

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Quantitation Report (QT Reviewed)

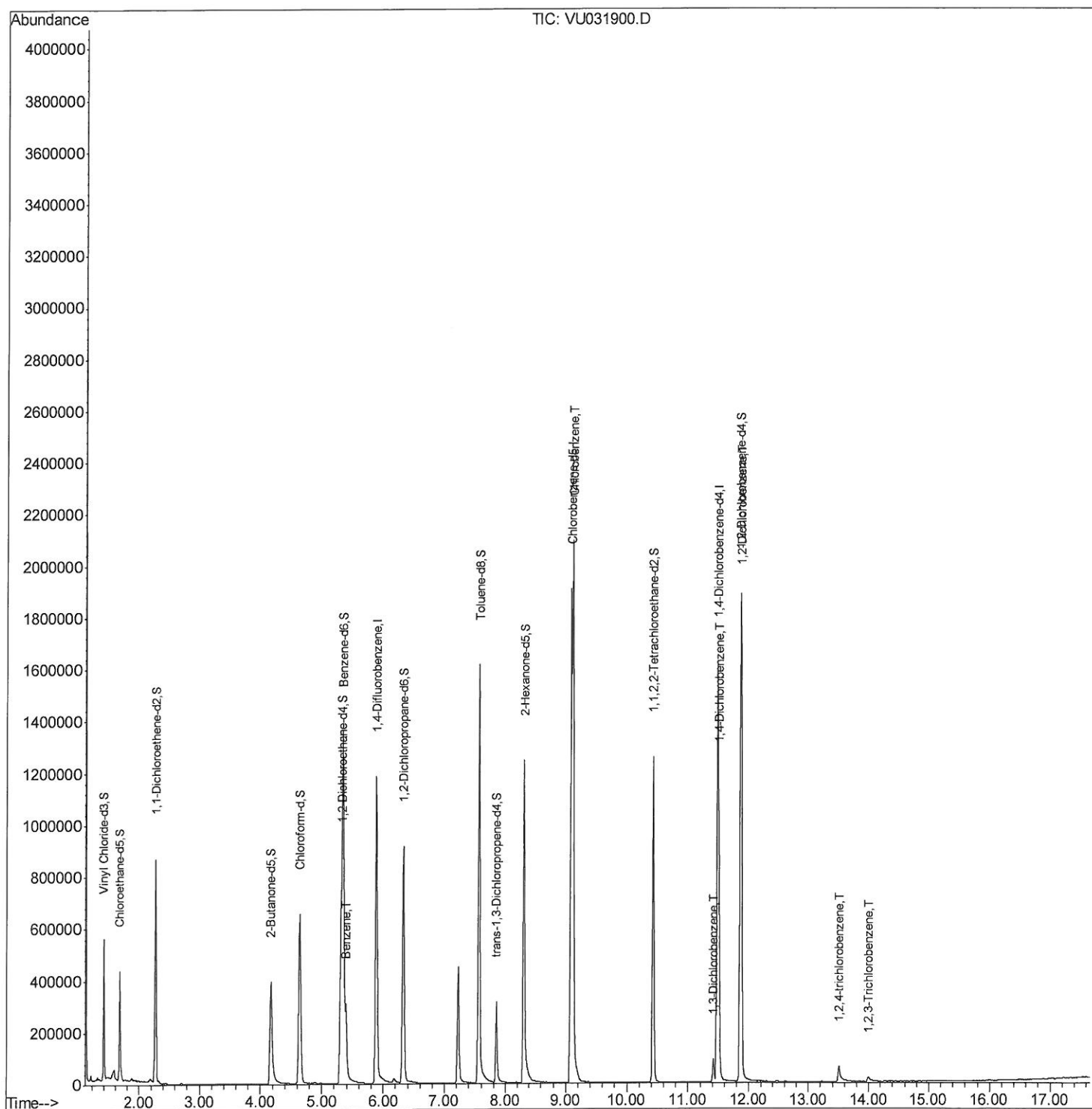
Data File : VU031900.D
Acq On : 10 May 2019 19:56
Operator : JC/SP
Sample : K2742-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C31DL

Manual Integrations
APPROVED

MMDadoda
5/11/2019 11:49:18 AM

Quant Time: May 11 03:58:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Quantitation Report (Qedit)

