

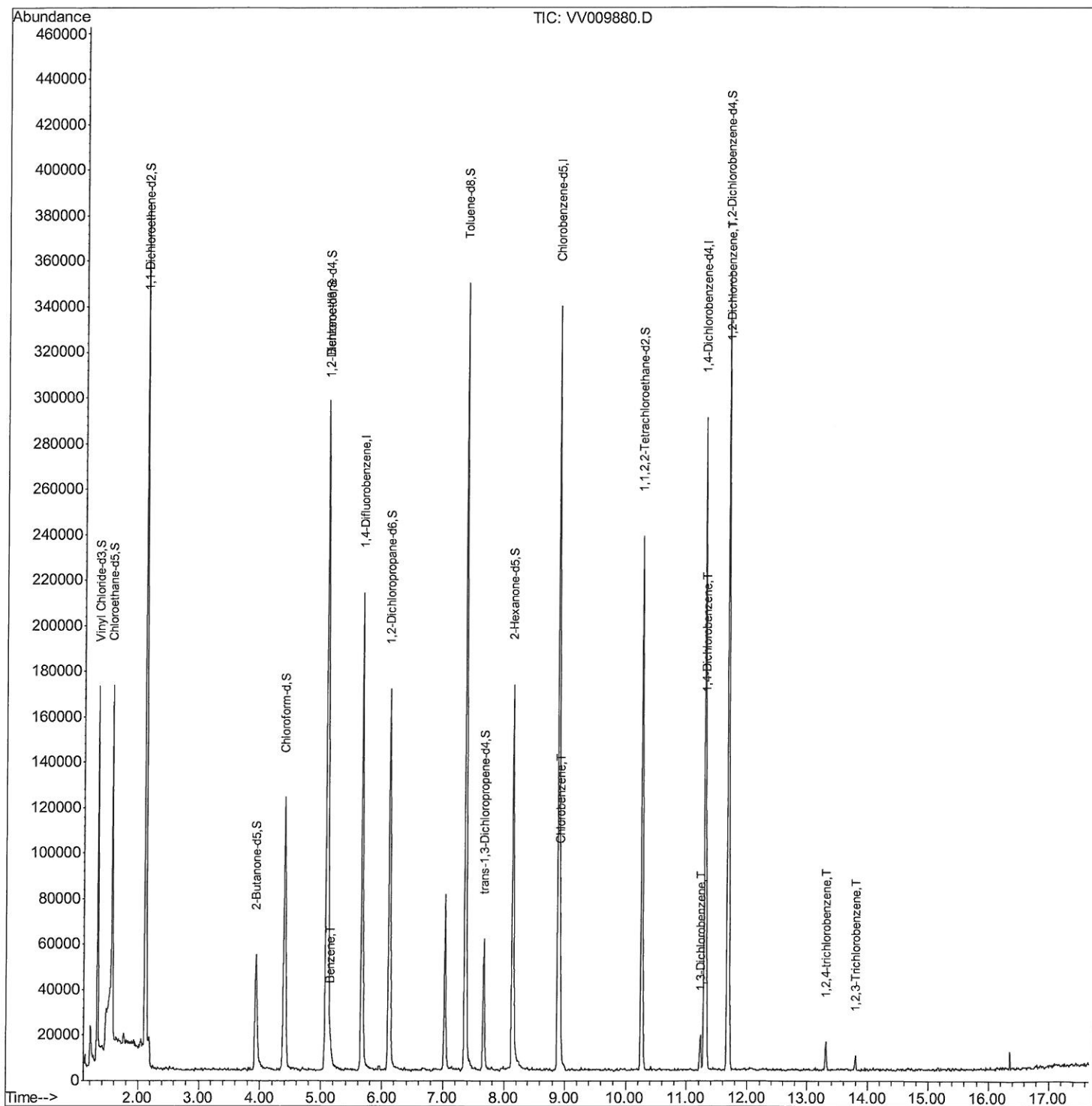
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV032519\
Data File : VV009880.D
Acq On : 25 Mar 2019 23:11
Operator : SY/MD
Sample : K2070-17 400X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C09E3

Manual Integrations
APPROVED

MMDadoda
3/26/2019 11:06:18 AM

Quant Time: Mar 26 08:42:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:13:38 2019
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032519\
Quantitation Report (Qedit)

