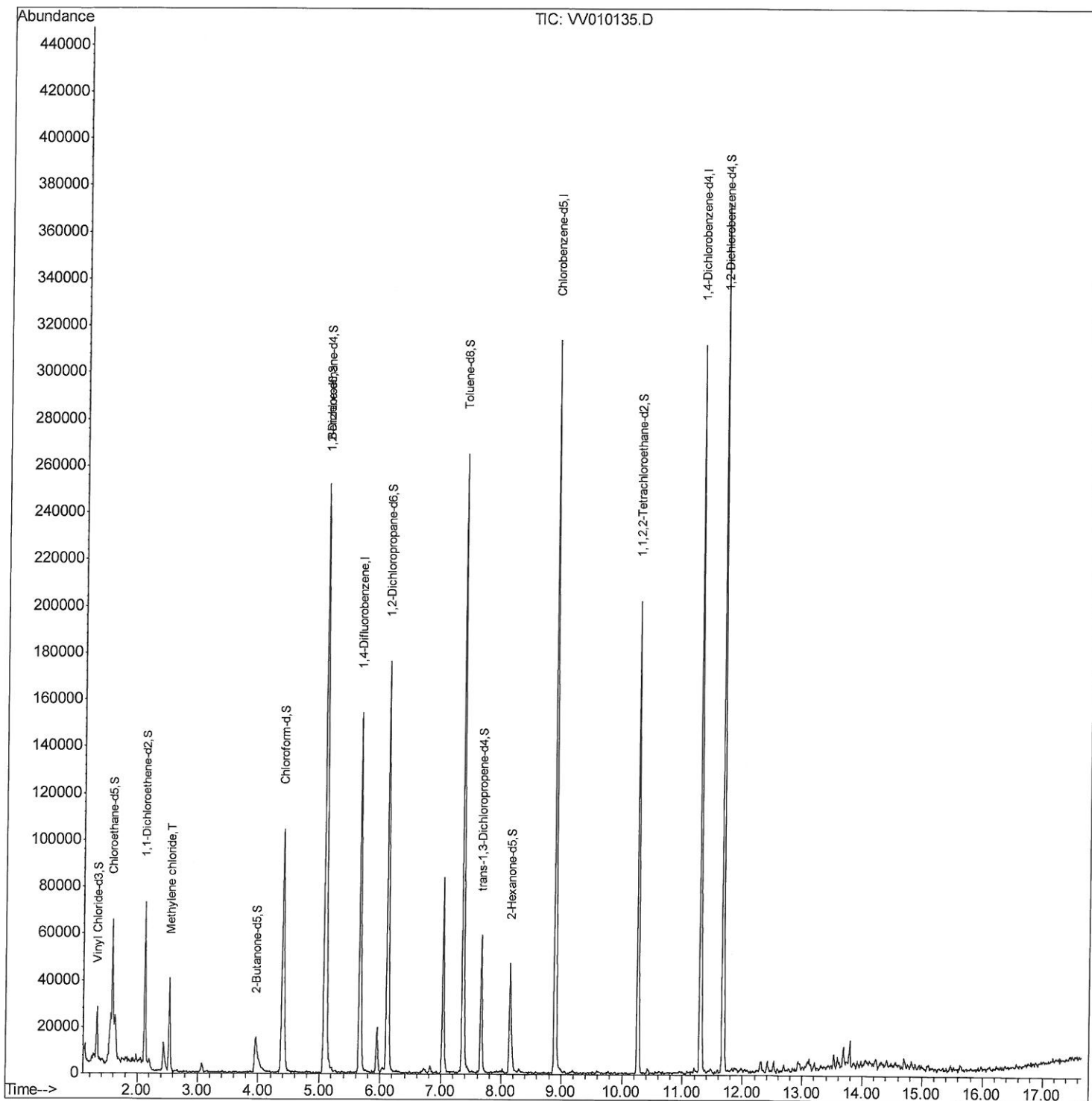
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040519\Not Reviewed Data\
Data File : VV010135.D
Acq On : 05 Apr 2019 17:04
Operator : SY/MD
Sample : K2168-09
Misc : 4.67G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF636

