Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030620\

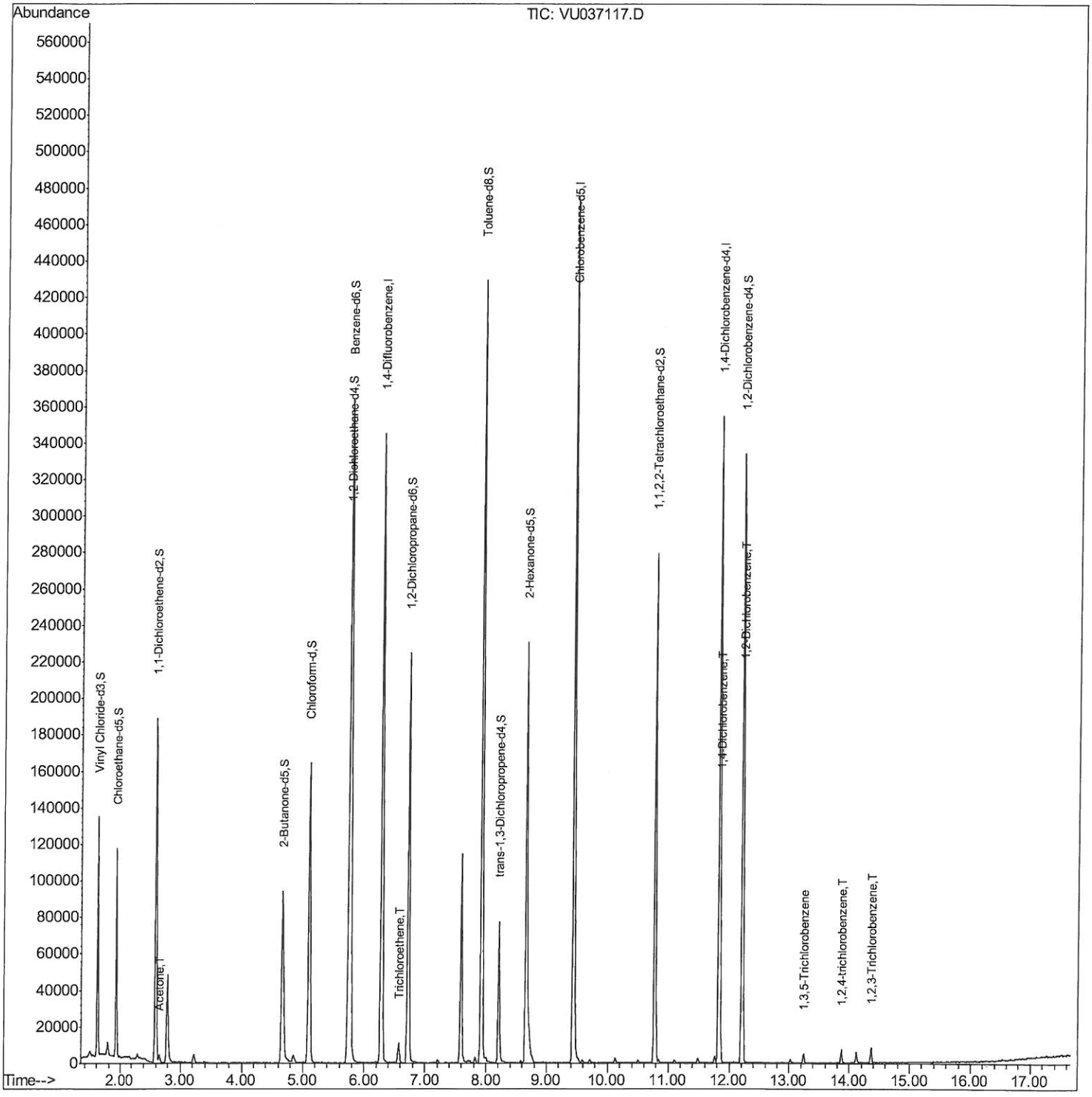
Quantitation Report (QT Reviewed)

Data File : VU037117.D
Acq On : 06 Mar 2020 18:33
Operator : JC/MD
Sample : L1834-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 07 01:26:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 06 23:54:55 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0DF2

Manual Integrations APPROVED
sam
3/11/2020 3:30:10 PM



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030620\

Quantitation Report (Qedit)

