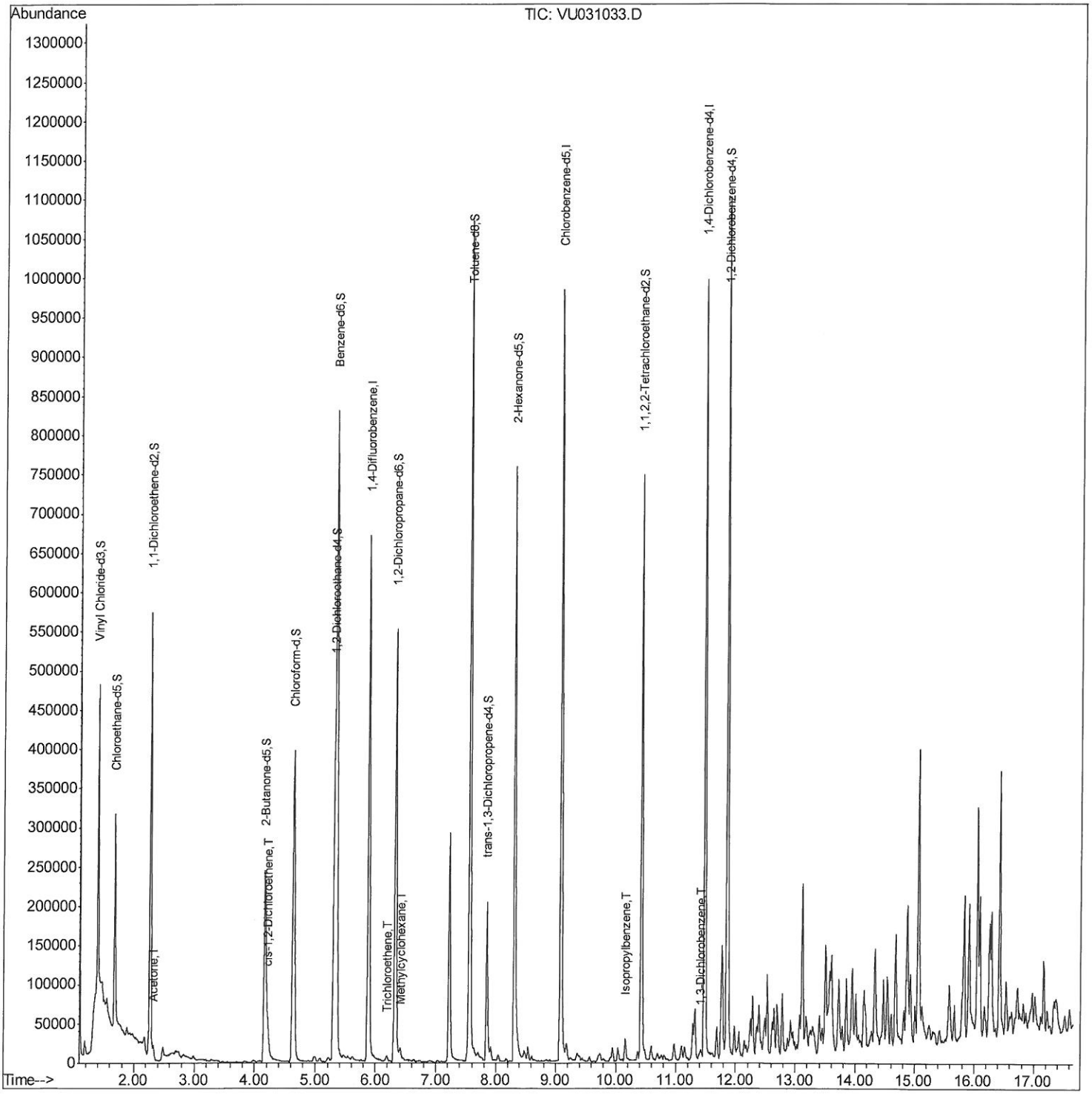
Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041119\
Data File : VU031033.D
Acq On : 10 Apr 2019 23:46
Operator : JC/SP
Sample : K2299-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 11 07:52:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
DB6X8

