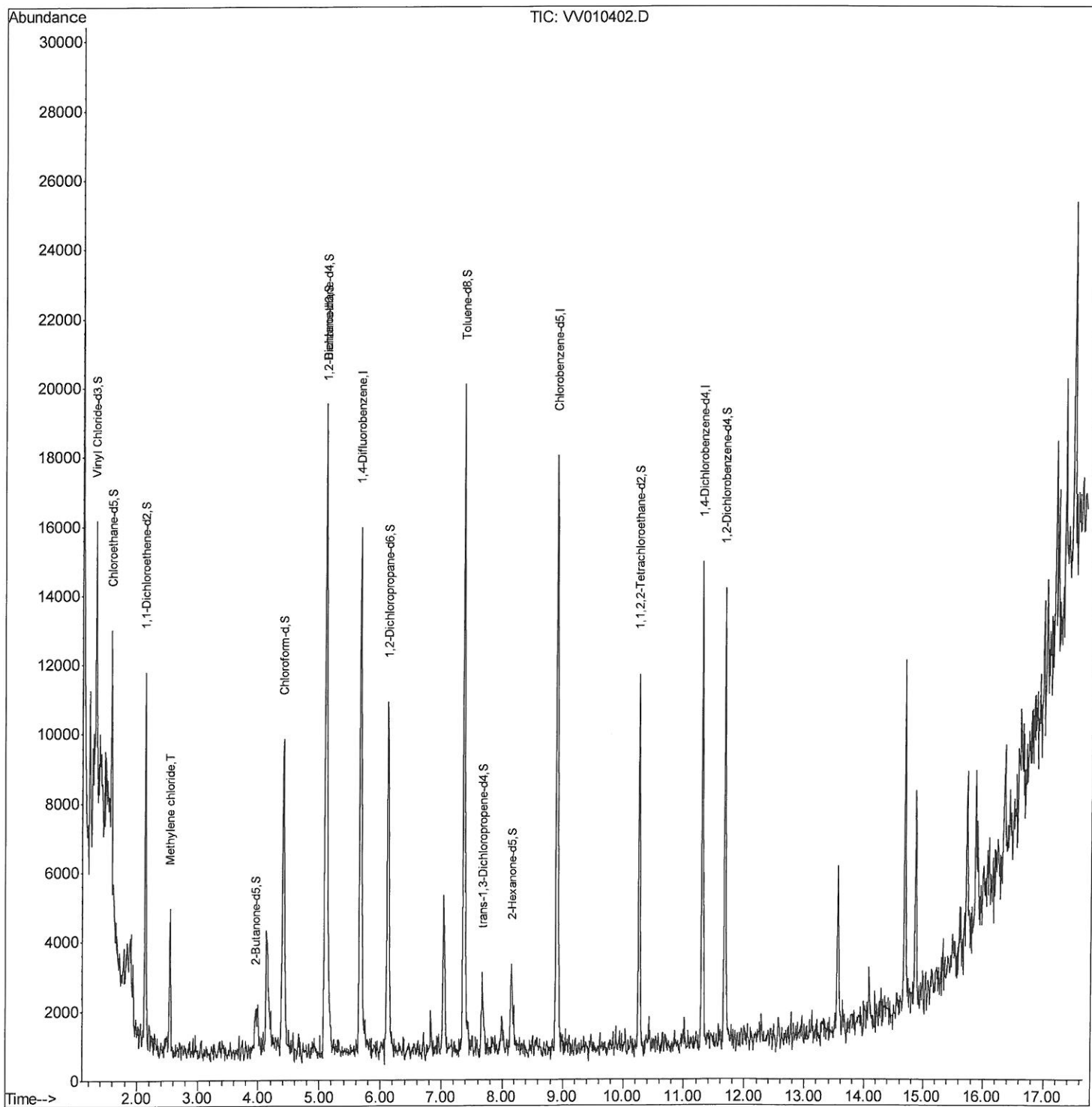


Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Quantitation Report (QT Reviewed)

