

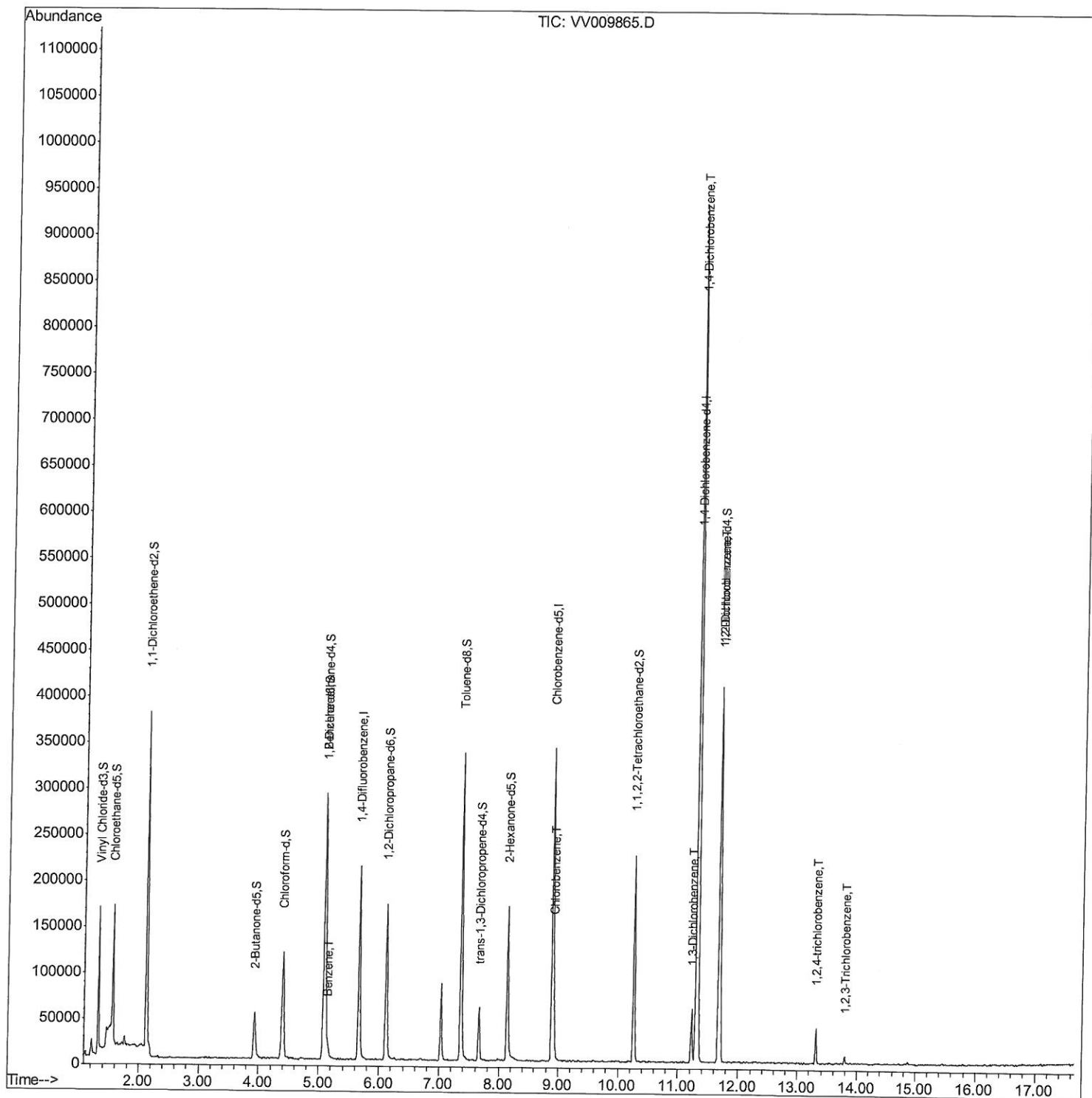
Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV032519\
Data File : VV009865.D
Acq On : 25 Mar 2019 17:08
Operator : SY/MD
Sample : K2016-15 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleID :
C09D5