Manual Integrations APPROVED
MMDadoda
4/12/2019 5:44:51 PM



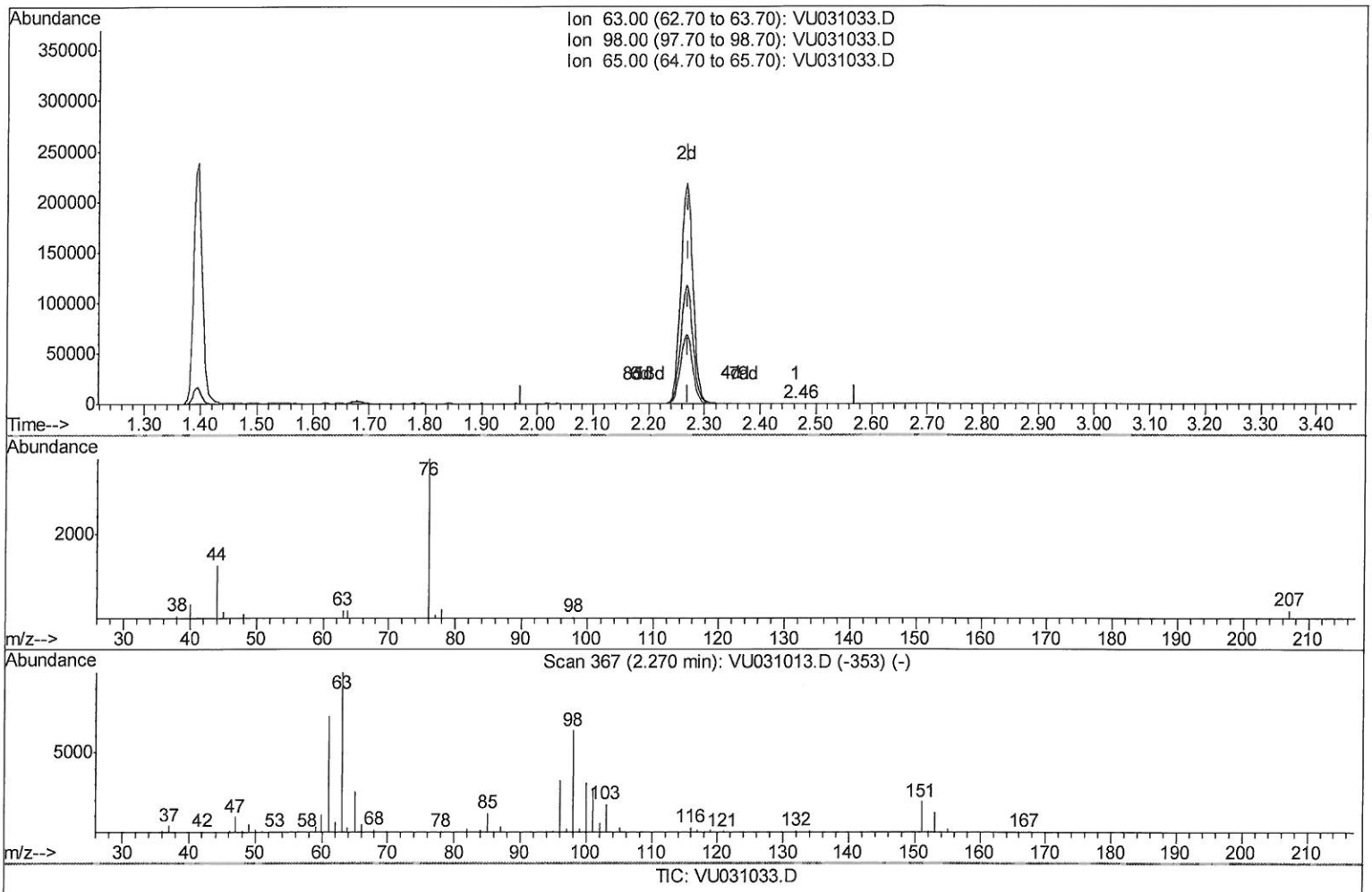
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041119\
Data File : VU031033.D
Acq On : 10 Apr 2019 23:46
Operator : JC/SP
Sample : K2299-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 11 05:25:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
DB6X8