Data File : VV010402.D
Acq On : 20 Apr 2019 00:05
Operator : SY/MD
Sample : K2456-18
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

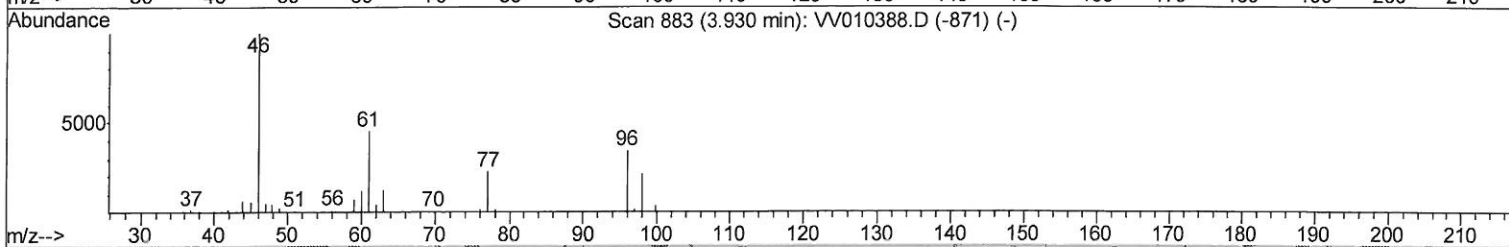
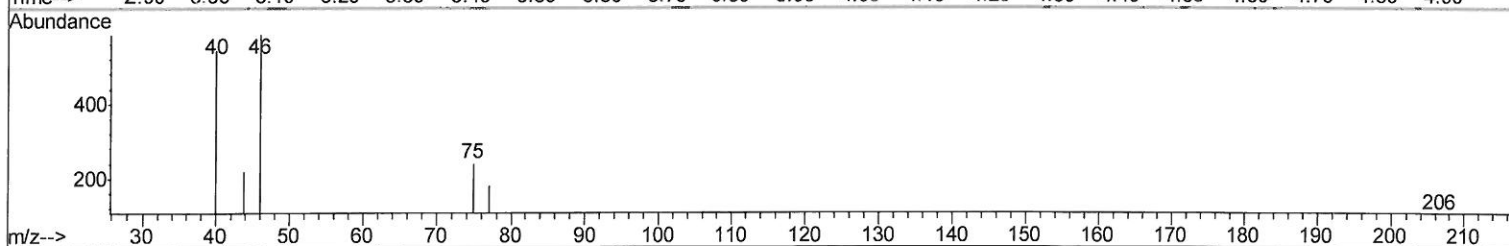
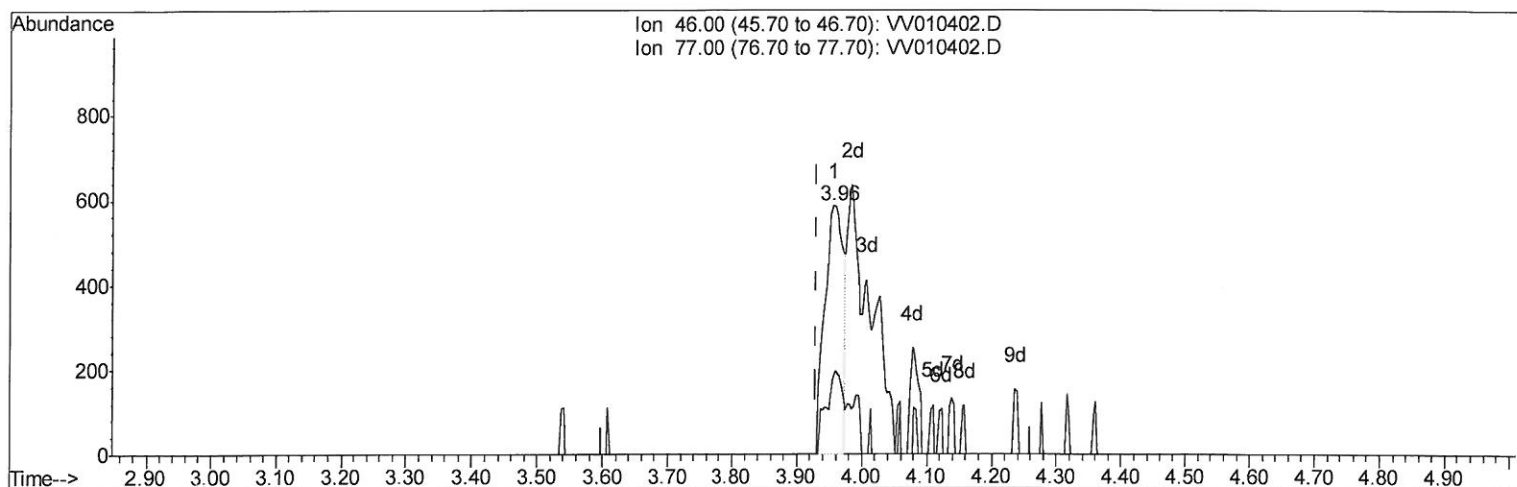
Quant Time: Apr 22 01:21:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Quantitation Report (Qedit)

