

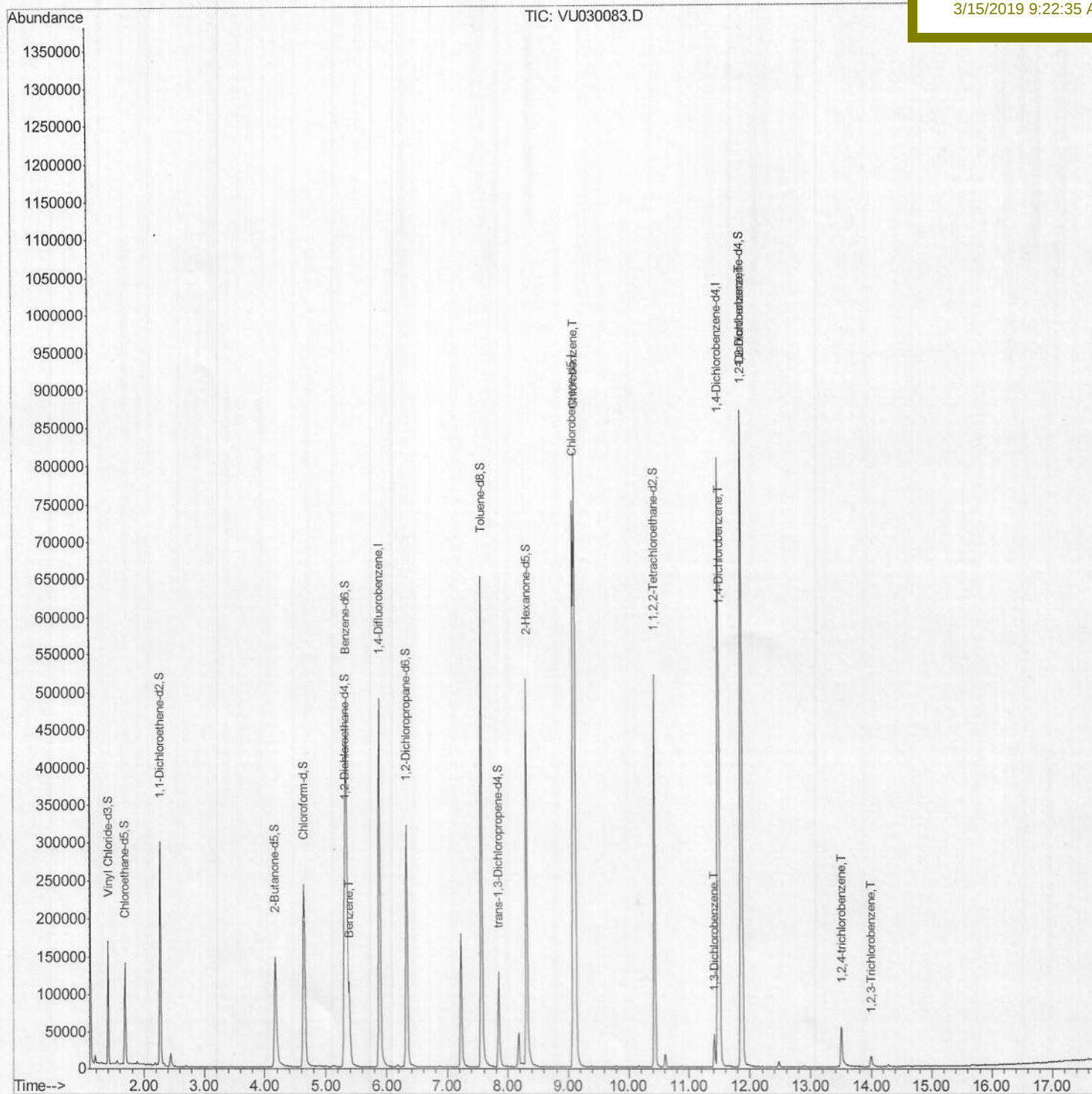
Data File : VU030083.D
Acq On : 14 Mar 2019 18:52
Operator : JC/SP
Sample : K1859-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 15 03:46:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 02:44:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
Client Sample Id :
C0BR0DL

Manual Integrations
APPROVED

MMDadoda
3/15/2019 9:22:35 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
Quantitation Report (Qedit)