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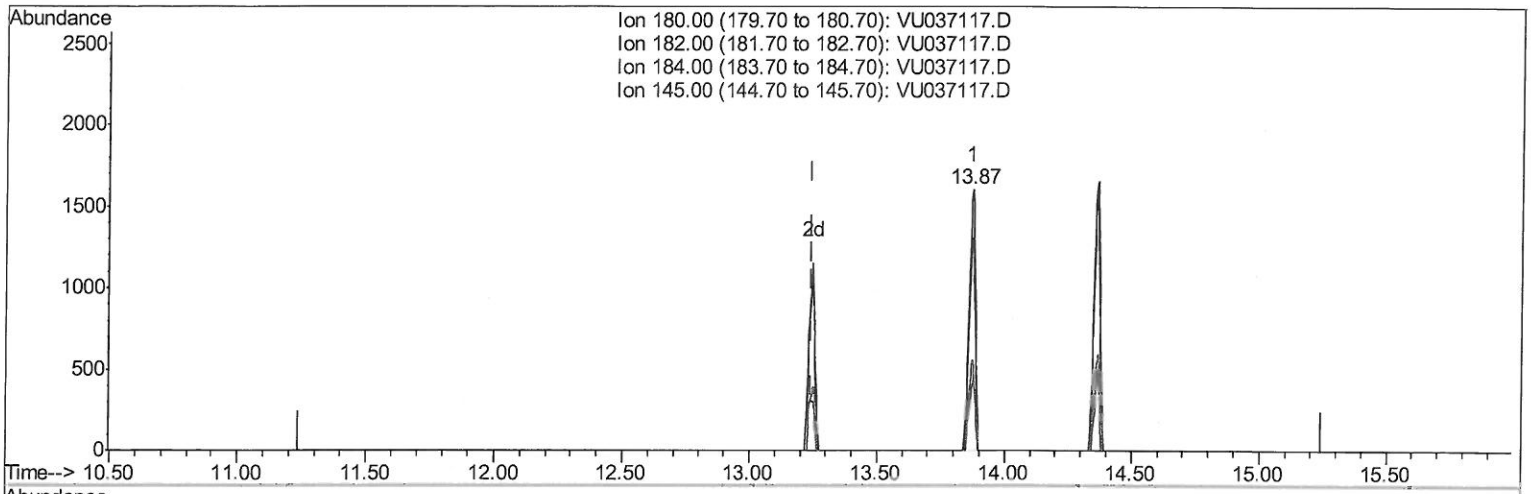
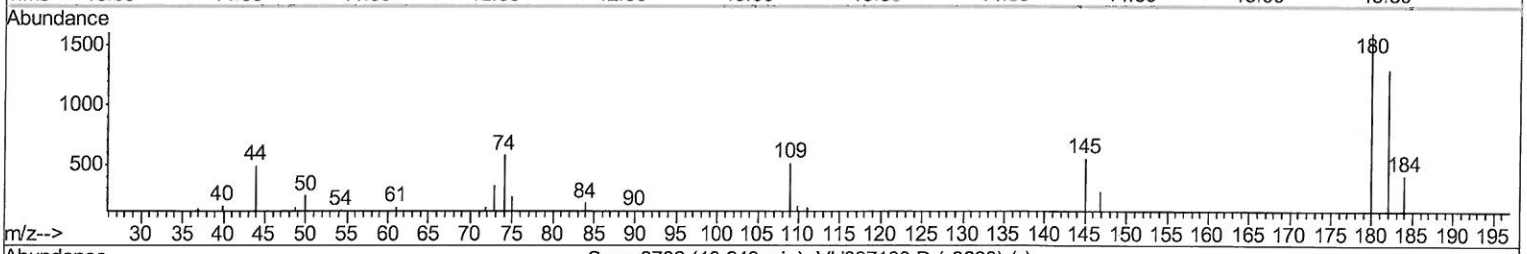
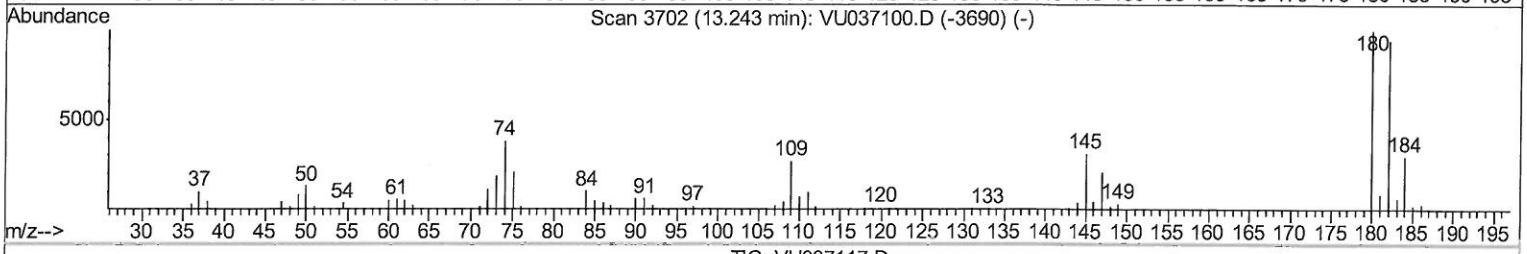
sam
3/11/2020 3:30:10 PM