Data File : VV010402.D
Acq On : 20 Apr 2019 00:05
Operator : SY/MD
Sample : K2456-18
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 22 01:18:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration



TIC: VV010402.D

(20) 2-Butanone-d5 (S)

3.955min (+0.026) 19.62ug/L

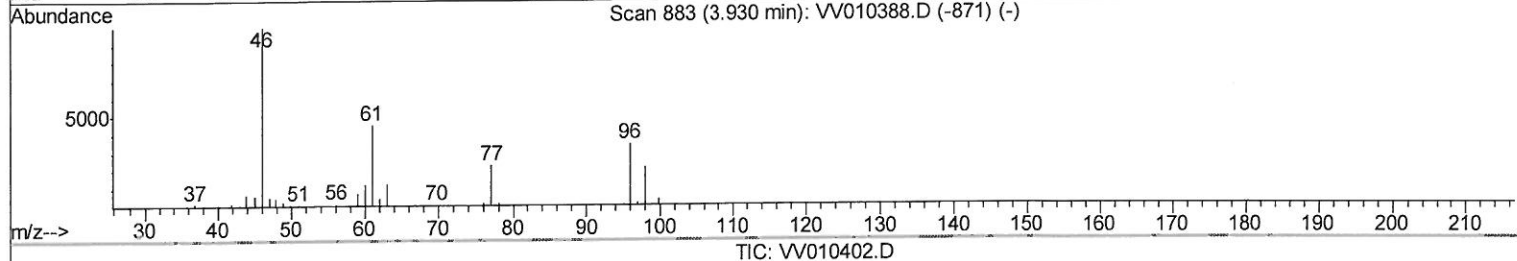
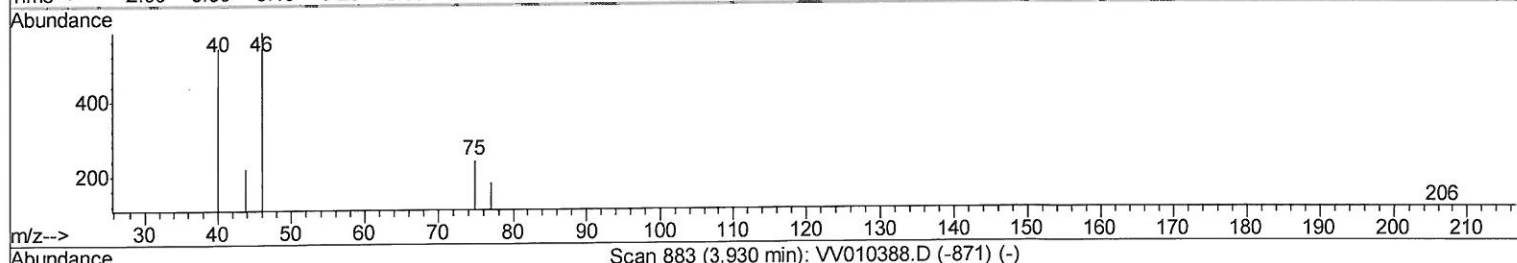
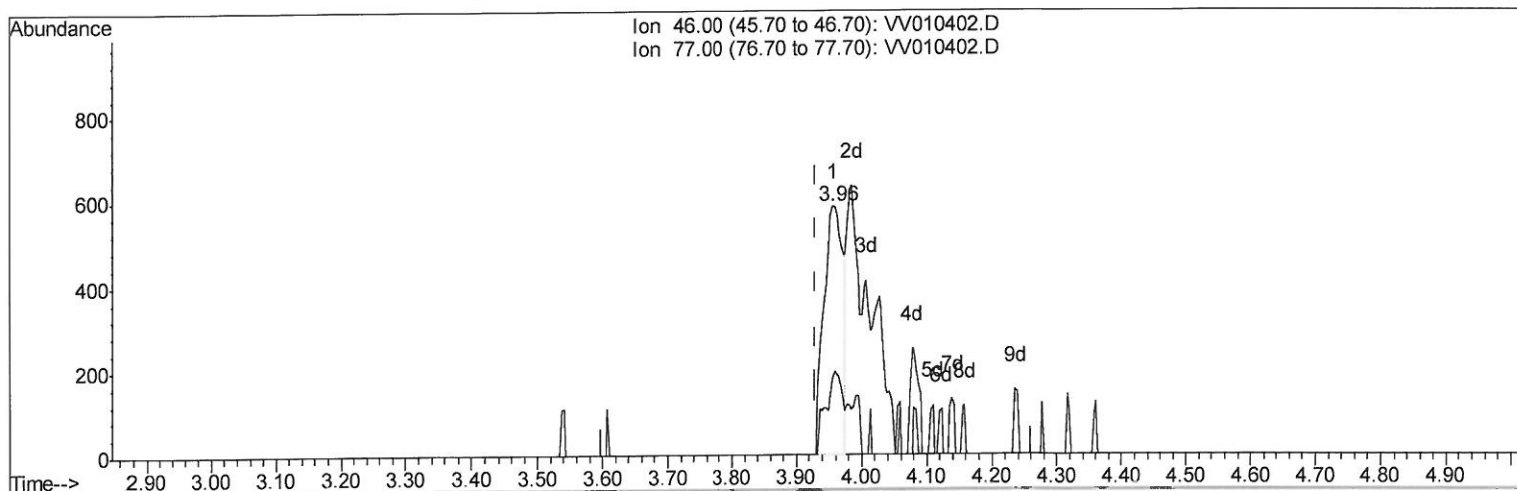
response 1113

Ion	Exp%	Act%
46.00	100	100
77.00	26.30	22.01
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Quantitation Report (Qedit)

Data File : VV010402.D
Acq On : 20 Apr 2019 00:05
Operator : SY/MD
Sample : K2456-18
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 22 01:18:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration



(20) 2-Butanone-d5 (S)