Manual Integrations
APPROVED

MMDadoda
3/26/2019 11:05:47 AM

Quant Time: Mar 26 07:34:05 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)

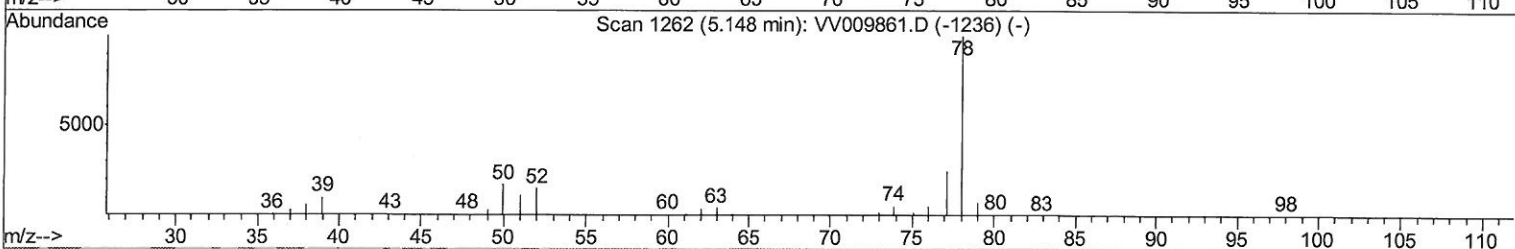
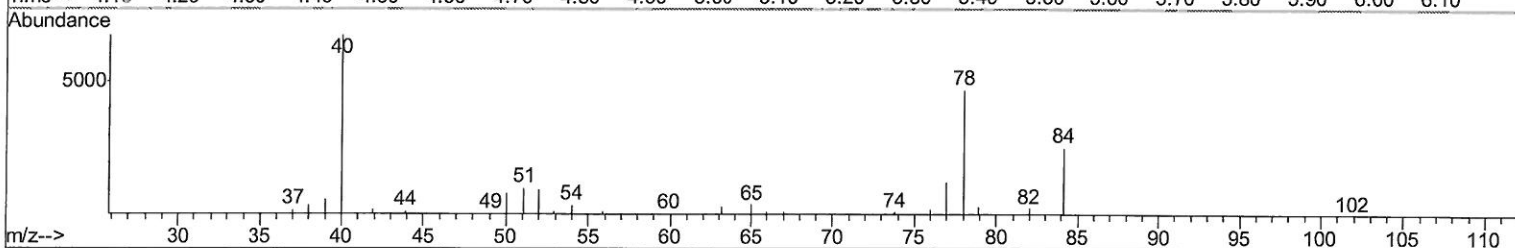
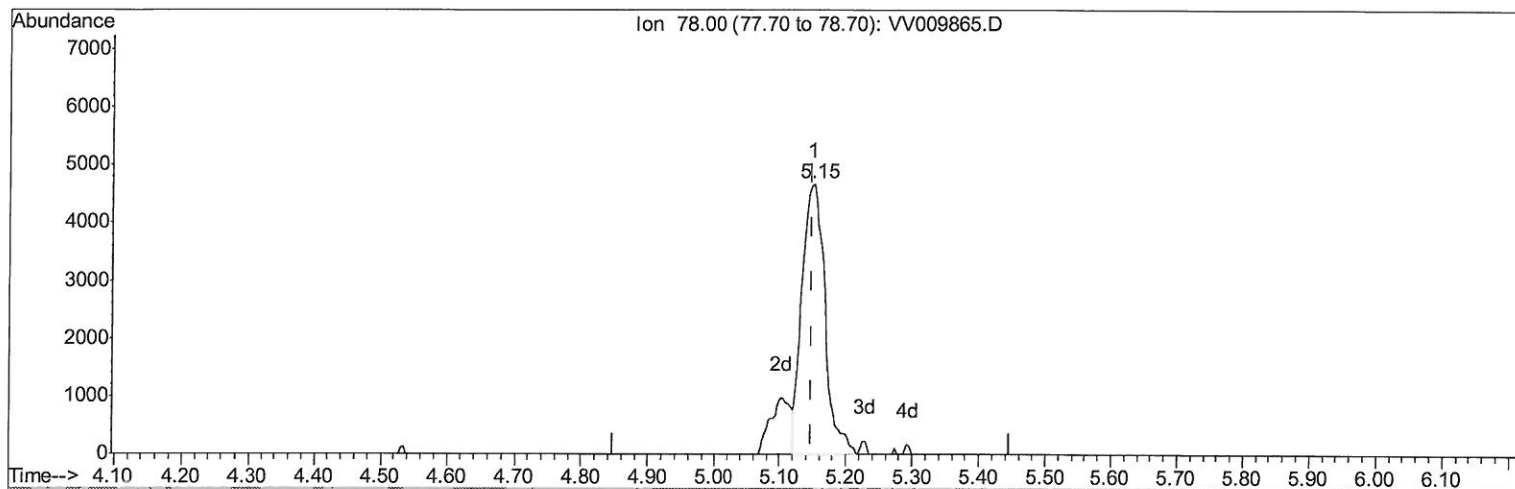
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TIC: VV009865.D