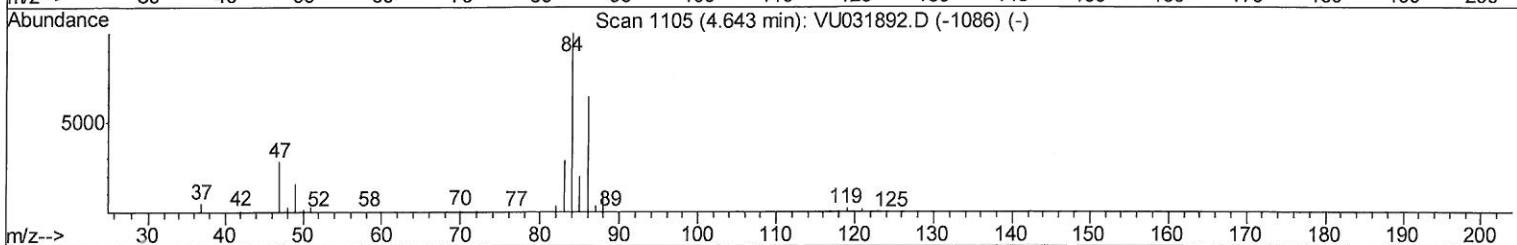
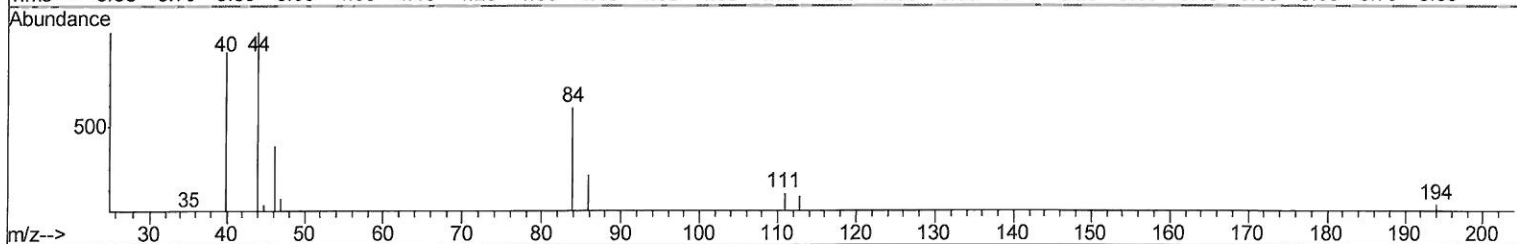
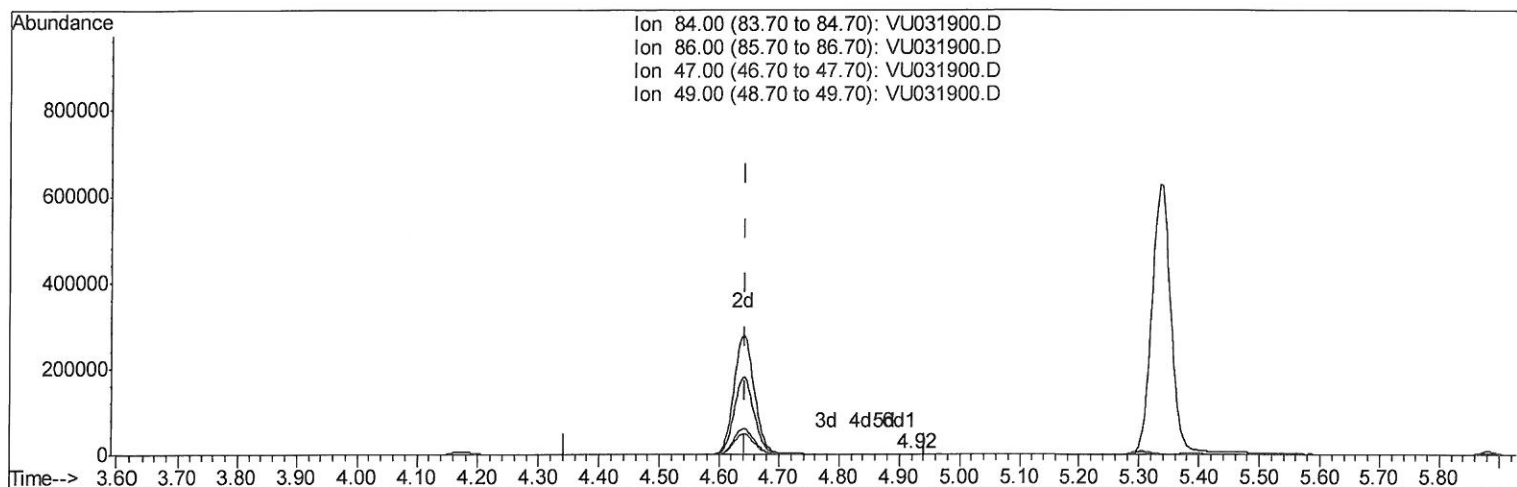
Data File : VU031900.D
Acq On : 10 May 2019 19:56
Operator : JC/SP
Sample : K2742-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C31DL

Manual Integrations
APPROVED

MMDadoda
5/11/2019 11:49:18 AM

Quant Time: May 11 02:49:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration



TIC: VU031900.D

(24) Chloroform-d (S)

4.920min (+0.277) 0.01ug/L

response 170

Ion	Exp%	Act%
84.00	100	100
86.00	62.50	75.29
47.00	45.70	40.59
49.00	27.20	25.29

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Quantitation Report (Qedit)