Manual Integrations APPROVED
MMDadoda
4/12/2019 5:44:51 PM



TIC: VU031033.D

(11) 1,1-Dichloroethene-d2 (S)

2.463min (+0.193) 0.02ug/L

response 226

Ion	Exp%	Act%
63.00	100	100
98.00	67.20	75.66
65.00	24.00	29.20
0.00	0.00	0.00

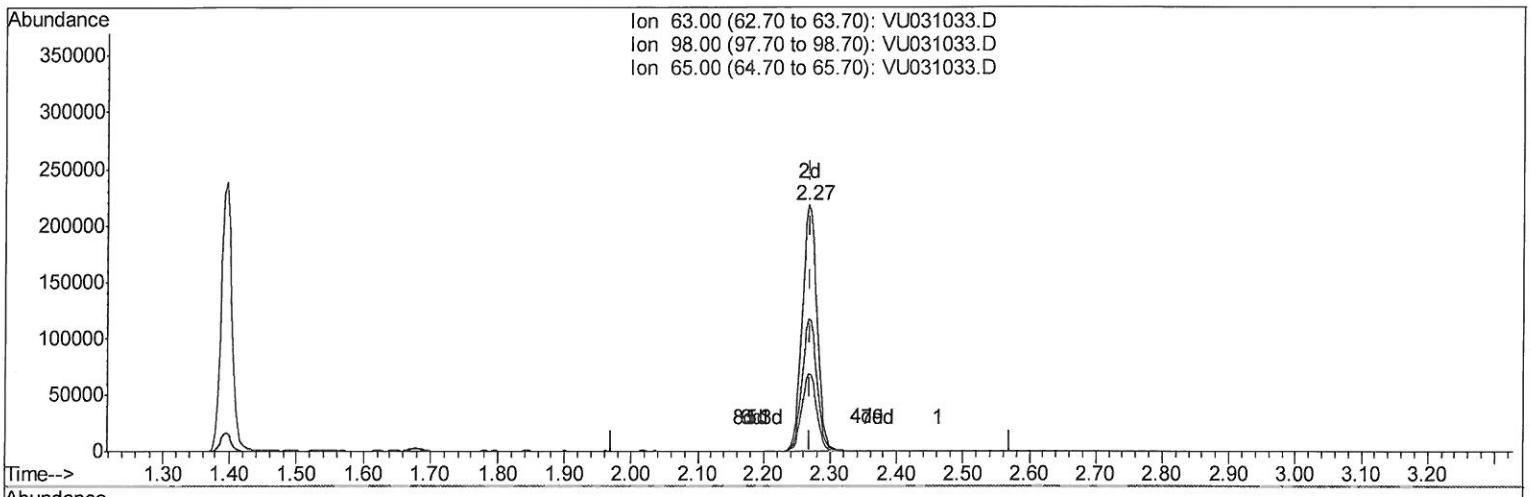
Quantitation Report (Qedit)

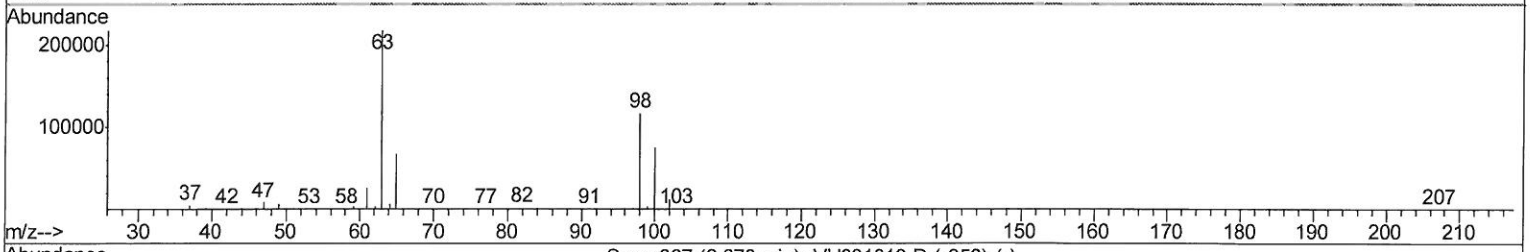
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041119\
Data File : VU031033.D
Acq On : 10 Apr 2019 23:46
Operator : JC/SP
Sample : K2299-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

