

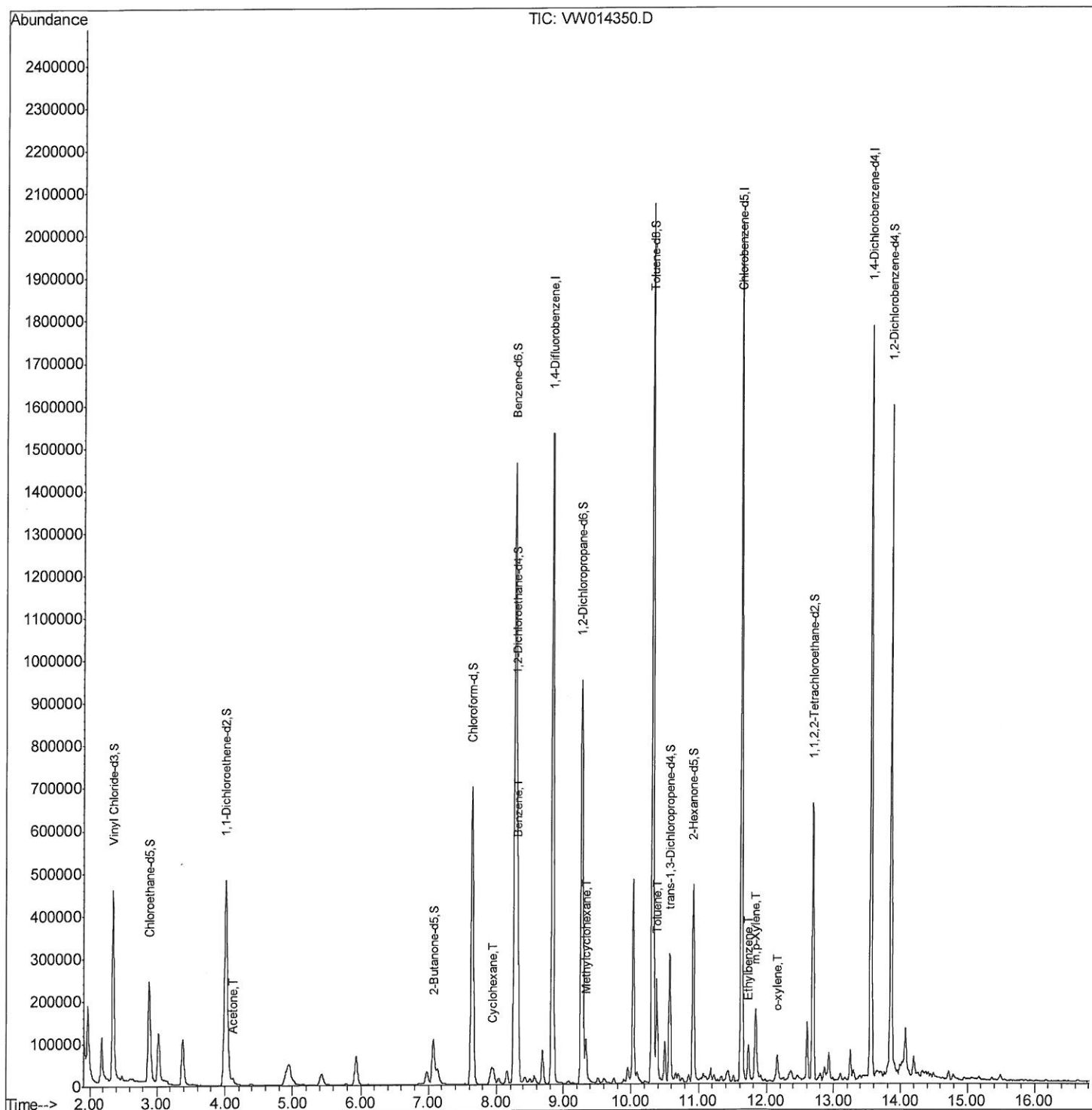
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\
 Quantitation Report (QT Reviewed)
 Data File : VW014350.D
 Acq On : 13 Dec 2019 15:29
 Operator : SY/VA
 Sample : K6270-01
 Misc : 5.44G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ETK79

Manual Integrations
 APPROVED

apatel
 12/16/2019 1:11:34 PM

Quant Time: Dec 14 05:32:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 14 04:28:18 2019
 Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\
Quantitation Report (Qedit)

