

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\

Data File : VW009855.D

Acq On : 09 Apr 2019 23:39

Operator : SY/VA

Sample : K2327-12

Misc : 4.81G/10ML/MSVOA W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 24 05:56:53 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

QLast Update : Wed Apr 10 04:42:28 2019

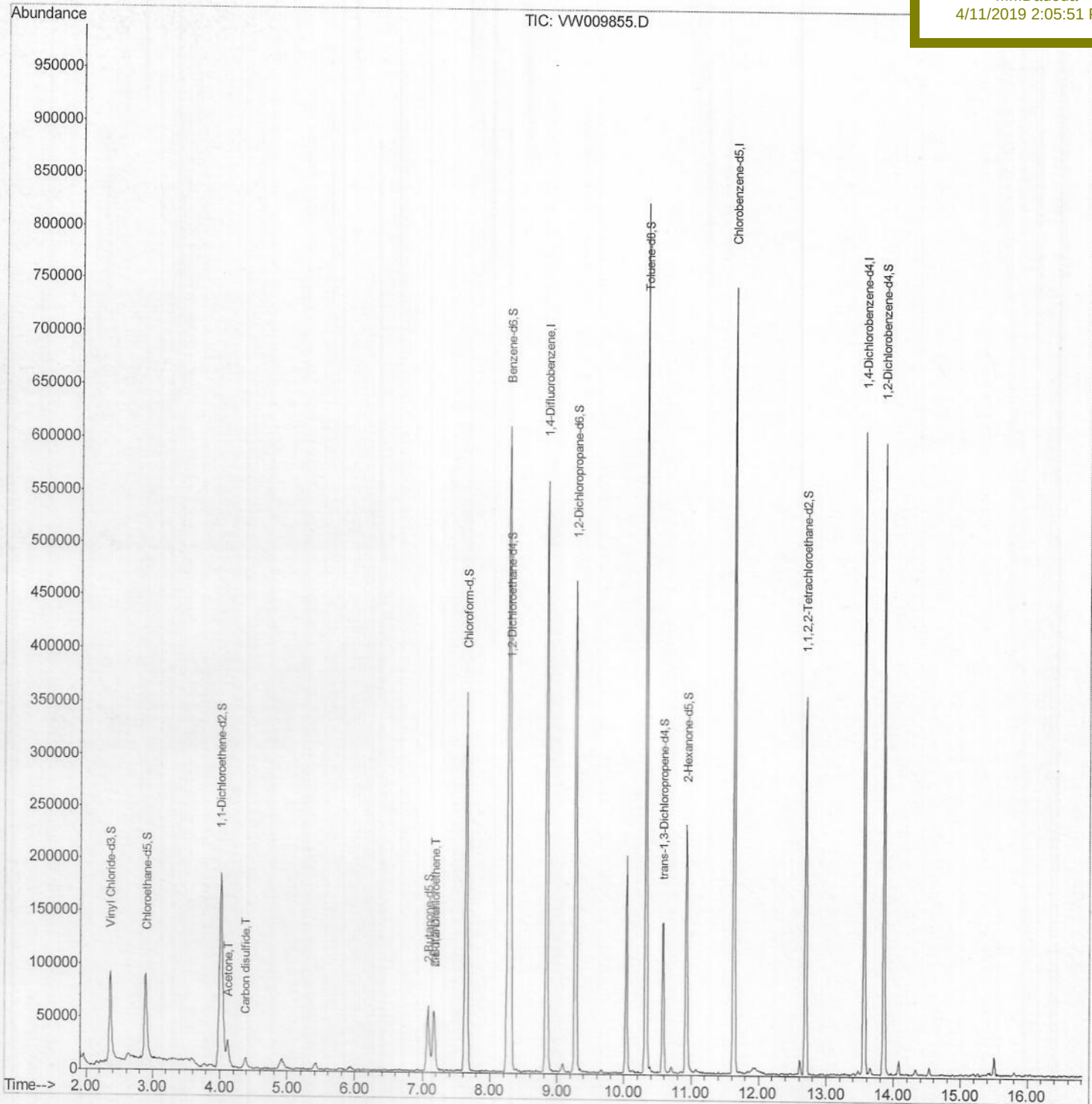
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

BF0N6

Manual Integrations
APPROVEDMMDadoda
4/11/2019 2:05:51 PM

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\

Data File : VW009855.D

Acq On : 09 Apr 2019 23:39

Operator : SY/VA

Sample : K2327-12

Misc : 4.81G/10ML/MSVOA_W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 04:46:52 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

