

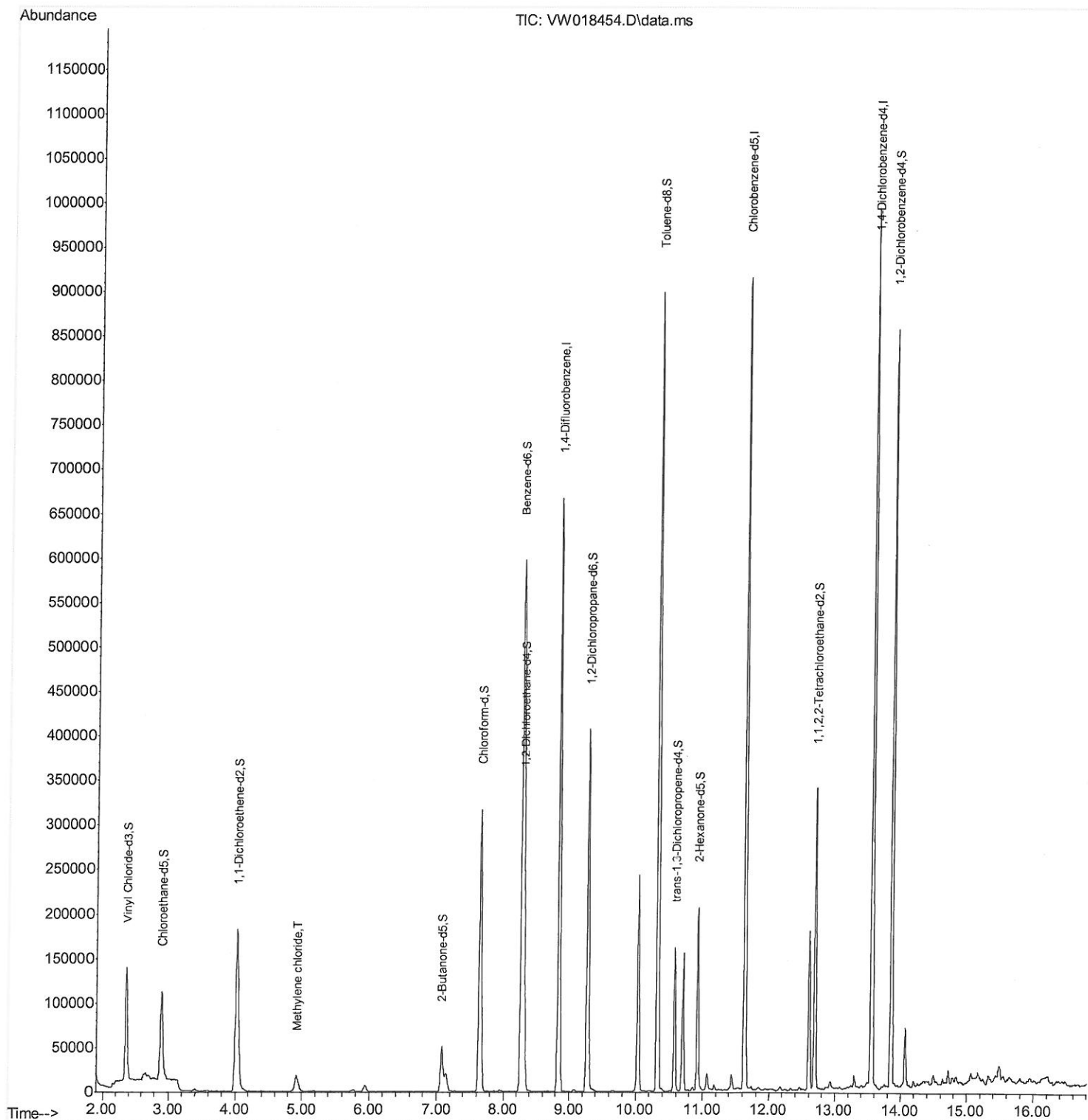
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032521\
Data File : VW018454.D
Acq On : 25 Mar 2021 14:00
Operator : SY/VA
Sample : M1781-13
Misc : 5.01G/10ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleID :
VHBLK01