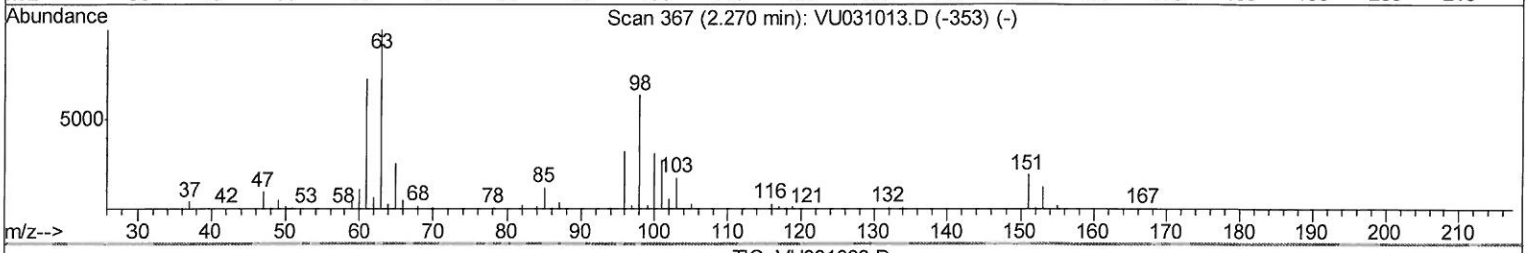
Quant Time: Apr 11 05:25:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
DB6X8

Manual Integrations APPROVED
MMDadoda
4/12/2019 5:44:51 PM







TIC: VU031033.D

(11) 1,1-Dichloroethene-d2 (S)

2.267min (-0.003) 37.10ug/L m

response 335876

Ion	Exp%	Act%
63.00	100	100
98.00	67.20	0.05#
65.00	24.00	0.02#
0.00	0.00	0.00

DMD 4/13/19

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041119\
Data File : VU031033.D
Acq On : 10 Apr 2019 23:46
Operator : JC/SP
Sample : K2299-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB6X8

Manual Integrations APPROVED
MMDadoda
4/12/2019 5:44:51 PM

Quant Time: Apr 11 07:52:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:17:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	560666	50.00 ug/L	0.00
28) Chlorobenzene-d5	9.09	117	551680	50.00 ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	253069	50.00 ug/L	0.00
System Monitoring Compounds					
4) Vinyl Chloride-d3	1.40	65	247276	49.41 ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.82%		
7) Chloroethane-d5	1.68	69	196866	51.83 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.66%		
11) 1,1-Dichloroethene-d2	2.27	63	335876m	37.10 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.20%		
21) 2-Butanone-d5	4.17	46	408726	103.04 ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.04%		
24) Chloroform-d	4.64	84	401284	52.49 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.98%		
26) 1,2-Dichloroethane-d4	5.30	65	274561	52.63 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.26%		
32) Benzene-d6	5.33	84	822509	51.07 ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.14%		
36) 1,2-Dichloropropane-d6	6.32	67	280062	50.74 ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.48%		
41) Toluene-d8	7.56	98	714052	50.02 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.04%		
43) trans-1,3-Dichloropropene-	7.85	79	123202	48.95 ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.90%		
47) 2-Hexanone-d5	8.31	63	257197	101.96 ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.96%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	382782	51.42 ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 102.84%		
64) 1,2-Dichlorobenzene-d4	11.85	152	273955	55.04 ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.08%		

Target Compounds					Qvalue
13) Acetone	2.32	43	15989	3.939 ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	14177	3.120 ug/L	94
34) Trichloroethene	6.19	95	2042	0.461 ug/L	83
35) Methylcyclohexane	6.41	83	6050	0.885 ug/L	96
56) Isopropylbenzene	10.16	105	17578	0.958 ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	3800	0.475 ug/L	98

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