Manual Integrations
APPROVED

MMDadoda
4/8/2019 3:29:40 AM

Quant Time: Apr 06 02:13:30 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)

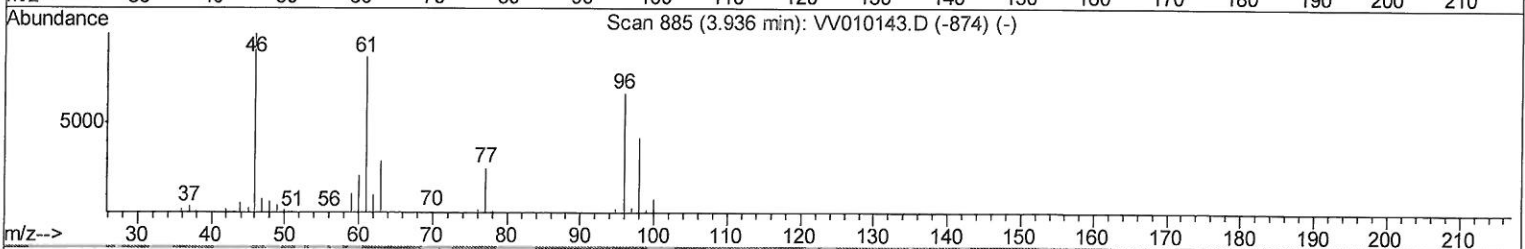
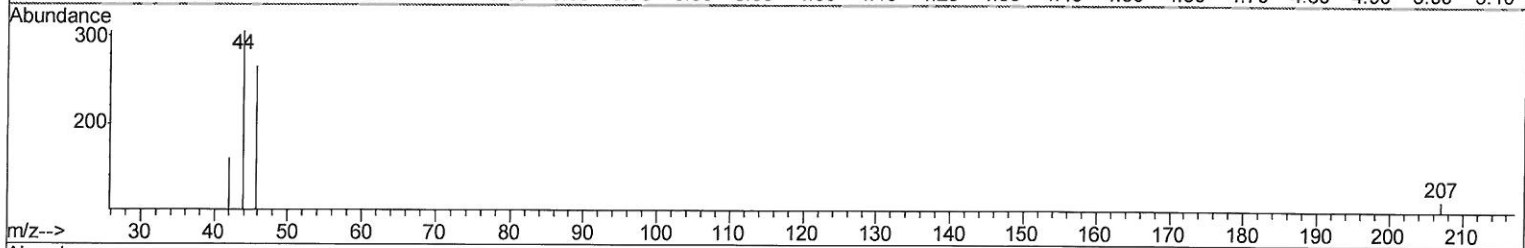
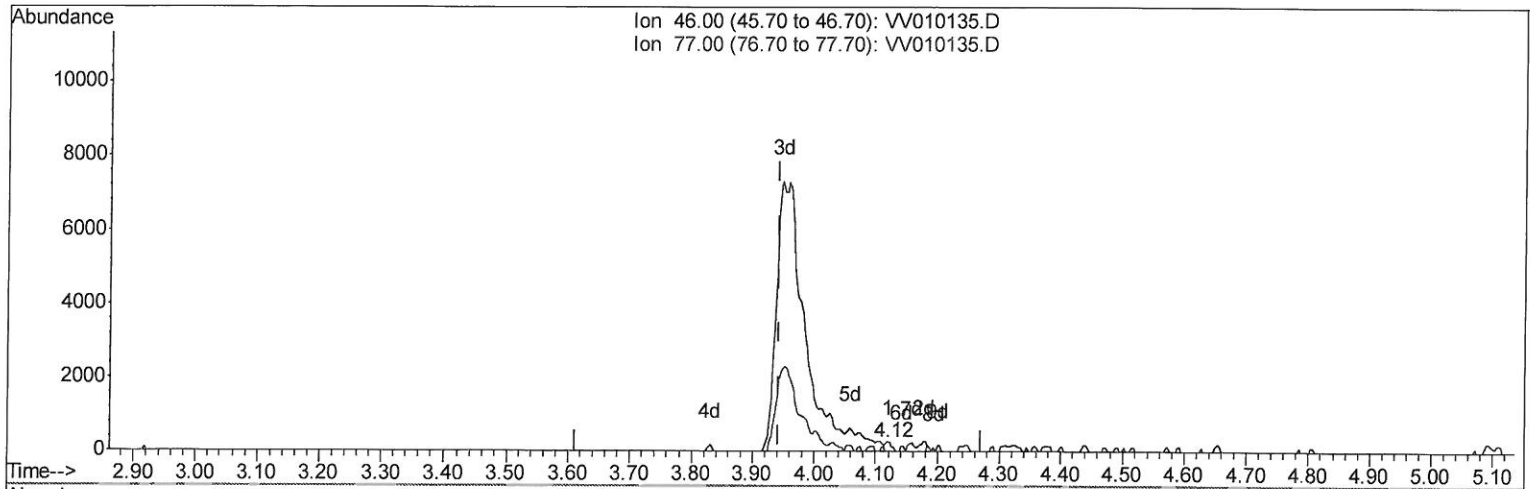
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040519\Not Reviewed Data\
 Data File : VV010135.D
 Acq On : 05 Apr 2019 17:04
 Operator : SY/MD
 Sample : K2168-09
 Misc : 4.67G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF636