Manual Integrations
APPROVED

MMDadoda
3/26/2021 6:17:18 PM

Quant Time: Mar 26 01:31:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 26 01:29:58 2021
Response via : Initial Calibration



Quantitation Report (Qedit)

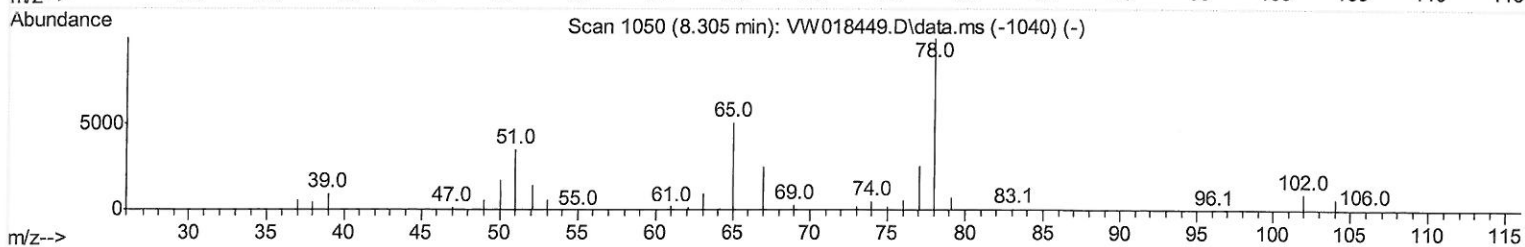
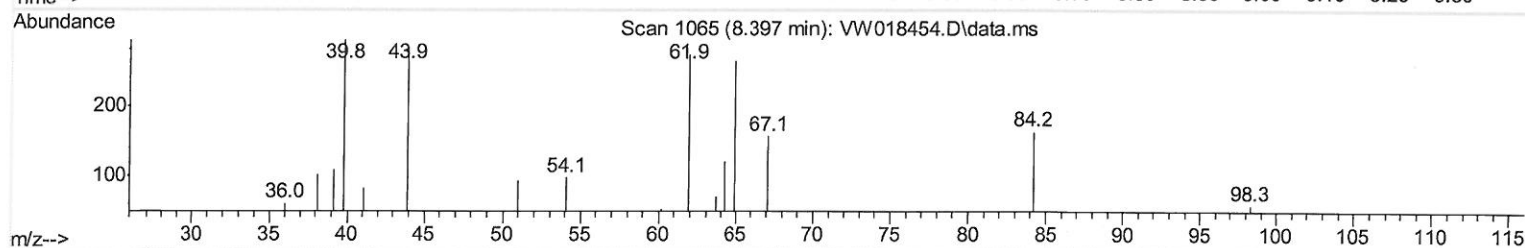
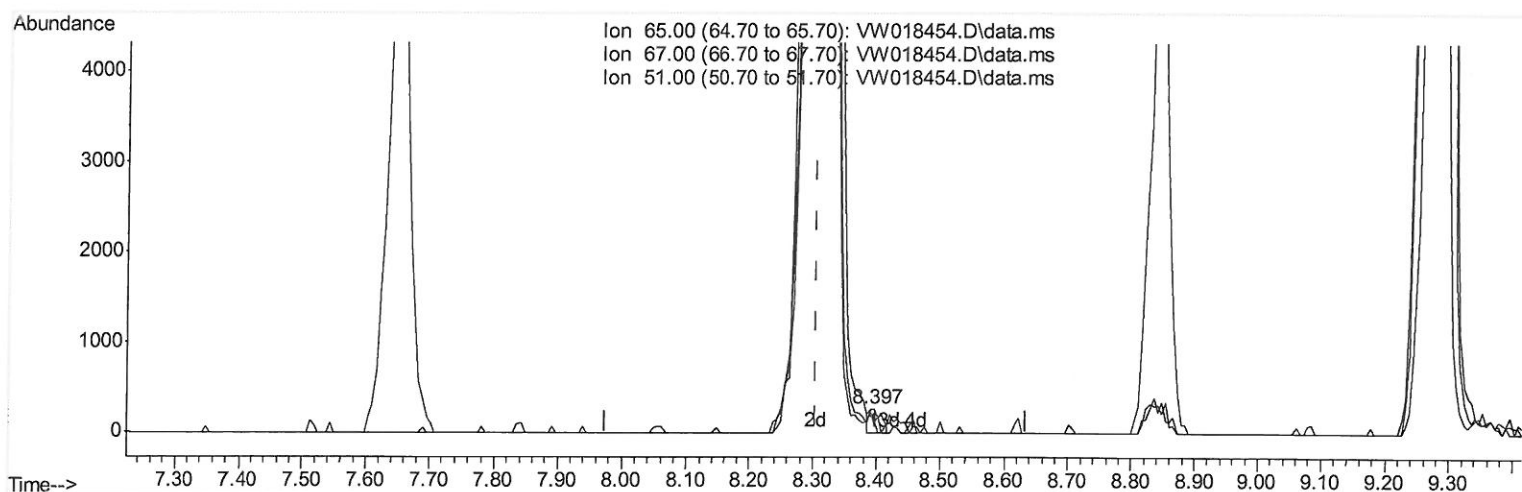
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TIC: VW018454.D\data.ms