3.955min (+0.026) 21.21ug/L m

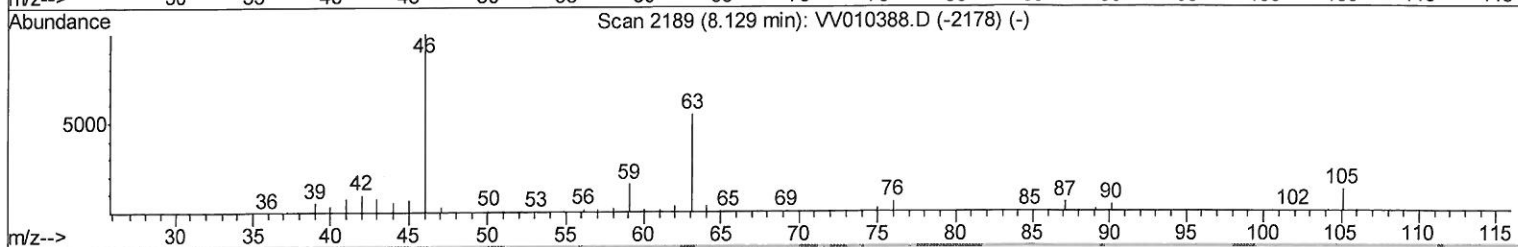
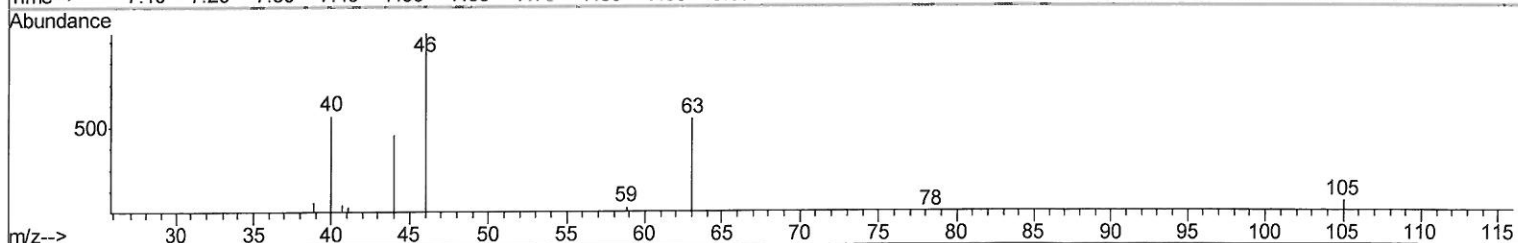
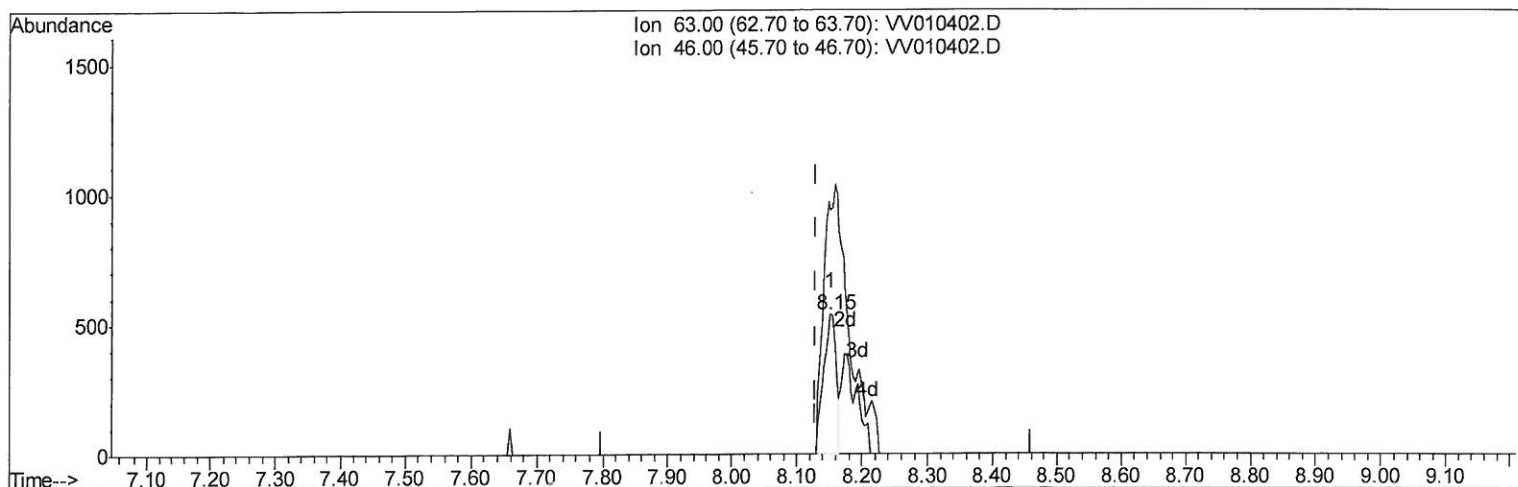
response 1203