(33) Benzene (T)

5.151min (+0.003) 2.20ug/L m

response 11218

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

7 MD
4/5/19

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

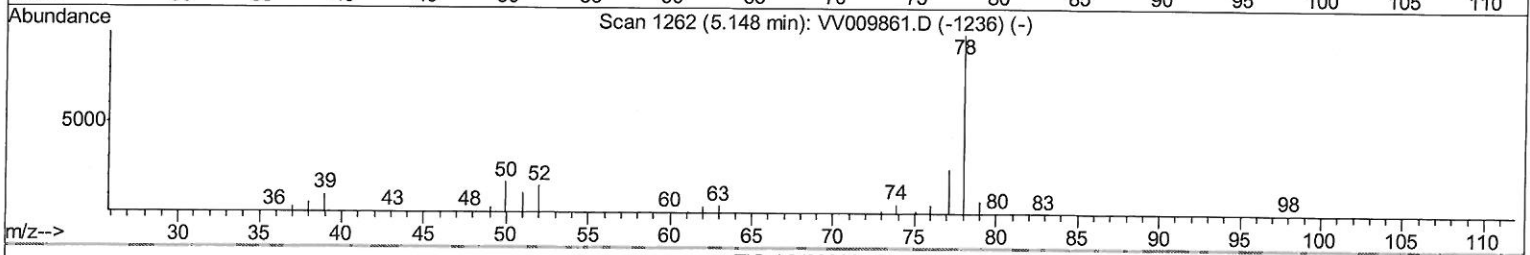
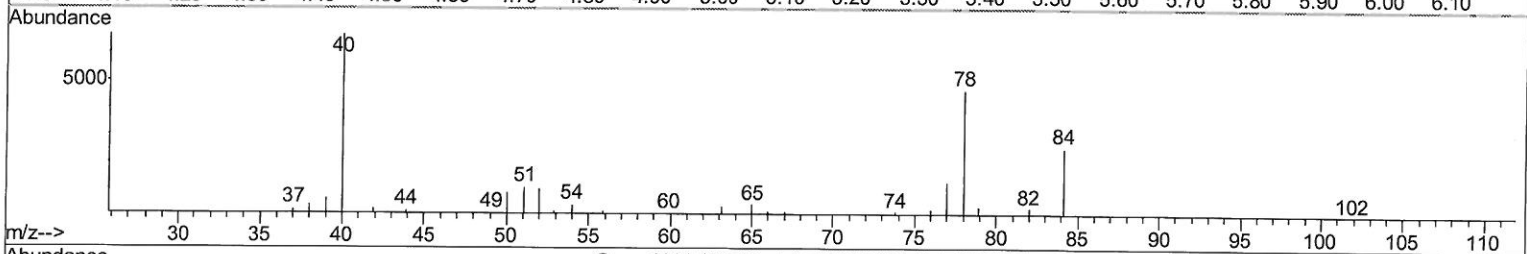
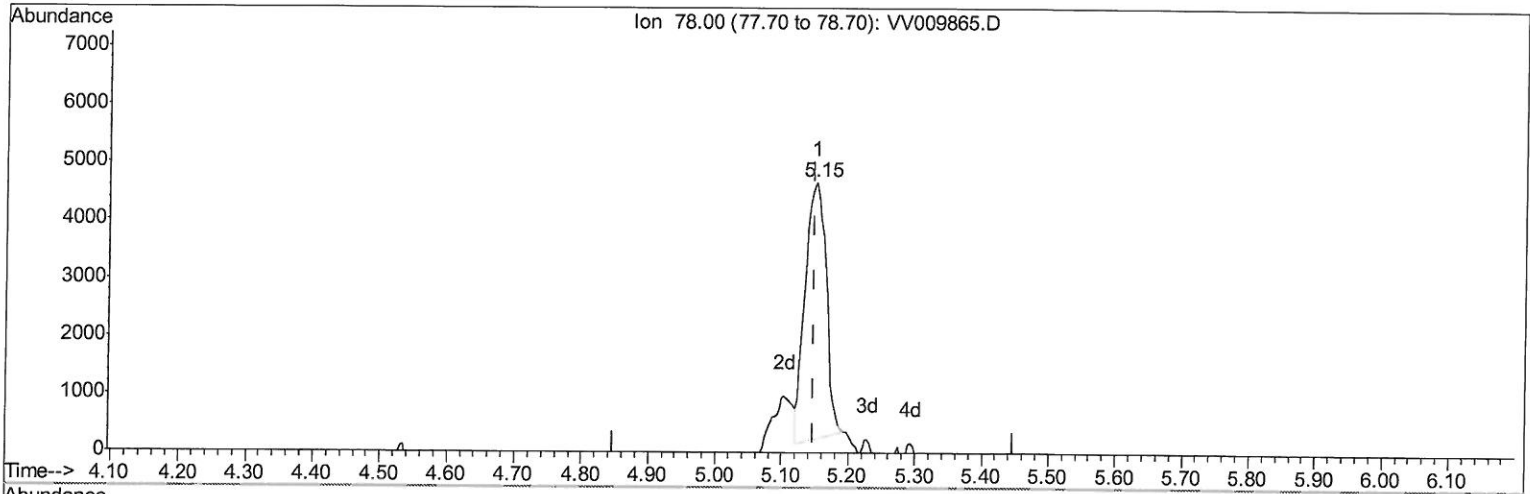
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Manual Integrations
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Quant Title : VOC Analysis
QLast Update : Tue Mar 26 07:13:38 2019
Response via : Initial Calibration