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

8.397min (+ 0.091) 0.04 ug/L

response 341

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	40.76
51.00	87.20	69.21
0.00	0.00	0.00

Quantitation Report (Qedit)

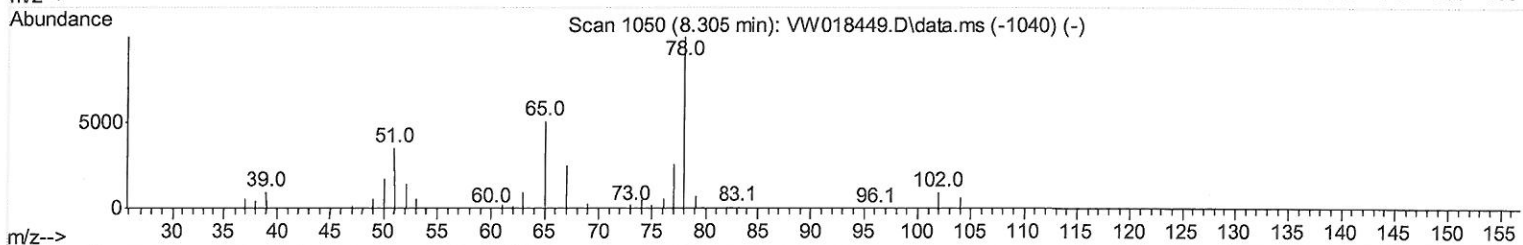
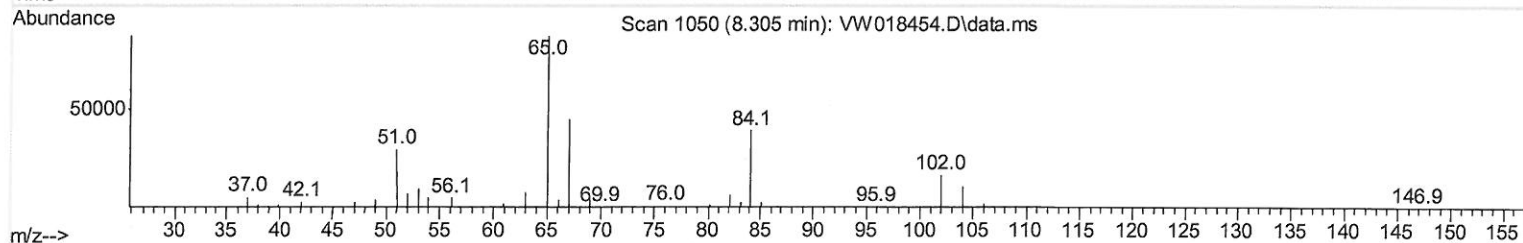
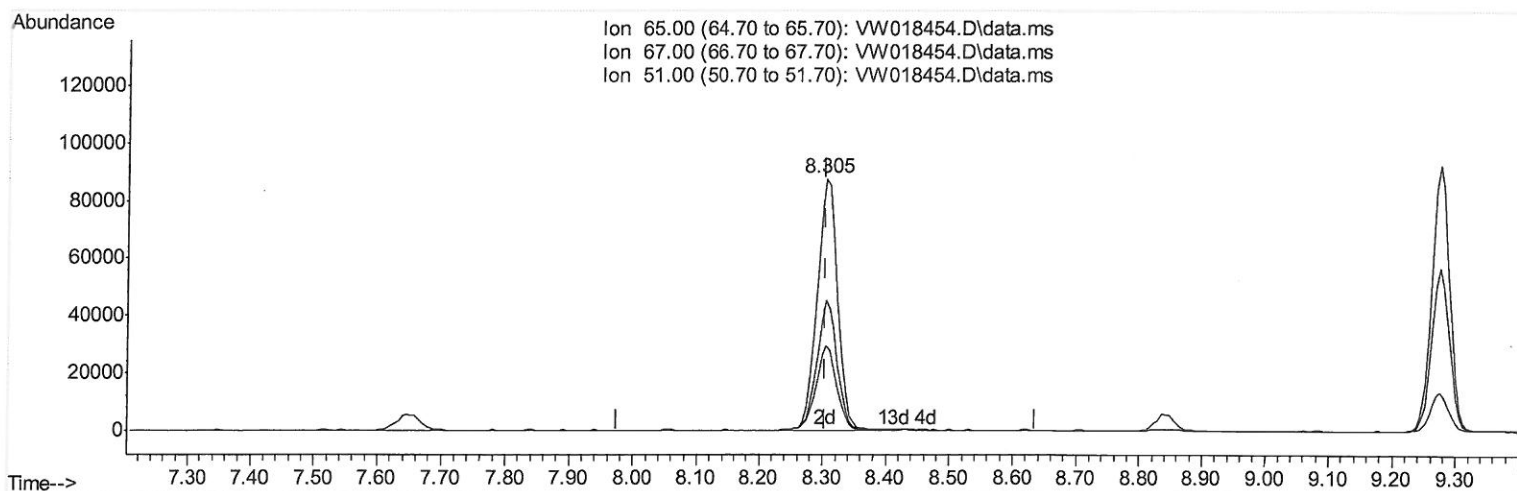
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Manual Integrations
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Response via : Initial Calibration