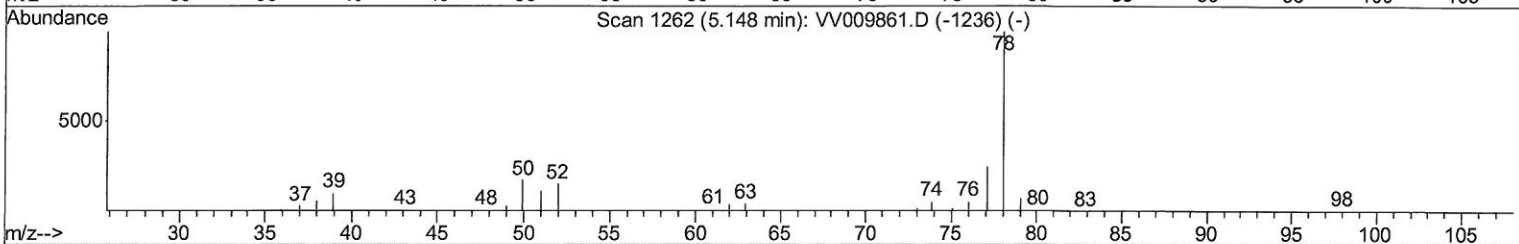
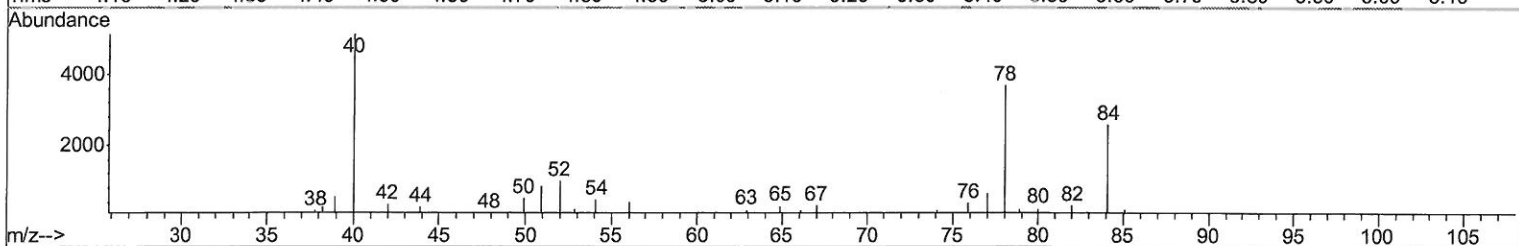
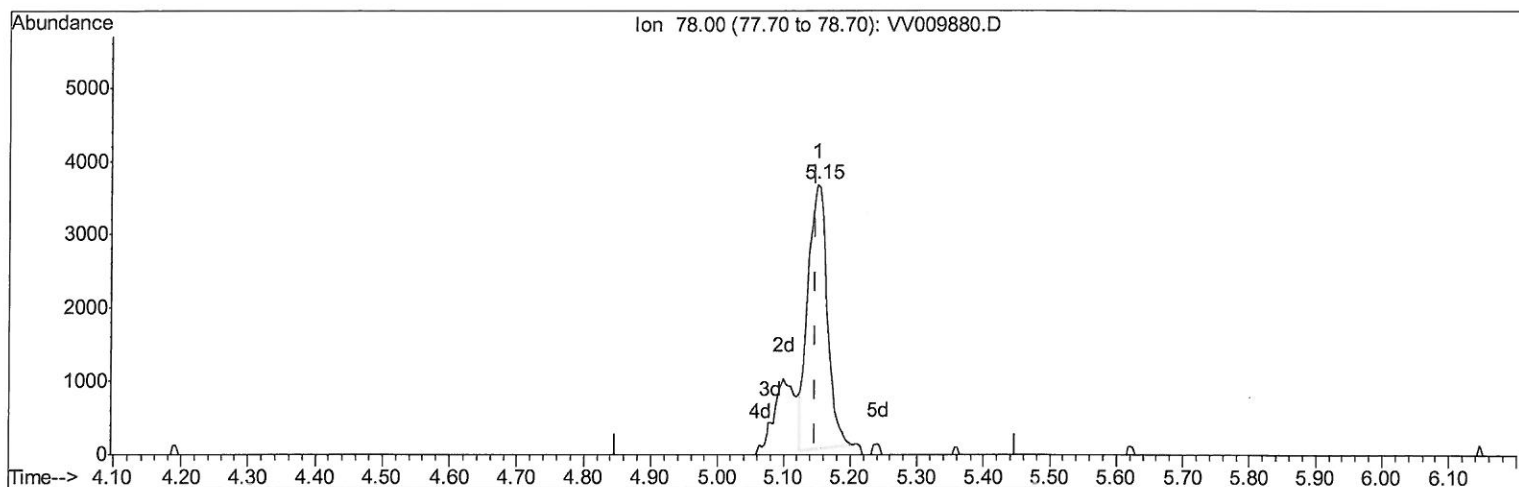
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TIC: VV009880.D

(33) Benzene (T)

5.151min (+0.003) 1.48ug/L

response 7328

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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Quantitation Report (Qedit)