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:29:40 AM

Quant Time: Apr 10 09:35:25 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



TIC: VV010135.D

(20) 2-Butanone-d5 (S)

4.119min (+0.177) 0.36ug/L

response 187

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	26.74
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

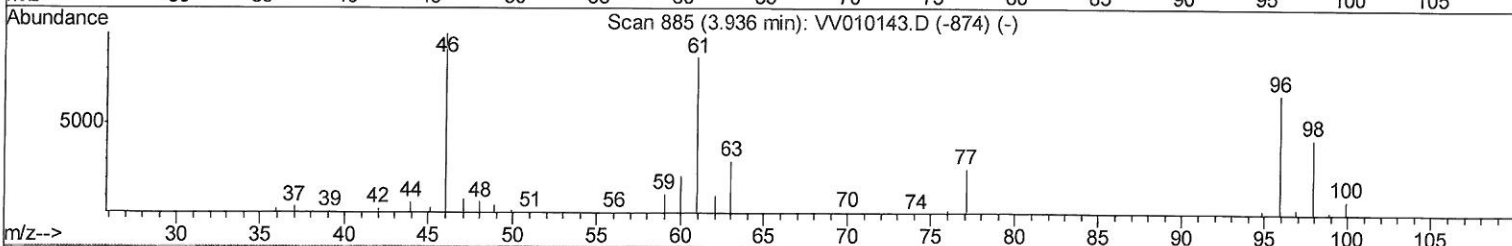
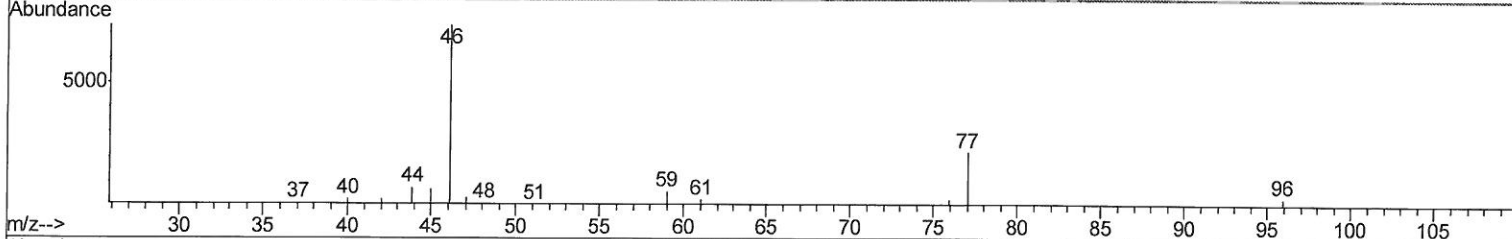
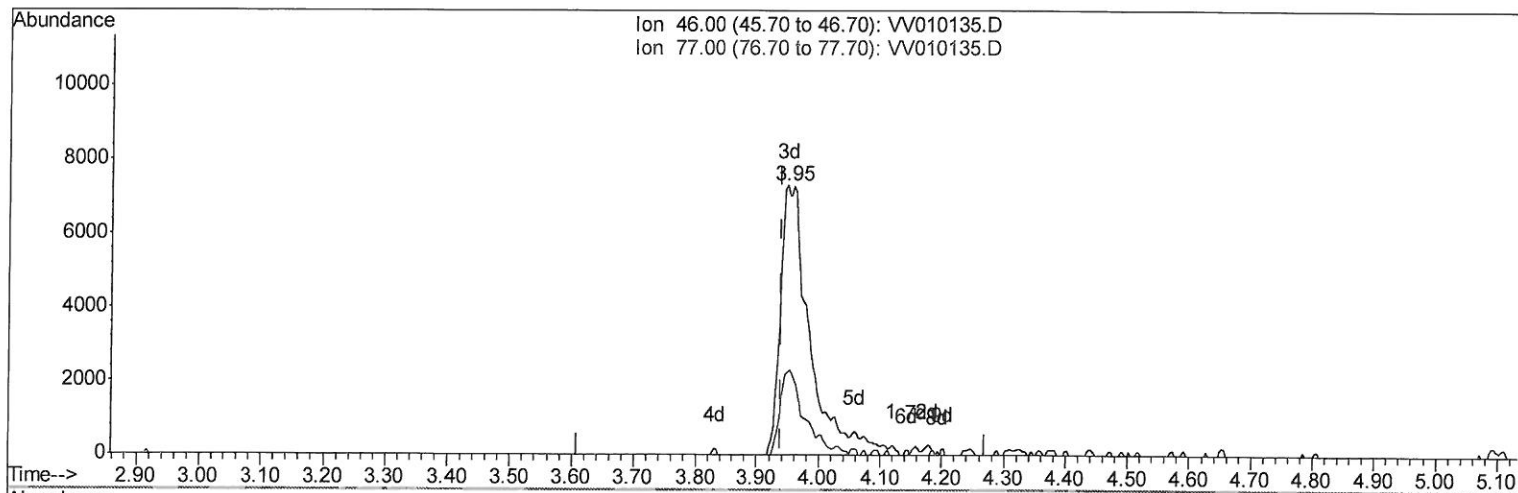
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040519\Not Reviewed Data\
Data File : VV010135.D
Acq On : 05 Apr 2019 17:04
Operator : SY/MD
Sample : K2168-09
Misc : 4.67G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF636