TIC: VV009865.D

(33) Benzene (T)

5.151min (+0.003) 1.93ug/L

response 9838

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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Manual Integrations
 APPROVED

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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	174528	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	174824	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74251	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83748	47.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.00%		
7) Chloroethane-d5	1.56	69	95042	47.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.80%		
11) 1,1-Dichloroethene-d2	2.13	63	182685	34.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.56%		
21) 2-Butanone-d5	3.93	46	75317	94.69	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.69%		
24) Chloroform-d	4.40	84	111292	44.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.82%		
26) 1,2-Dichloroethane-d4	5.08	65	76604	46.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.50%		
32) Benzene-d6	5.10	84	235464	49.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.24%		
36) 1,2-Dichloropropane-d6	6.12	67	73797	50.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.82%		
41) Toluene-d8	7.36	98	209611	45.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.22%		
43) trans-1,3-Dichloropropene-	7.66	79	27321	40.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.72%		
47) 2-Hexanone-d5	8.14	63	55553	92.58	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.58%		
57) 1,1,2,2-Tetrachloroethane-	10.26	84	98921	41.64	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.28%		
64) 1,2-Dichlorobenzene-d4	11.68	152	81011	47.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.18%		

Target Compounds

33) Benzene	5.15	78	11218m	2.198	ug/L	Ovalue
51) Chlorobenzene	8.93	112	30795	7.964	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	20313	7.986	ug/L	90
63) 1,4-Dichlorobenzene	11.32	146	324400	121.649	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	94314	35.100	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	10139	7.333	ug/L	93
70) 1,2,3-Trichlorobenzene	13.80	180	2054	1.469	ug/L	91

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