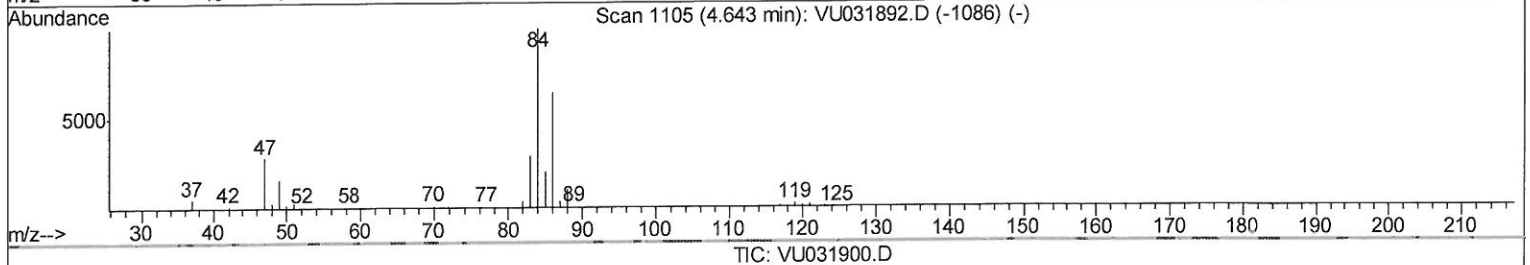
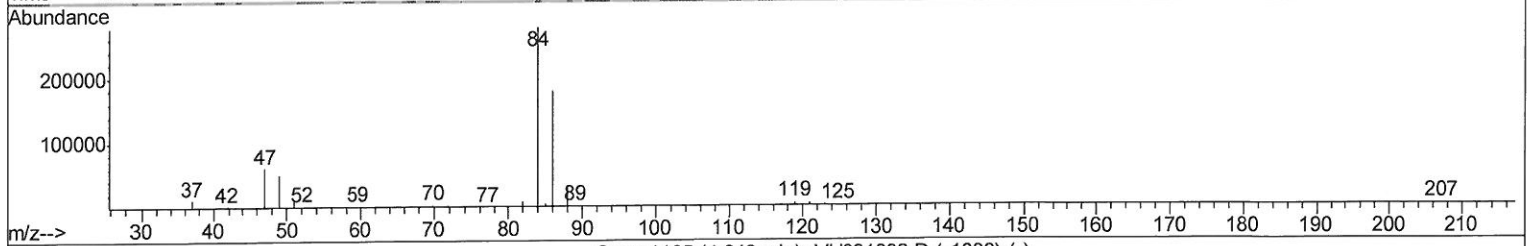
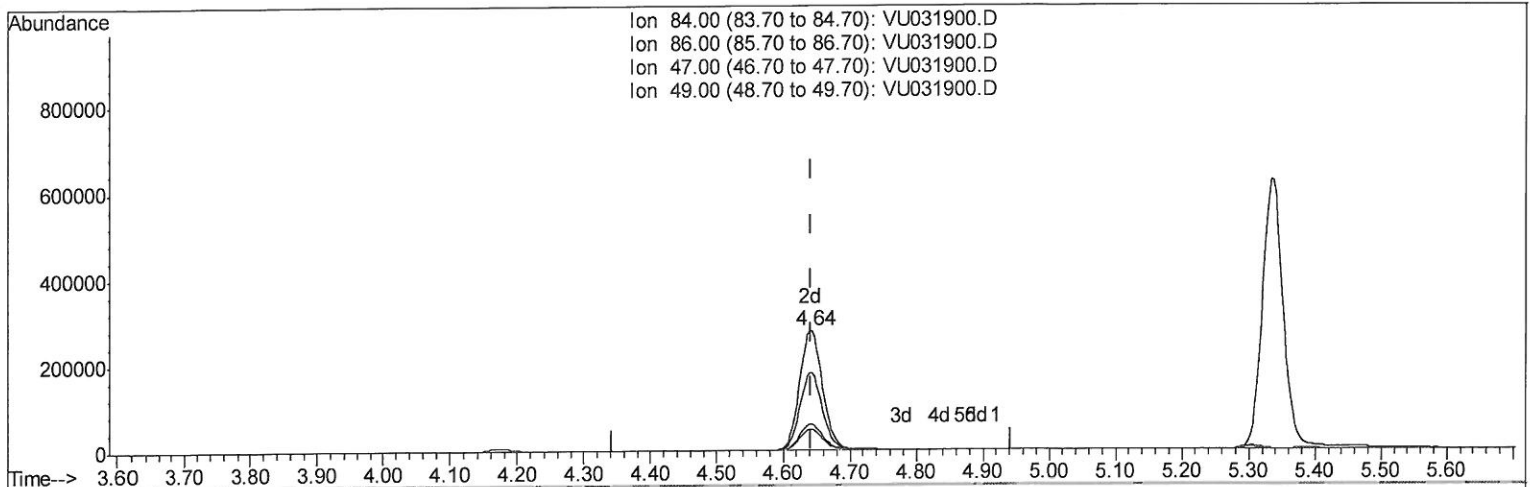
Data File : VU031900.D
Acq On : 10 May 2019 19:56
Operator : JC/SP
Sample : K2742-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C31DL