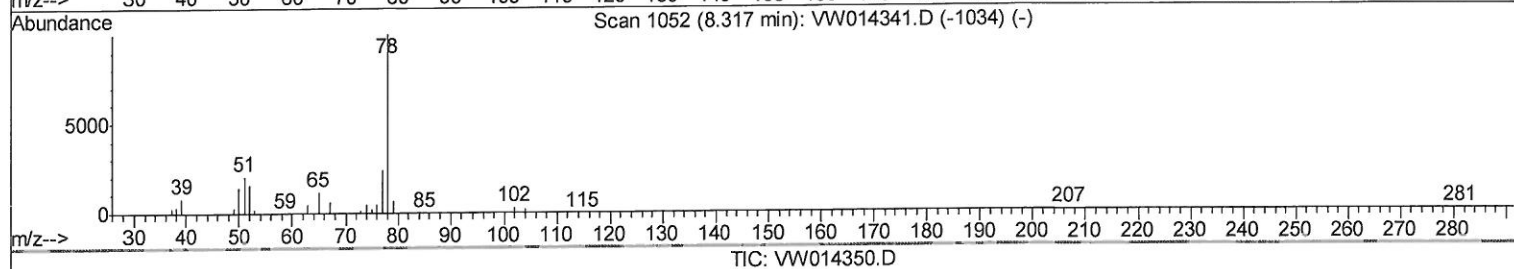
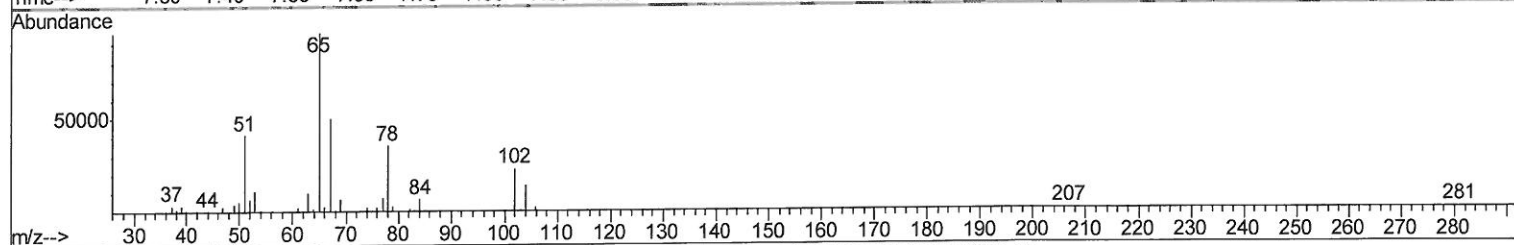
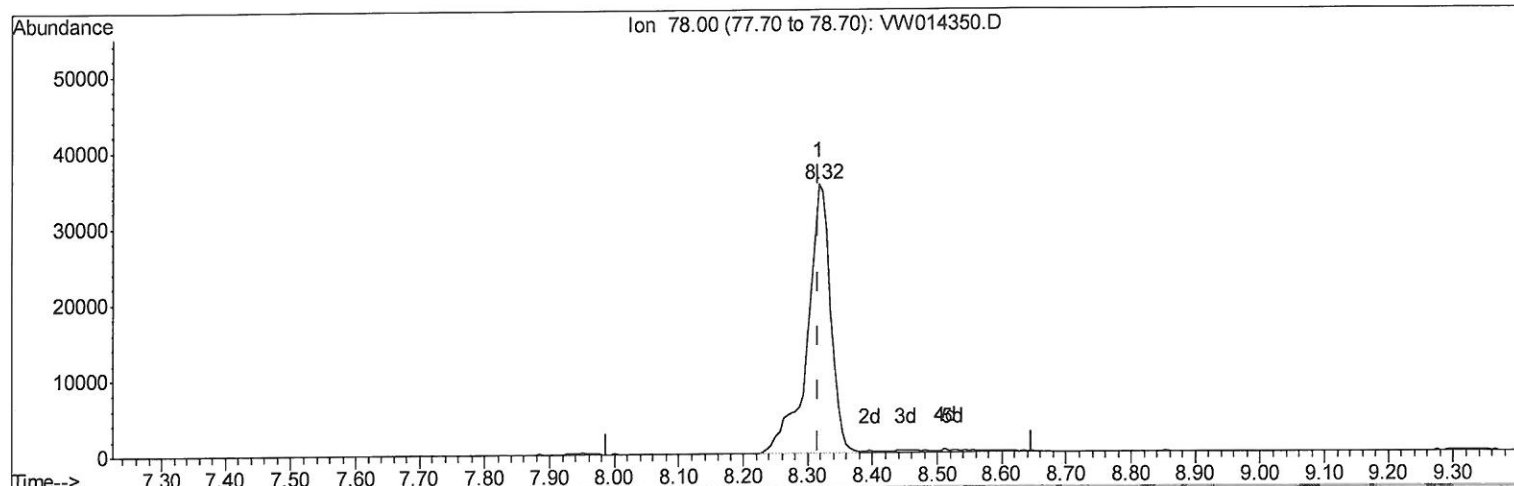
Data File : VW014350.D
Acq On : 13 Dec 2019 15:29
Operator : SY/VA
Sample : K6270-01
Misc : 5.44G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK79