QLast Update : Wed Apr 10 04:42:28 2019

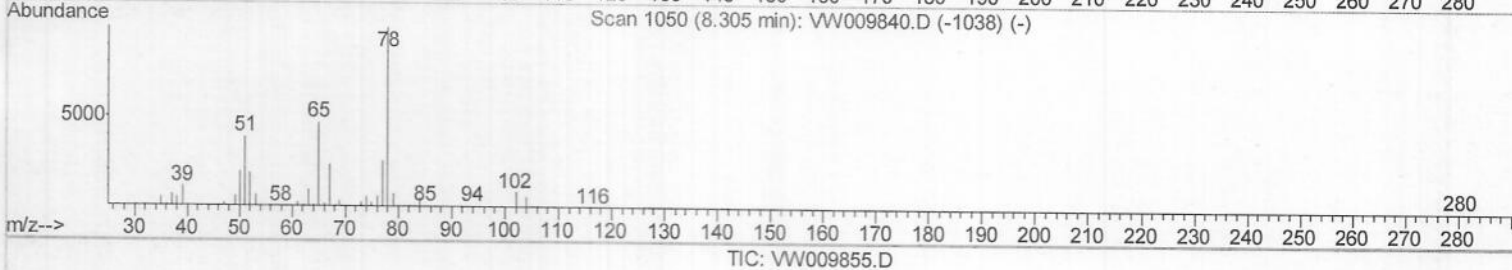
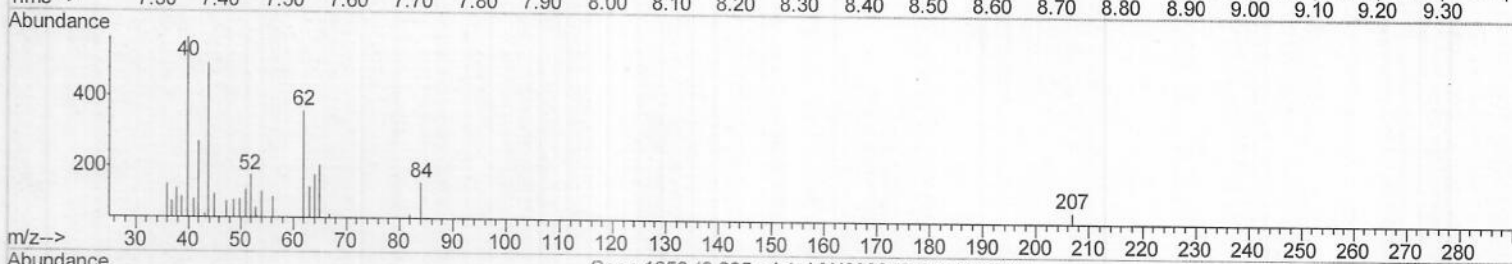
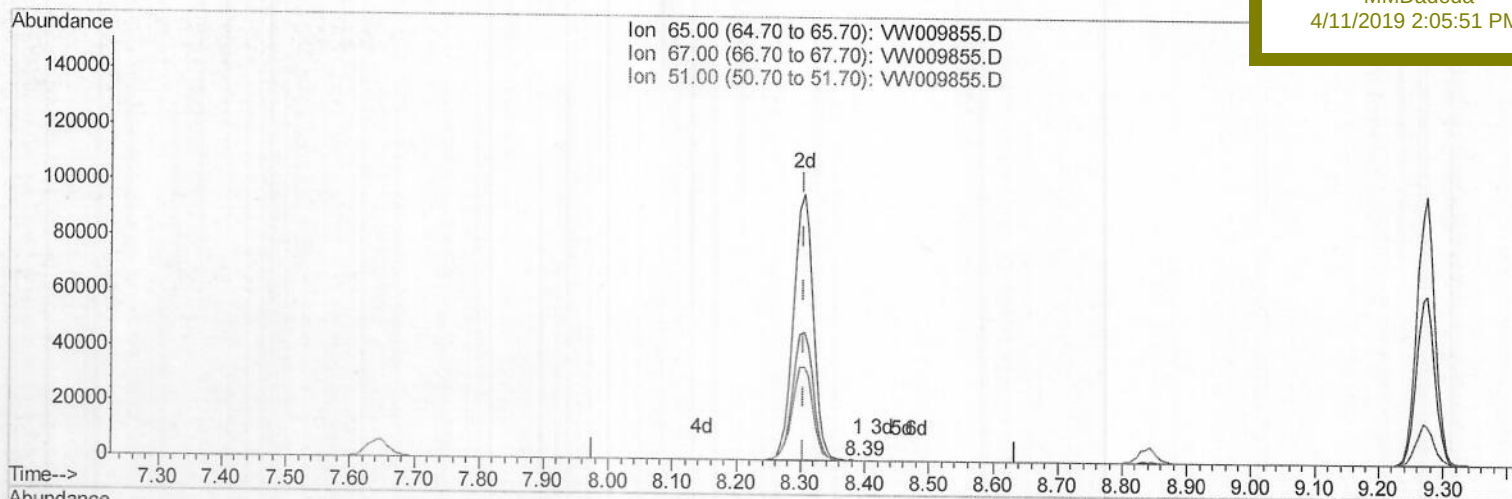
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