TIC: VW018454.D\data.ms

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

8.305min (-0.000) 23.67 ug/L m

response 194686

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	49.50	0.07#
51.00	87.20	0.12#
0.00	0.00	0.00

MO
4/5/21

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032521\
 Data File : VW018454.D
 Acq On : 25 Mar 2021 14:00
 Operator : SY/VA
 Sample : M1781-13
 Misc : 5.01G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 6:17:18 PM

Quant Time: Mar 26 01:31:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 26 01:29:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	553101	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	504020	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	241453	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	159619	20.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.96%		
7) Chloroethane-d5	2.891	69	136893	20.32	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	81.28%		
10) 1,1-Dichloroethene-d2	4.025	63	204815	15.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.64%		
20) 2-Butanone-d5	7.080	46	83434	48.69	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	97.38%		
24) Chloroform-d	7.653	84	322649	22.90	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	91.60%		
26) 1,2-Dichloroethane-d4	8.305	65	194686m	23.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.68%		
29) Benzene-d6	8.275	84	625421	23.34	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.36%		
33) 1,2-Dichloropropane-d6	9.274	67	184552	23.88	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.52%		
37) Toluene-d8	10.323	98	597419	23.16	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.64%		
38) trans-1,3-Dichloroprop...	10.579	79	86452	21.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	86.76%		
39) 2-Hexanone-d5	10.927	63	72330	47.82	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.64%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	164587	23.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	95.24%		
61) 1,2-Dichlorobenzene-d4	13.853	152	211710	24.66	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	98.64%		
Target Compounds						
16) Methylene chloride	4.922	84	15188	1.67	ug/L	95

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

MR
 4/5/21