Ion	Exp%	Act%
46.00	100	100
77.00	26.30	20.37
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Quantitation Report (Qedit)

Data File : VV010402.D
Acq On : 20 Apr 2019 00:05
Operator : SY/MD
Sample : K2456-18
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 22 01:18:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration



TIC: VV010402.D

(39) 2-Hexanone-d5 (S)

8.151min (+0.023) 19.54ug/L

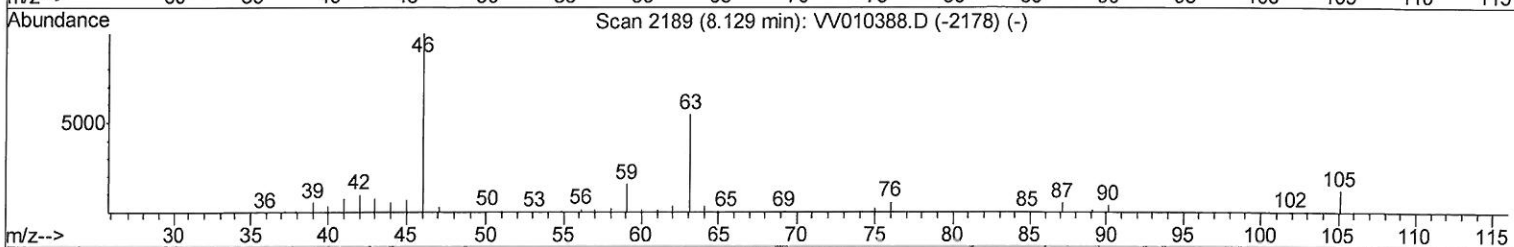
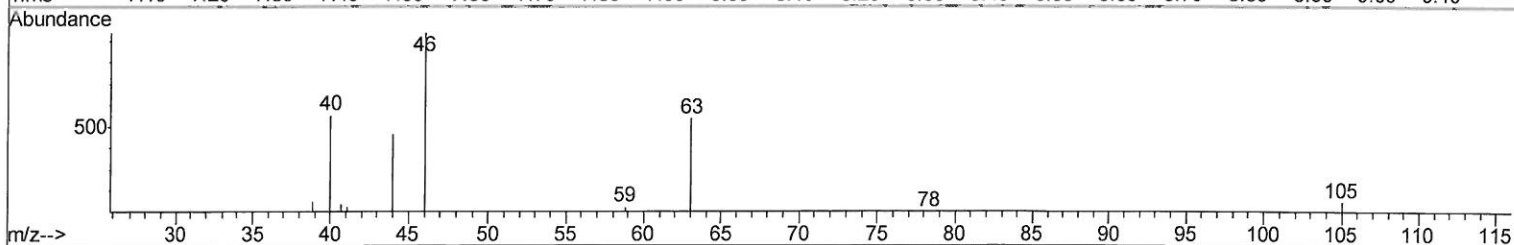
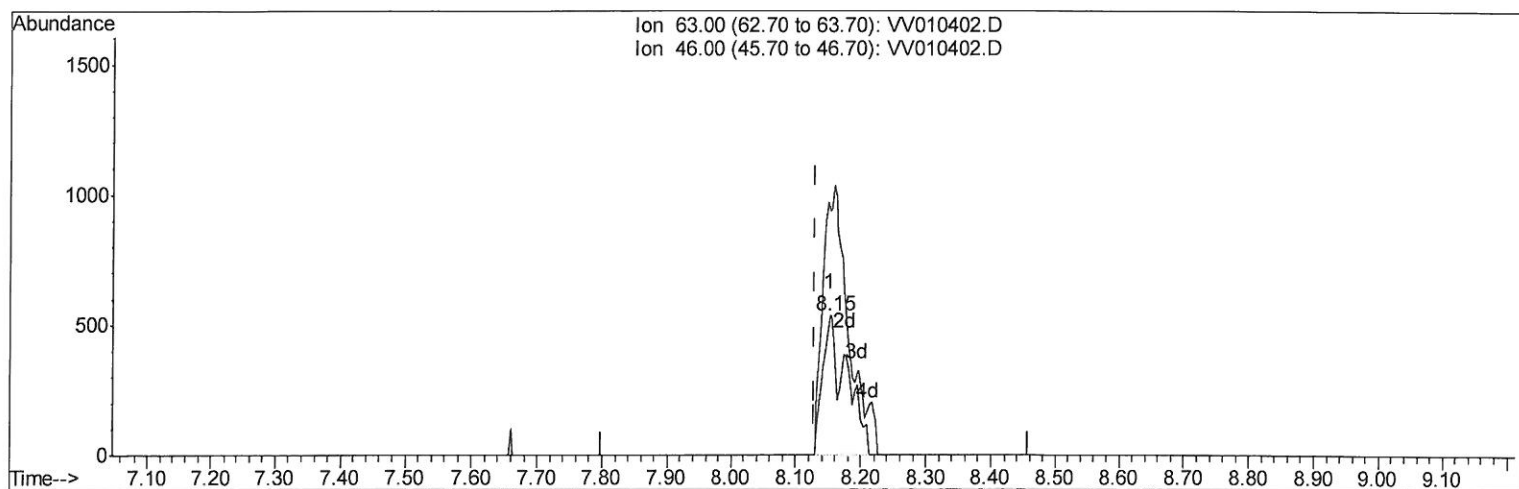
response 724