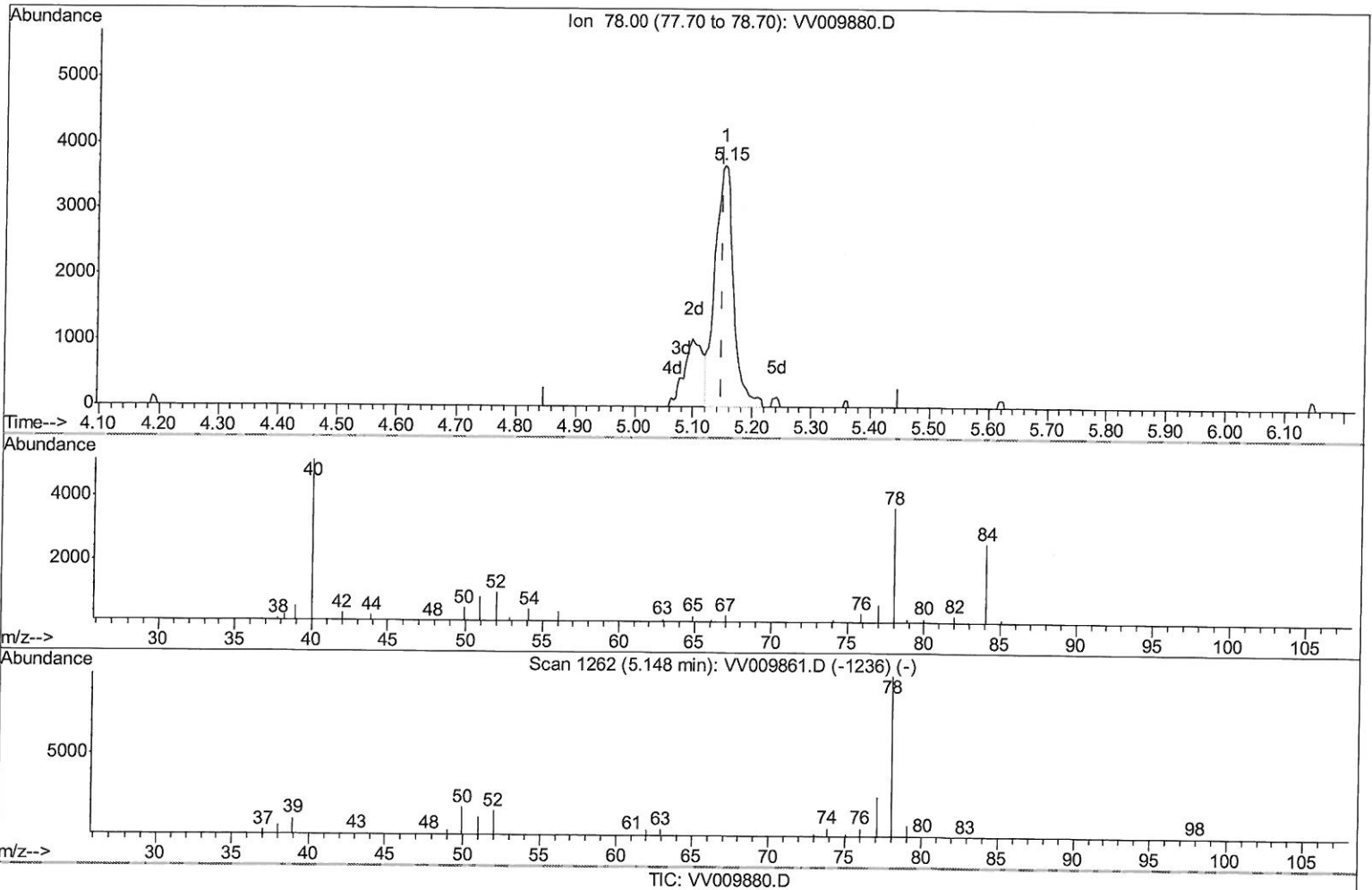
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(33) Benzene (T)

5.151min (+0.003) 1.63ug/L m

response 8037

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

> MD
6/15/19

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV032519\
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 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09E3

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 11:06:18 AM

Quant Time: Mar 26 08:42:01 2019
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 Quant Title : VOC Analysis
 QLast Update : Tue Mar 26 07:13:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	171450	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	169169	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67487	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85823	49.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.04%
7) Chloroethane-d5	1.56	69	97648	49.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.14%
11) 1,1-Dichloroethene-d2	2.13	63	186400	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	3.93	46	79233	101.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.40%
24) Chloroform-d	4.40	84	111913	45.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.94%
26) 1,2-Dichloroethane-d4	5.08	65	79417	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
32) Benzene-d6	5.10	84	239568	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.34%
36) 1,2-Dichloropropane-d6	6.12	67	74995	52.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.88%
41) Toluene-d8	7.36	98	219016	48.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.42%
43) trans-1,3-Dichloropropene-	7.66	79	26917	41.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.20%
47) 2-Hexanone-d5	8.14	63	58327	100.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.45%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103608	45.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.14%
64) 1,2-Dichlorobenzene-d4	11.67	152	78644	50.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

					Ovalue	
33) Benzene	5.15	78	8037m	1.627	ug/L	96
51) Chlorobenzene	8.93	112	22864	6.111	ug/L	96
62) 1,3-Dichlorobenzene	11.22	146	5676	2.455	ug/L	93
63) 1,4-Dichlorobenzene	11.32	146	21057	8.688	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	36922	15.118	ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	3868	3.078	ug/L #	84
70) 1,2,3-Trichlorobenzene	13.80	180	1425	1.121	ug/L #	83

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