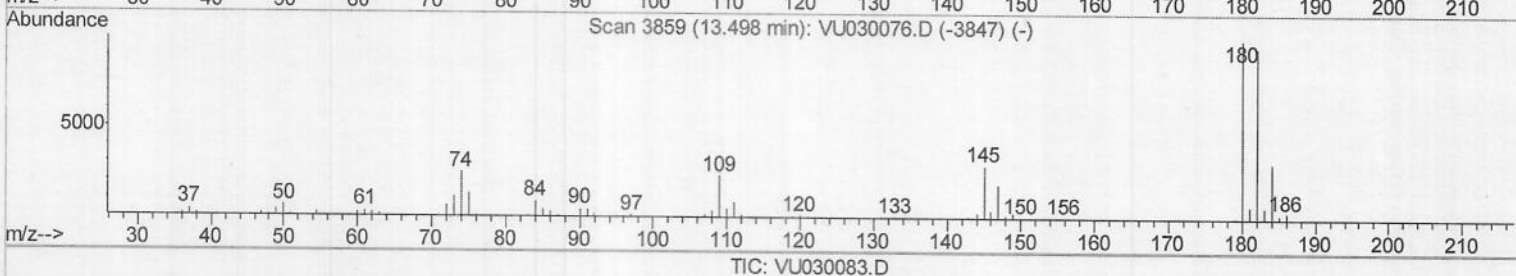
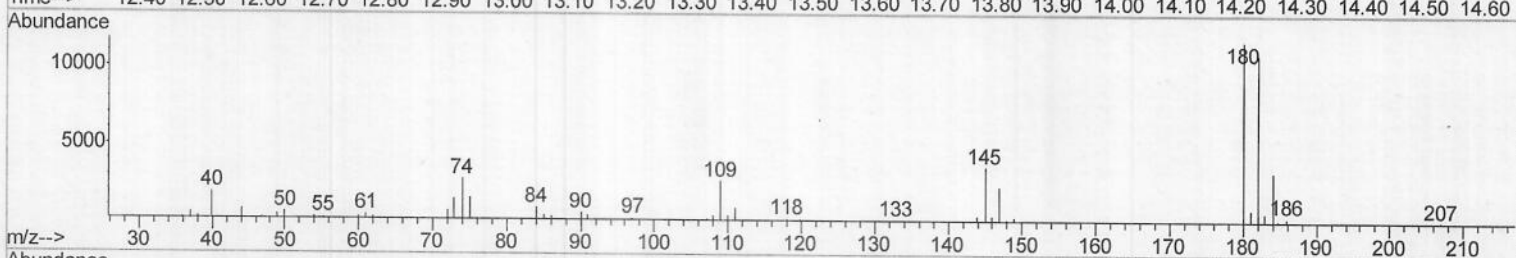
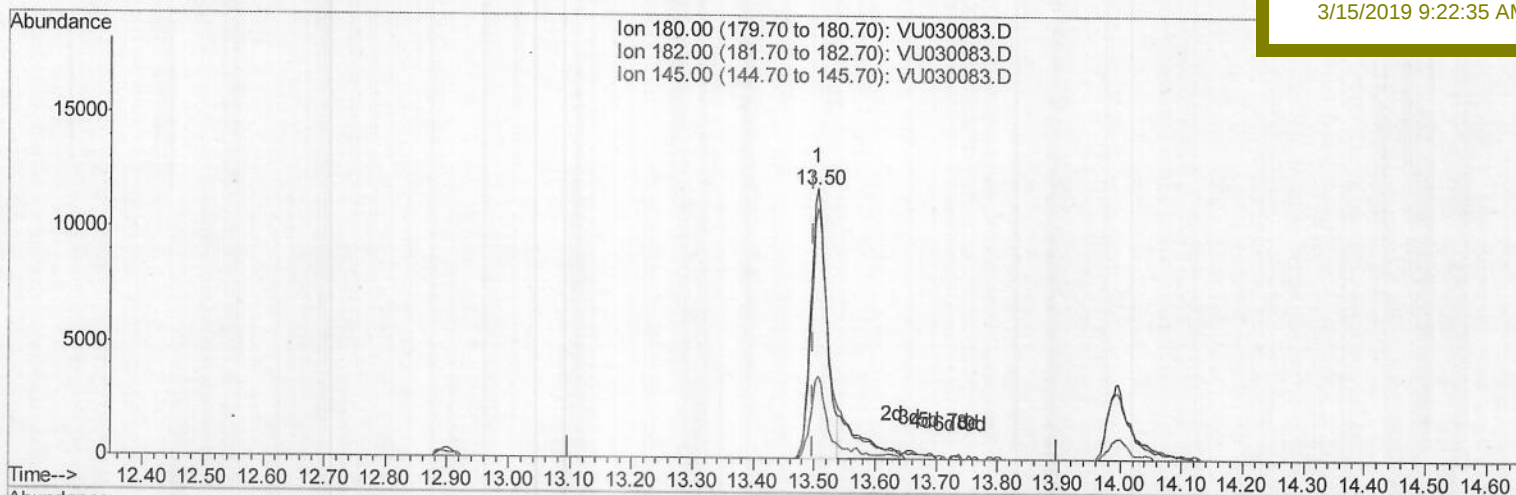
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(68) 1,2,4-trichlorobenzene (T)