Manual Integrations
APPROVED

MMDadoda
4/8/2019 3:29:40 AM

Quant Time: Apr 06 02:13:30 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



TIC: VV010135.D

(20) 2-Butanone-d5 (S)

3.949min (+0.010) 46.40ug/L m

response 24239

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	0.21#
0.00	0.00	0.00
0.00	0.00	0.00

MD
4/13/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV040519\Not Reviewed Data\
 Data File : VV010135.D
 Acq On : 05 Apr 2019 17:04
 Operator : SY/MD
 Sample : K2168-09
 Misc : 4.67G/10mL/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF636

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:29:40 AM

Quant Time: Apr 06 02:13:30 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	5.67	114	137115	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	176344	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85213	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	13052	7.11	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	28.44%	#	
7) Chloroethane-d5	1.58	69	28208	12.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	49.48%		
10) 1,1-Dichloroethene-d2	2.13	63	34485	7.45	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	29.80%	#	
20) 2-Butanone-d5	3.95	46	24239m	46.40	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.80%		
24) Chloroform-d	4.40	84	102322	29.62	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	118.48%		
26) 1,2-Dichloroethane-d4	5.08	65	91897	47.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	190.20%	#	
29) Benzene-d6	5.10	84	187070	20.46	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	81.84%		
33) 1,2-Dichloropropane-d6	6.12	67	79312	29.39	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	117.56%		
37) Toluene-d8	7.36	98	182229	20.68	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.72%		
38) trans-1,3-Dichloropropene-	7.67	79	31599	27.39	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	109.56%		
39) 2-Hexanone-d5	8.14	63	14609	26.99	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	53.98%		
48) 1,1,2,2-Tetrachloroethane-	10.26	84	89158	33.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	134.00%	#	
61) 1,2-Dichlorobenzene-d4	11.67	152	98500	29.67	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	118.68%		

7MD
 4/13/19

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	2.53	84	17187	7.134	ug/L	88

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