Ion	Exp%	Act%
63.00	100	100
46.00	192.80	123.62#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Quantitation Report (Qedit)

Data File : VV010402.D
Acq On : 20 Apr 2019 00:05
Operator : SY/MD
Sample : K2456-18
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 22 01:18:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration



TIC: VV010402.D

(39) 2-Hexanone-d5 (S)

8.151min (+0.023) 36.77ug/L m

response 1362

Ion	Exp%	Act%
63.00	100	100
46.00	192.80	65.71#
0.00	0.00	0.00
0.00	0.00	0.00

7 MD
4/26/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041819\
Quantitation Report (QT Reviewed)

Data File : VV010402.D
Acq On : 20 Apr 2019 00:05
Operator : SY/MD
Sample : K2456-18
Misc : 5.10G/10mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 22 01:21:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041819S.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 20 04:30:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	14346	25.00	ug/L	0.01
28) Chlorobenzene-d5	8.90	117	11106	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	4329	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3477	19.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.36%
7) Chloroethane-d5	1.59	69	3647	23.83	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.32%
10) 1,1-Dichloroethene-d2	2.14	63	5464	12.43	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.72%
20) 2-Butanone-d5	3.96	46	1203m	21.21	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	42.42%
24) Chloroform-d	4.40	84	9419m	24.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.88%
26) 1,2-Dichloroethane-d4	5.09	65	5799	26.05	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.20%
29) Benzene-d6	5.11	84	16334	28.73	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	114.92%
33) 1,2-Dichloropropane-d6	6.12	67	5174	31.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	124.40%#
37) Toluene-d8	7.37	98	14735	26.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.84%
38) trans-1,3-Dichloropropene-	7.68	79	1822	22.27	ug/L	0.02
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.08%
39) 2-Hexanone-d5	8.15	63	1362m	36.77	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.54%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	4117	24.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	3862	22.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.76%

MO
4/26/19

MO
4/26/19

Target Compounds				Qvalue
16) Methylene chloride	2.55	84	1560	6.808 ug/L 91

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