Manual Integrations
APPROVED

MMDadoda
5/11/2019 11:49:18 AM

Quant Time: May 11 02:49:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration



(24) Chloroform-d (S)

4.640min (-0.003) 43.26ug/L m

response 658584

Ion	Exp%	Act%
84.00	100	100
86.00	62.50	0.02#
47.00	45.70	0.01#
49.00	27.20	0.01#

7 MD
5/15/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Quantitation Report (Qedit)

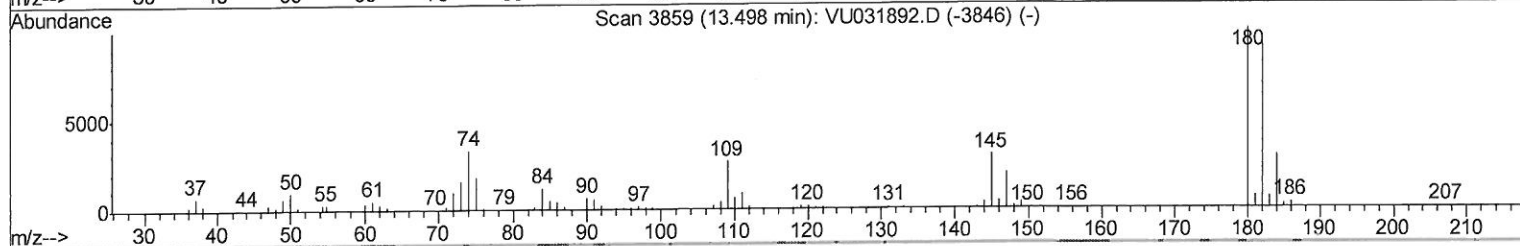
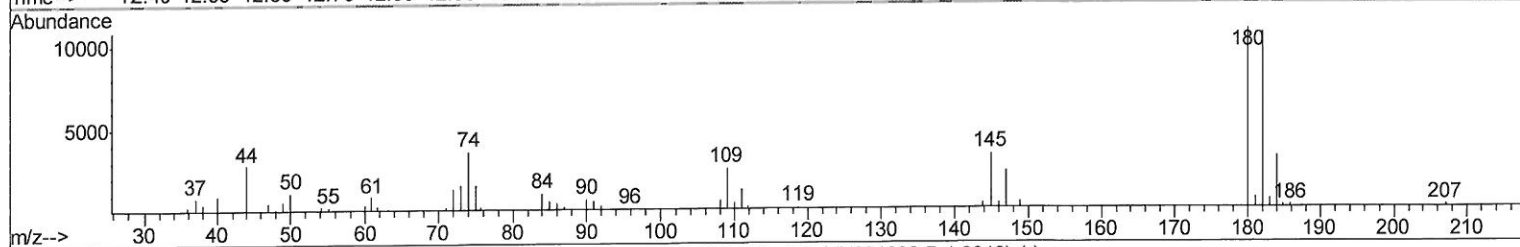
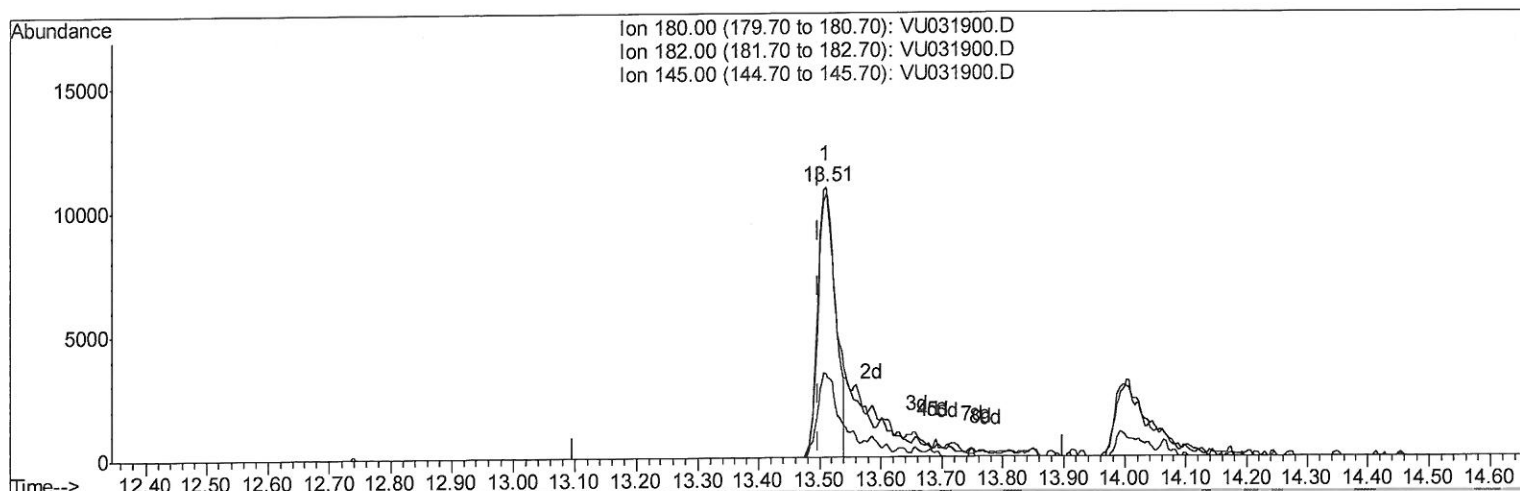
Data File : VU031900.D
Acq On : 10 May 2019 19:56
Operator : JC/SP
Sample : K2742-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C31DL