BF0N6

Manual Integrations
APPROVEDMMDadoda
4/11/2019 2:05:51 PM

(26) 1,2-Dichloroethane-d4 (S)

8.391min (+0.086) 0.04ug/L

response 255

Ion Exp% Act%

65.00 100 100

67.00 50.90 44.31

51.00 109.90 126.67

0.00 0.00 0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040819\

Data File : VW009855.D

Acq On : 09 Apr 2019 23:39

Operator : SY/VA

Sample : K2327-12

Misc : 4.81G/10ML/MSVOA_W/SOIL

ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 10 04:46:52 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M

Quant Title : VOC Analysis

QLast Update : Wed Apr 10 04:42:28 2019

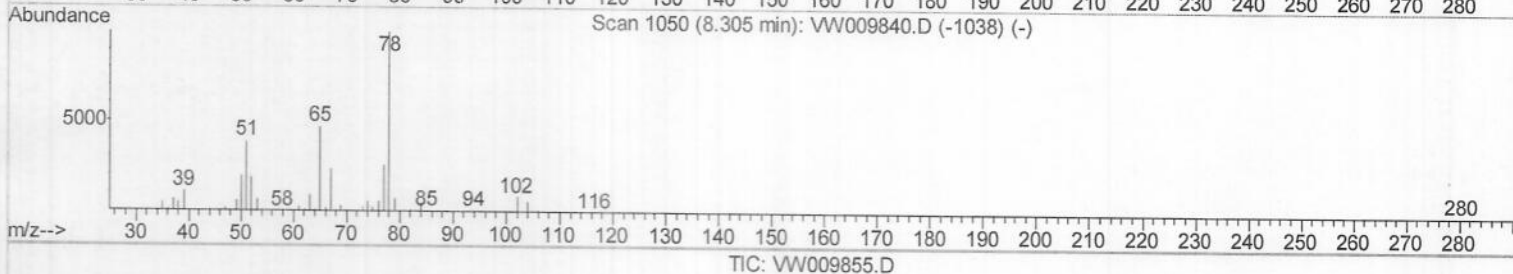
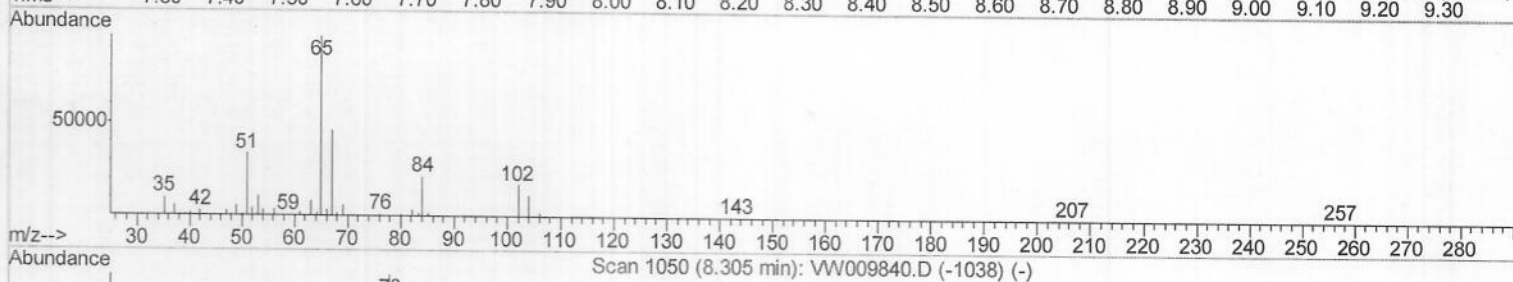
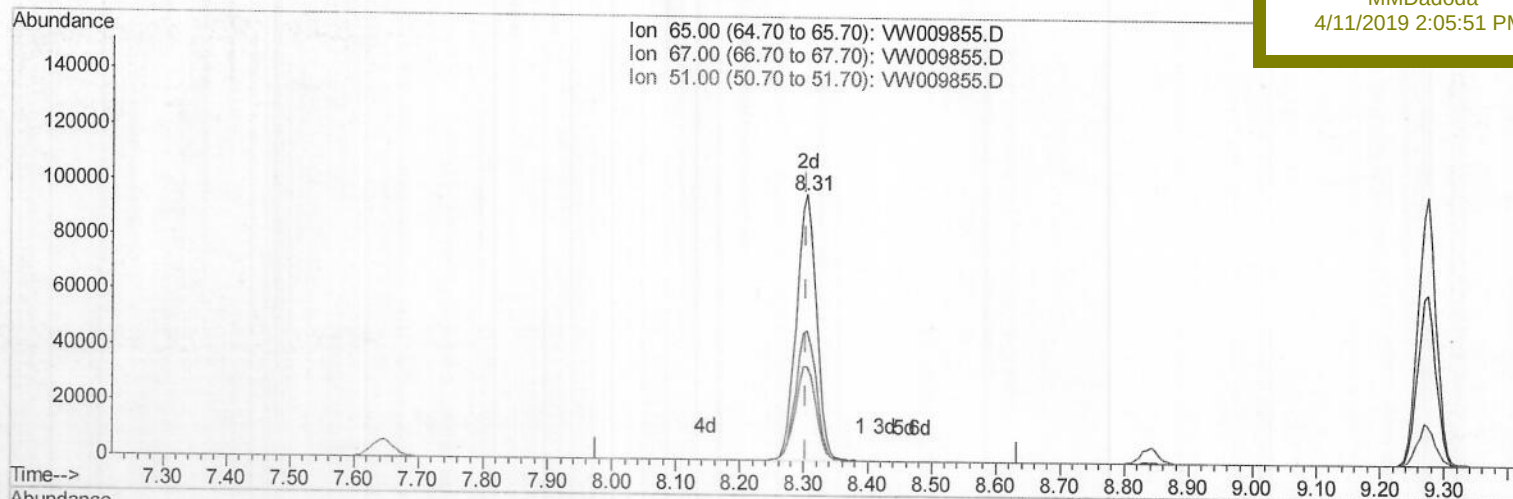
Response via : Initial Calibration