Manual Integrations
APPROVED

apatel
12/16/2019 1:11:34 PM

Quant Time: Dec 14 04:31:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration



(34) Benzene (T)

8.317min (-0.000) 1.24ug/L

response 89819

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\
Quantitation Report (Qedit)

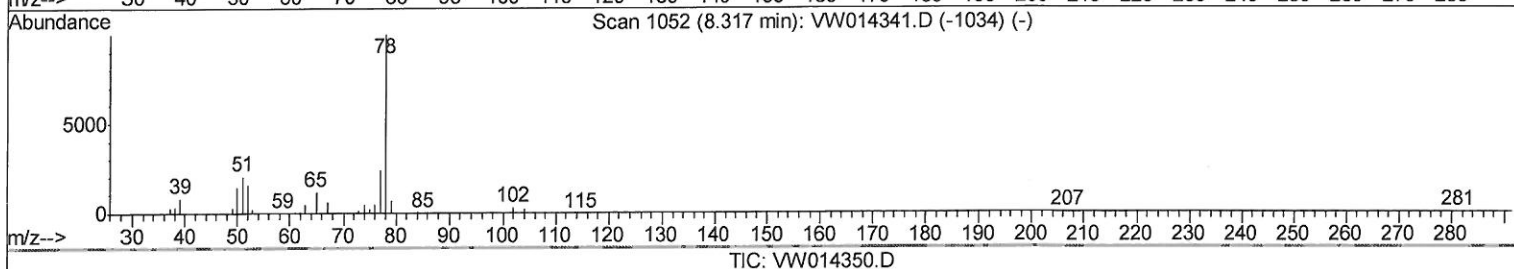
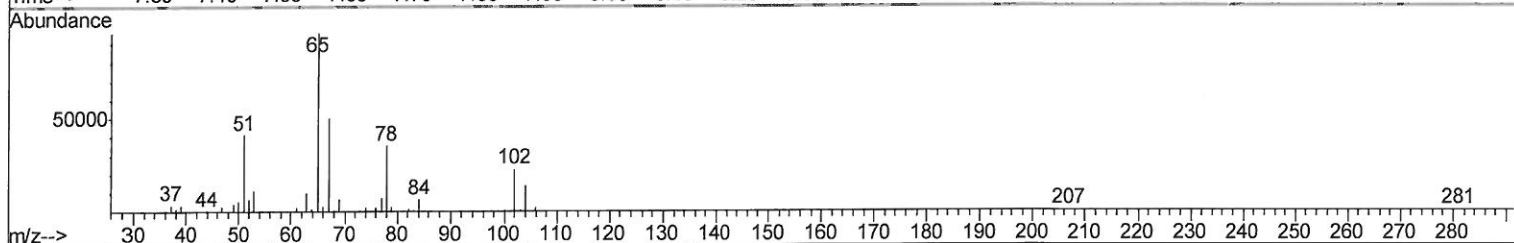
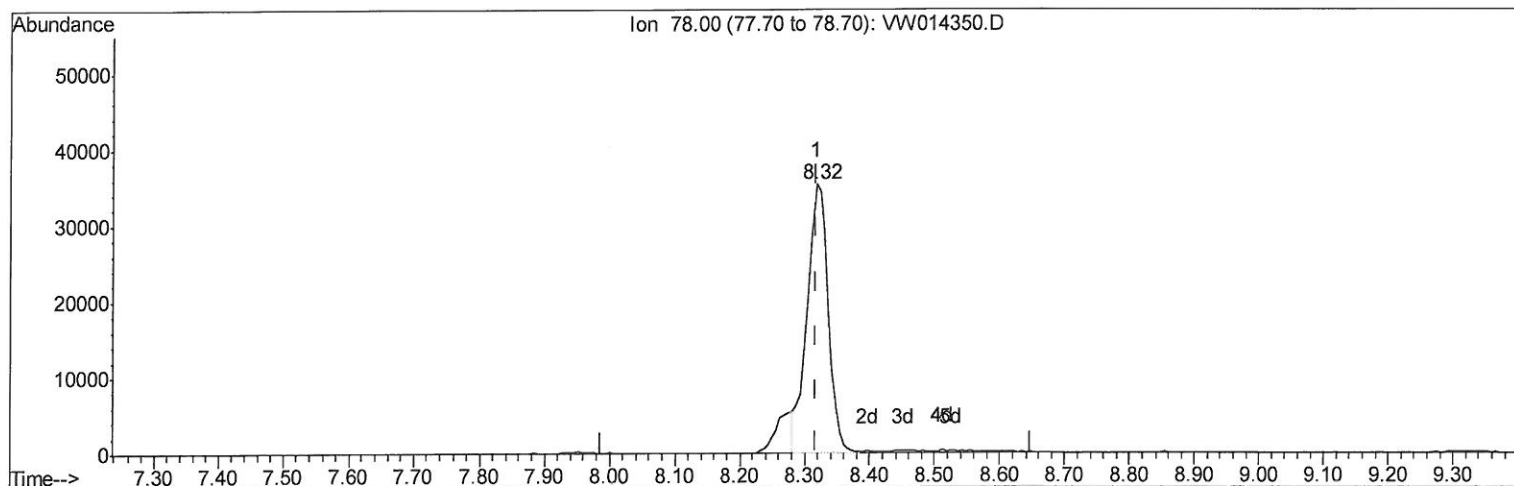
Data File : VW014350.D
Acq On : 13 Dec 2019 15:29
Operator : SY/VA
Sample : K6270-01
Misc : 5.44G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ETK79