Manual Integrations
APPROVED

MMDadoda
5/11/2019 11:49:18 AM

Quant Time: May 11 02:49:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration



TIC: VU031900.D

(68) 1,2,4-trichlorobenzene (T)

13.511min (+0.013) 2.88ug/L

response 22208

Ion	Exp%	Act%
180.00	100	100
182.00	94.80	113.24
145.00	30.60	36.34
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Quantitation Report (Qedit)

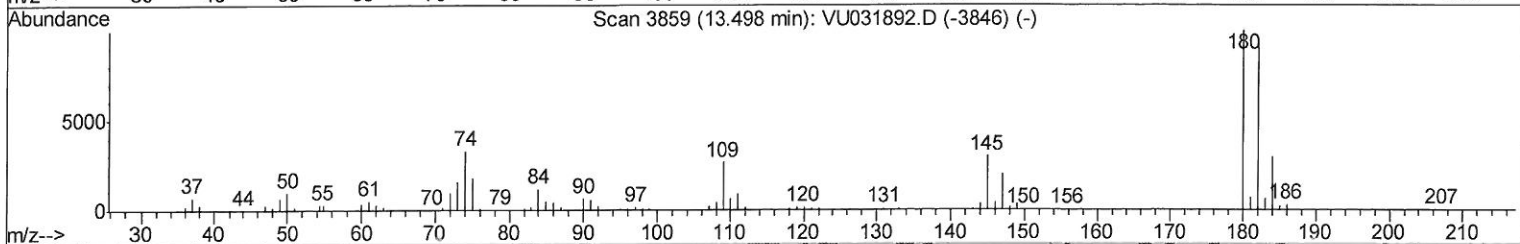
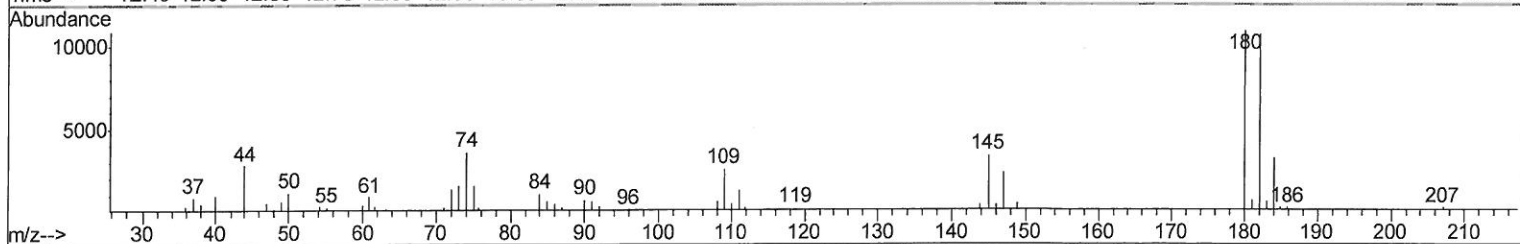
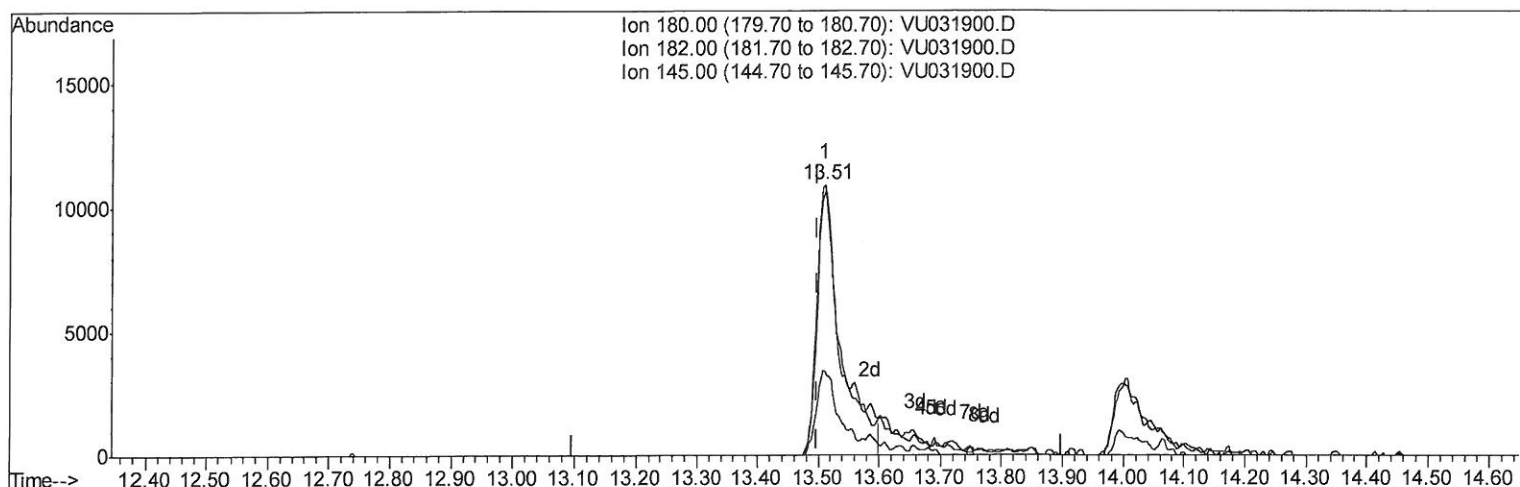
Data File : VU031900.D
Acq On : 10 May 2019 19:56
Operator : JC/SP
Sample : K2742-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C31DL