13.505min (+0.007) 4.24ug/L

response 21367

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	108.56
145.00	28.70	31.33
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
Quantitation Report (Qedit)

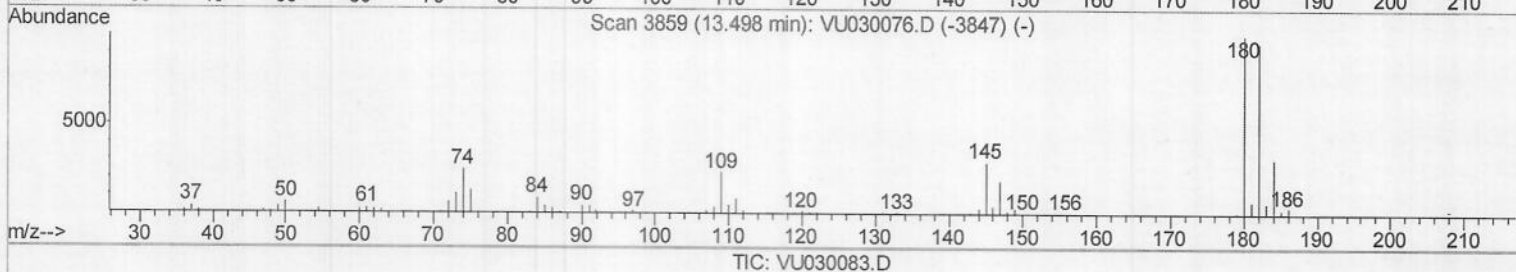
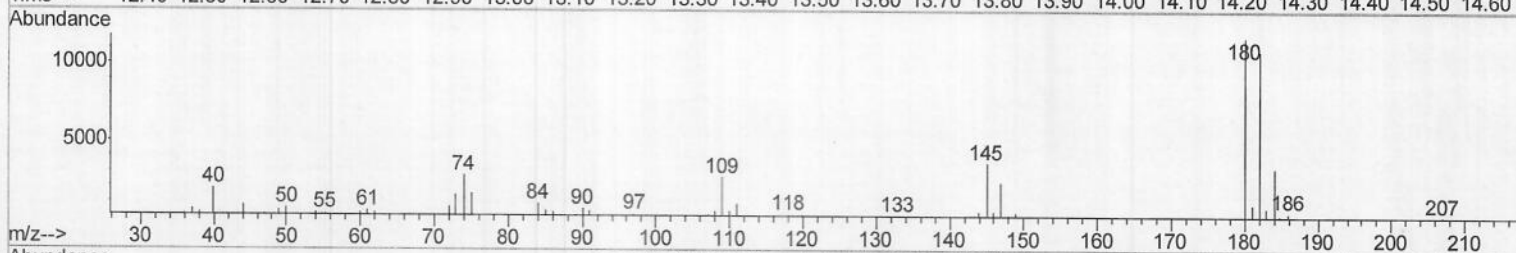
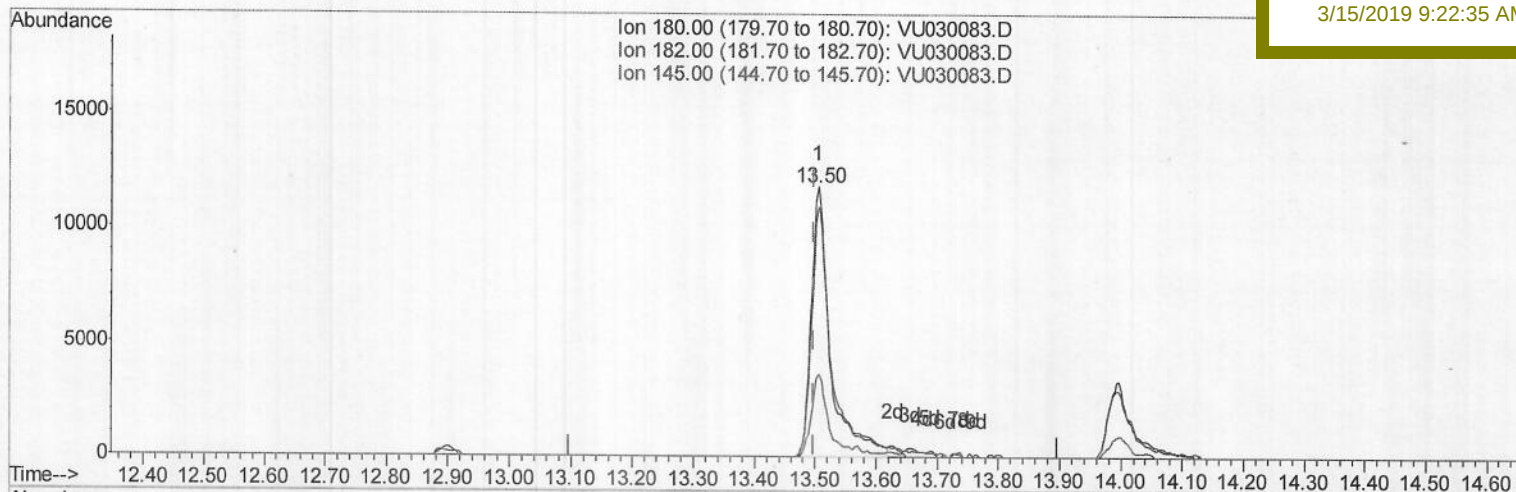
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Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0BR0DL