TIC: VU037117.D

(67) 1,3,5-Trichlorobenzene

13.870min (+0.627) 1.46ug/L

response 2591

Ion	Exp%	Act%
180.00	100	100
182.00	96.10	80.59
184.00	30.20	26.63
145.00	31.60	33.15

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030620\

Quantitation Report (Qedit)

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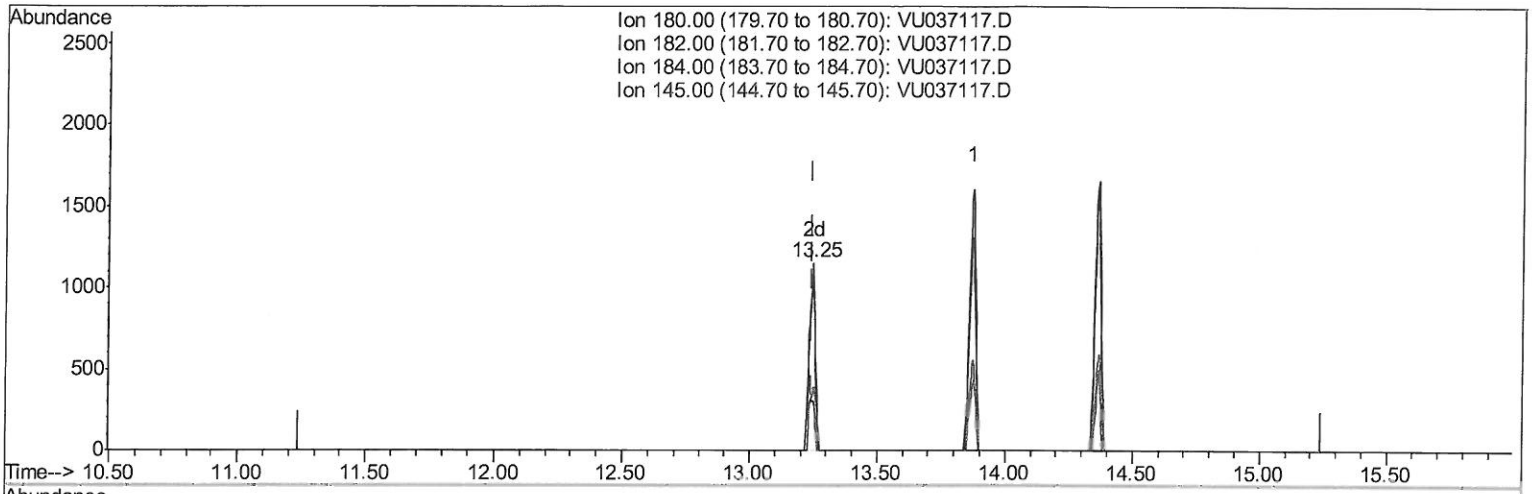
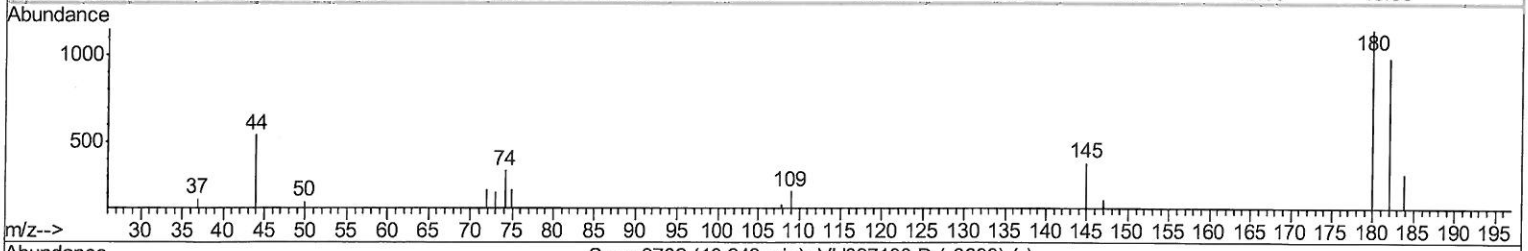
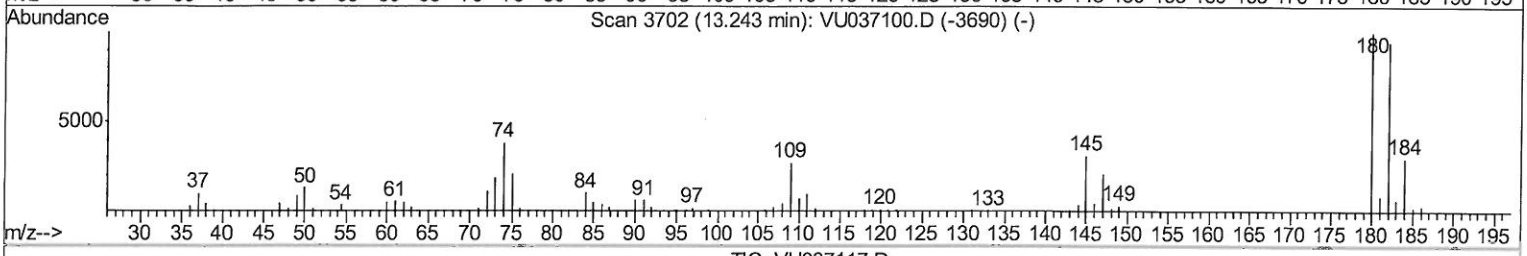
Quant Title : VOC Analysis
QLast Update : Fri Mar 06 23:54:55 2020
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0DF2