Manual Integrations
APPROVED

MMDadoda
5/11/2019 11:49:18 AM

Quant Time: May 11 02:49:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration



TIC: VU031900.D

(68) 1,2,4-trichlorobenzene (T)

13.511min (+0.013) 3.91ug/L m

response 30070

Ion	Exp%	Act%
180.00	100	100
182.00	94.80	83.63
145.00	30.60	26.84
0.00	0.00	0.00

> MR
5/15/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Quantitation Report (Qedit)

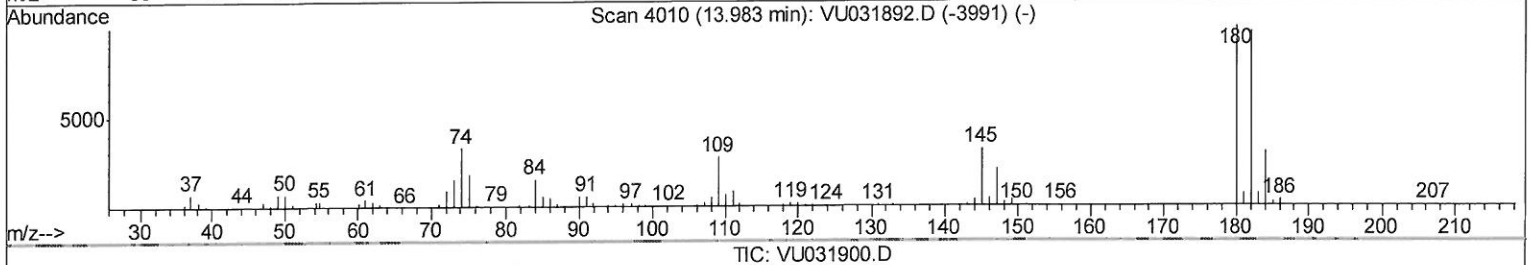
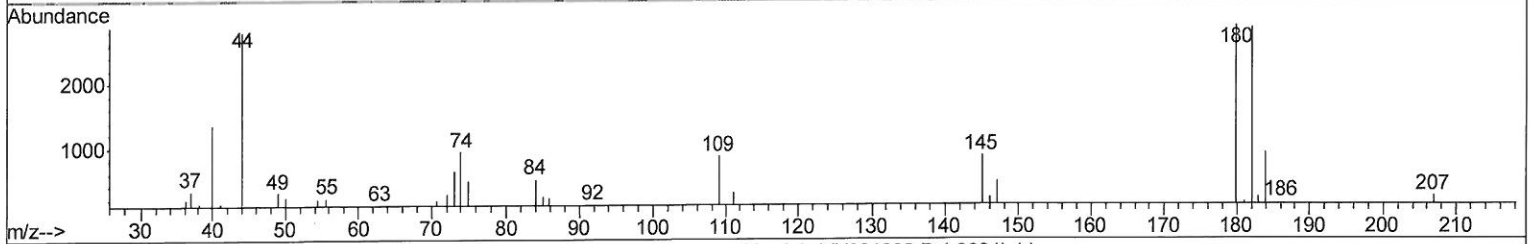
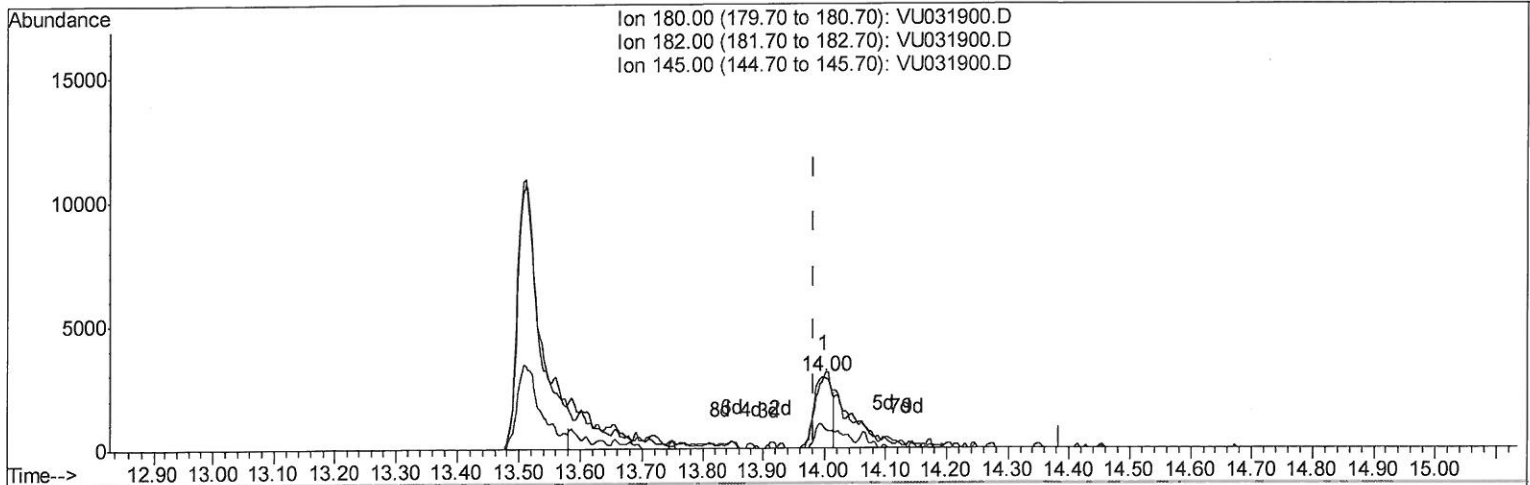
Data File : VU031900.D
Acq On : 10 May 2019 19:56
Operator : JC/SP
Sample : K2742-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C31DL