Manual Integrations
APPROVED

MMDadoda
3/15/2019 9:22:35 AM



TIC: VU030083.D

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

13.505min (+0.007) 5.19ug/L m

response 26167

Ion	Exp%	Act%
180.00	100	100
182.00	95.10	88.65
145.00	28.70	25.59
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031519\
Quantitation Report (QT Reviewed)

Data File : VU030083.D
Acq On : 14 Mar 2019 18:52
Operator : JC/SP
Sample : K1859-05DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COBR0DL

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Manual Integrations
APPROVED

MMDadoda
3/15/2019 9:22:35 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.88	114	463311	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	442470	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	219967	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106480	34.75	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	69.50%	
7) Chloroethane-d5	1.68	69	100280	40.54	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	81.08%	
11) 1,1-Dichloroethene-d2	2.27	63	164421	29.72	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	59.44%#	
21) 2-Butanone-d5	4.17	46	235455	102.55	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	102.55%	
24) Chloroform-d	4.65	84	255038	46.39	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	92.78%	
26) 1,2-Dichloroethane-d4	5.31	65	154480	48.64	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	97.28%	
32) Benzene-d6	5.34	84	530228	46.55	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	93.10%	
36) 1,2-Dichloropropane-d6	6.33	67	171160	49.10	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	98.20%	
41) Toluene-d8	7.56	98	479339	44.94	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.88%	
43) trans-1,3-Dichloropropene-	7.85	79	76549	45.33	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.66%	
47) 2-Hexanone-d5	8.31	63	199565	102.31	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	102.31%	
57) 1,1,2,2-Tetrachloroethane-	10.43	84	265832	49.63	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	99.26%	
64) 1,2-Dichlorobenzene-d4	11.86	152	216607	50.83	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
33) Benzene	5.39	78	113178	8.939	ug/L	100
51) Chlorobenzene	9.12	112	470709	50.718	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	20301	2.858	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	173978	24.086	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	232064	32.454	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	26167m	5.188	ug/L	
70) 1,2,3-Trichlorobenzene	14.00	180	7452	1.422	ug/L	91

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