Manual Integrations APPROVED
sam
3/11/2020 3:30:10 PM







TIC: VU037117.D

(67) 1,3,5-Trichlorobenzene

13.246min (+0.003) 0.95ug/L m

response 1695

Ion	Exp%	Act%
180.00	100	100
182.00	96.10	123.19#
184.00	30.20	40.71#
145.00	31.60	50.68#

JMD
3/14/20

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030620\

Quantitation Report (QT Reviewed)

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Acq On : 06 Mar 2020 18:33
Operator : JC/MD
Sample : L1834-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 07 01:26:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 06 23:54:55 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : C0DF2

Manual Integrations APPROVED
sam
3/11/2020 3:30:10 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	262742	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	250861	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	86293	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	85644	38.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.64%			
7) Chloroethane-d5	1.93	69	79989	43.81	ug/L	0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.62%			
11) 1,1-Dichloroethene-d2	2.59	63	114822	31.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 62.16%			
21) 2-Butanone-d5	4.67	46	133276	90.05	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.05%			
24) Chloroform-d	5.10	84	147319	43.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.44%			
26) 1,2-Dichloroethane-d4	5.74	65	102515	44.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.92%			
32) Benzene-d6	5.76	84	318391	43.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.78%			
36) 1,2-Dichloropropane-d6	6.72	67	105620	44.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 89.88%			
41) Toluene-d8	7.92	98	278306	41.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.70%			
43) trans-1,3-Dichloropropene-	8.20	79	42079	38.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 77.06%			
47) 2-Hexanone-d5	8.66	63	89815	78.16	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 78.16%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	143166	43.21	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.42%			
64) 1,2-Dichlorobenzene-d4	12.21	152	81341	48.22	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.44%			
Target Compounds						Qvalue
13) Acetone	2.66	43	4404	2.893	ug/L	98
34) Trichloroethene	6.57	95	2776	1.425	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	3197	1.156	ug/L	95
65) 1,2-Dichlorobenzene	12.23	146	2404	0.860	ug/L	94
67) 1,3,5-Trichlorobenzene	13.25	180	1695m	0.954	ug/L	
68) 1,2,4-trichlorobenzene	13.87	180	2591	1.946	ug/L	89
70) 1,2,3-Trichlorobenzene	14.37	180	2786	2.094	ug/L	94

MD 3/14/20

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