Manual Integrations
APPROVED

MMDadoda
5/11/2019 11:49:18 AM

Quant Time: May 11 02:49:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration



(70) 1,2,3-Trichlorobenzene (T)

14.000min (+0.016) 0.69ug/L

response 6020

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	95.20
145.00	32.50	21.31#
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Quantitation Report (Qedit)

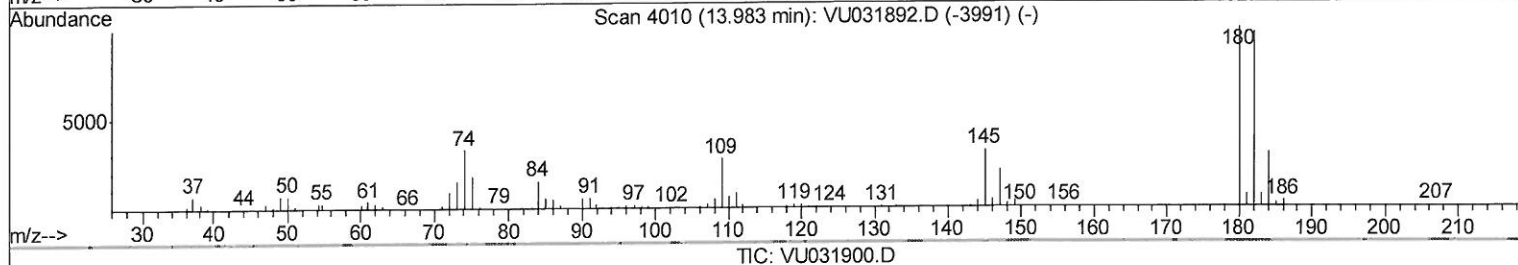
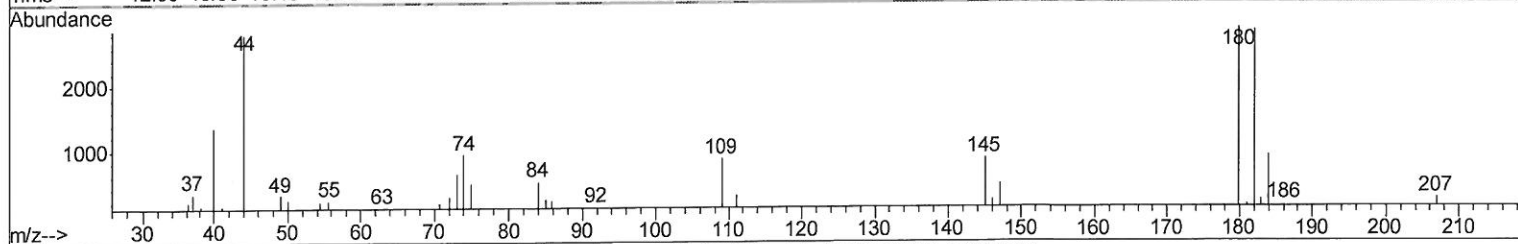
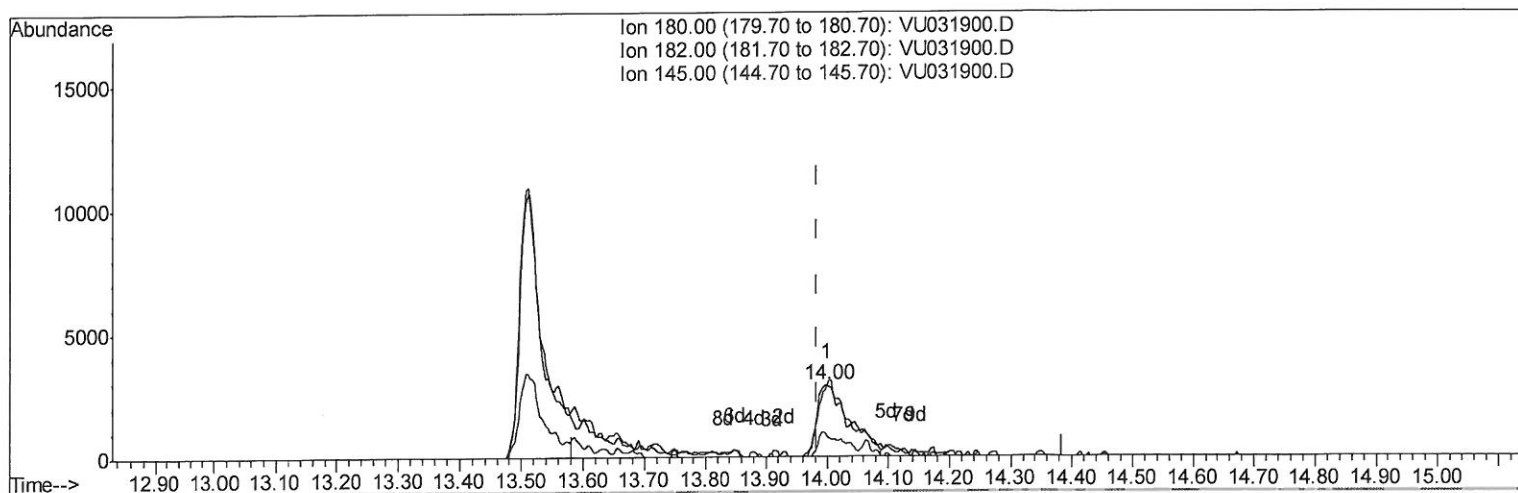
Data File : VU031900.D
Acq On : 10 May 2019 19:56
Operator : JC/SP
Sample : K2742-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0C31DL