Instrument :

MSVOA_W

Client Sampled :

BF0N6

Manual Integrations
APPROVEDMMDadoda
4/11/2019 2:05:51 PM

(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.000) 29.11ug/L m

response 207823

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	0.05#
51.00	109.90	0.16#
0.00	0.00	0.00

M.D

04/09/19

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040819\
 Data File : VW009855.D
 Acq On : 09 Apr 2019 23:39
 Operator : SY/VA
 Sample : K2327-12
 Misc : 4.81G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 24 05:56:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:42:28 2019
 Response via : Initial Calibration

Instrument :
 MSVOA_W
 Client Sampled :
 BF0N6

Manual Integrations
 APPROVED

MMDadoda
 4/11/2019 2:05:51 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	426214	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	390940	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	140974	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	123824	22.20	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.80%		
7) Chloroethane-d5	2.90	69	116866	22.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.48%		
10) 1,1-Dichloroethene-d2	4.02	63	230032	19.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	76.72%		
20) 2-Butanone-d5	7.08	46	102580	56.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	113.30%		
24) Chloroform-d	7.65	84	326662	28.09	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	112.36%		
26) 1,2-Dichloroethane-d4	8.31	65	207823m	29.11	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	116.44%		
29) Benzene-d6	8.27	84	590775	28.79	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	115.16%		
33) 1,2-Dichloropropane-d6	9.27	67	189379	29.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	119.52%		
37) Toluene-d8	10.32	98	499426	26.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	105.28%		
38) trans-1,3-Dichloropropene-	10.58	79	72654	24.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.12%		
39) 2-Hexanone-d5	10.93	63	63959	53.53	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.06%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	162186	27.52	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	110.08%		
61) 1,2-Dichlorobenzene-d4	13.86	152	148134	29.95	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	119.80%		

Target Compounds

					Ovalue
13) Acetone	4.12	43	40859	21.059 ug/L	100
14) Carbon disulfide	4.38	76	19622	1.115 ug/L #	94
21) 2-Butanone	7.17	43	11076	4.488 ug/L	83
22) cis-1,2-Dichloroethene	7.17	96	27472	4.363 ug/L	96

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

M.D
 04/09/19