Manual Integrations
APPROVED

apatel
12/16/2019 1:11:34 PM

Quant Time: Dec 14 04:31:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration



TIC: VW014350.D

(34) Benzene (T)

8.317min (-0.000) 1.10ug/L m

> 12/17/19 SY

response 79814

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121319\
Quantitation Report (QT Reviewed)

Data File : VW014350.D
Acq On : 13 Dec 2019 15:29
Operator : SY/VA
Sample : K6270-01
Misc : 5.44G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
ETK79

Manual Integrations
APPROVED

apatel
12/16/2019 1:11:34 PM

Quant Time: Dec 14 05:32:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 14 04:28:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1325326	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1141484	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	487051	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	386487	19.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.04%		
7) Chloroethane-d5	2.89	69	313435	21.00	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.00%		
10) 1,1-Dichloroethene-d2	4.01	63	559511	15.78	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	63.12%		
20) 2-Butanone-d5	7.07	46	185591	35.49	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	70.98%		
24) Chloroform-d	7.64	84	737300	21.85	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.40%		
26) 1,2-Dichloroethane-d4	8.30	65	371370	20.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	83.96%		
29) Benzene-d6	8.27	84	1549770	23.17	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.68%		
33) 1,2-Dichloropropane-d6	9.27	67	477414	23.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.80%		
37) Toluene-d8	10.32	98	1368910	22.63	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	90.52%		
38) trans-1,3-Dichloropropene-	10.57	79	174624	20.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	80.88%		
39) 2-Hexanone-d5	10.92	63	159001	38.85	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.70%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	333231	19.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	79.48%		
61) 1,2-Dichlorobenzene-d4	13.85	152	423615	22.76	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.04%		

Target Compounds

					Qvalue
13) Acetone	4.12	43	20345	4.035 ug/L	94
30) Cyclohexane	7.95	56	23243	0.816 ug/L #	76
34) Benzene	8.32	78	79814m	1.104 ug/L	86
36) Methylcyclohexane	9.34	83	36236	1.166 ug/L #	86
44) Toluene	10.38	91	181354	2.393 ug/L	99
53) Ethylbenzene	11.72	91	58928	0.717 ug/L	91
54) m,p-Xylene	11.83	106	35650	1.127 ug/L	96
55) o-xylene	12.16	106	13835	0.461 ug/L	96

12/17/19 by

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