Manual Integrations
APPROVED

MMDadoda
5/11/2019 11:49:18 AM

Quant Time: May 11 02:49:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration



(70) 1,2,3-Trichlorobenzene (T)

14.000min (+0.016) 1.24ug/L m

response 10828

Ion Exp% Act%

180.00 100 100

182.00 95.10 52.93#

145.00 32.50 11.85#

0.00 0.00 0.00

Handwritten:
JMR
5/11/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\
Quantitation Report (QT Reviewed)

Data File : VU031900.D
Acq On : 10 May 2019 19:56
Operator : JC/SP
Sample : K2742-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
Client Sampled :
C0C31DL

Manual Integrations
APPROVED

MMDadoda
5/11/2019 11:49:18 AM

Quant Time: May 11 03:58:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 02:45:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	993152	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1023041	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	392216	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	355778	42.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.60%		
7) Chloroethane-d5	1.67	69	314541	48.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	97.94%		
11) 1,1-Dichloroethene-d2	2.26	63	507369	30.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.30%		
21) 2-Butanone-d5	4.17	46	643917	85.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.50%		
24) Chloroform-d	4.64	84	658584m	43.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.52%		
26) 1,2-Dichloroethane-d4	5.31	65	445360	44.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.56%		
32) Benzene-d6	5.33	84	1375344	43.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.56%		
36) 1,2-Dichloropropane-d6	6.32	67	470207	42.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.08%		
41) Toluene-d8	7.56	98	1172203	42.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.68%		
43) trans-1,3-Dichloropropene-	7.85	79	185516	39.10	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.20%		
47) 2-Hexanone-d5	8.31	63	426481	89.15	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.15%		
57) 1,1,2,2-Tetrachloroethane-	10.43	84	662237	44.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.30%		
64) 1,2-Dichlorobenzene-d4	11.86	152	405778	49.19	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.38%		

Target Compounds

					Qvalue
33) Benzene	5.39	78	273975	7.284	ug/L 100
51) Chlorobenzene	9.12	112	1110552	50.158	ug/L 97
62) 1,3-Dichlorobenzene	11.42	146	35429	2.729	ug/L 99
63) 1,4-Dichlorobenzene	11.50	146	314469	23.388	ug/L 99
65) 1,2-Dichlorobenzene	11.87	146	451452	32.718	ug/L 98
68) 1,2,4-trichlorobenzene	13.51	180	30070m	3.906	ug/L
70) 1,2,3-Trichlorobenzene	14.00	180	10828m	1.235	ug/L

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