

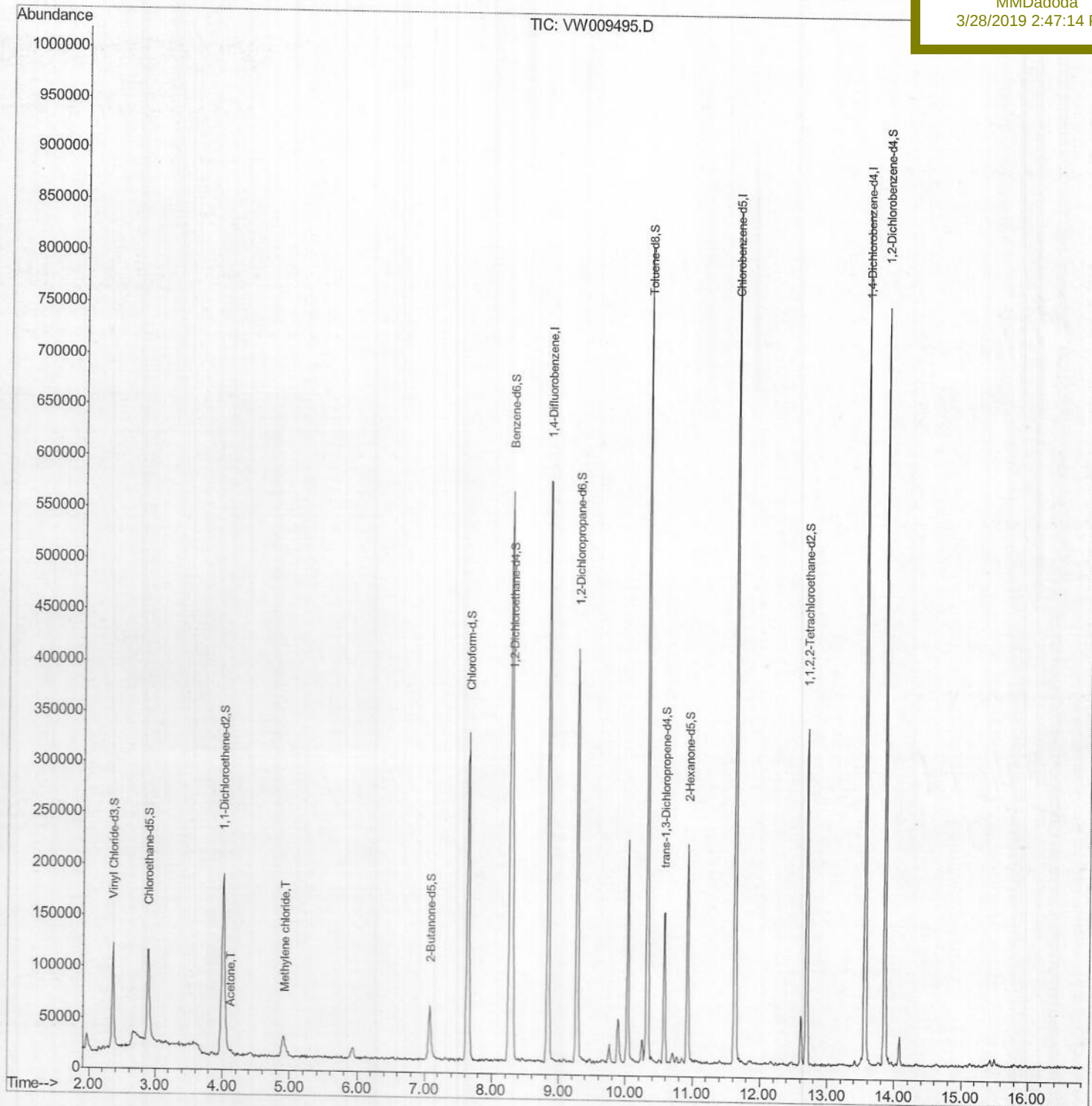
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\
Data File : VW009495.D
Acq On : 27 Mar 2019 11:40
Operator : SY/VA
Sample : K1986-22
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 28 05:30:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 04:55:04 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
VHBLK02

Manual Integrations
APPROVED

MMDadoda
3/28/2019 2:47:14 PM



Quantitation Report (Qedit)

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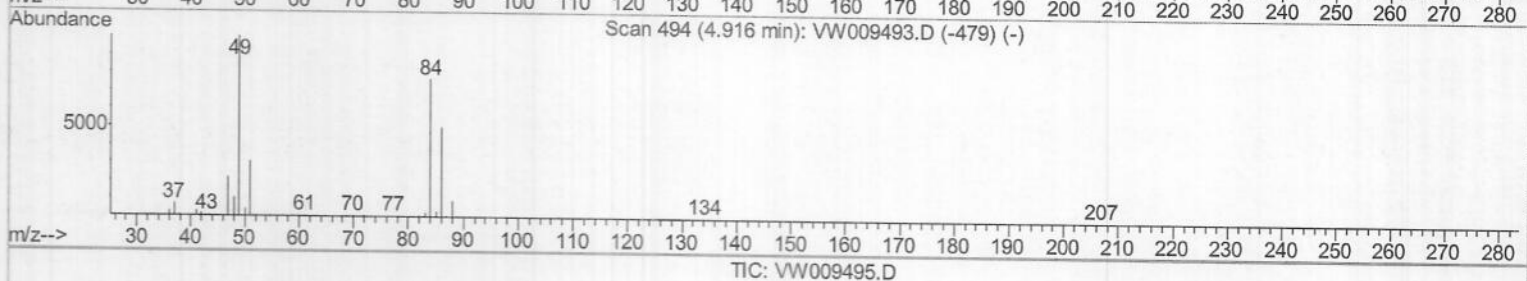
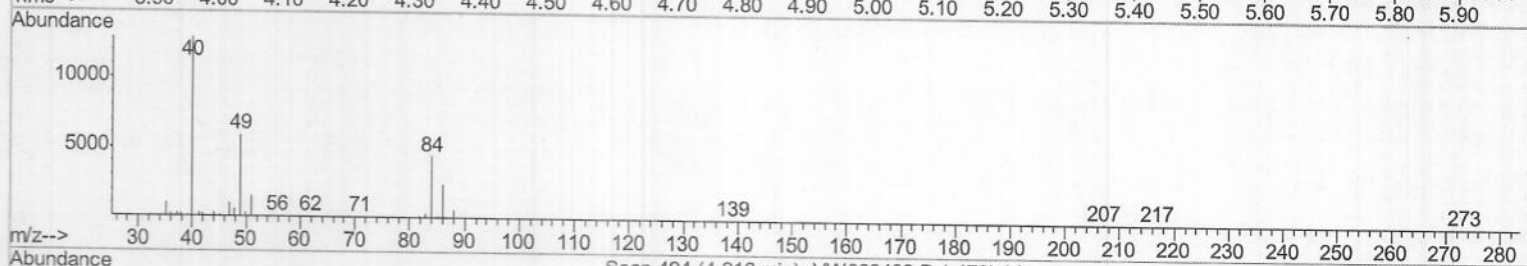
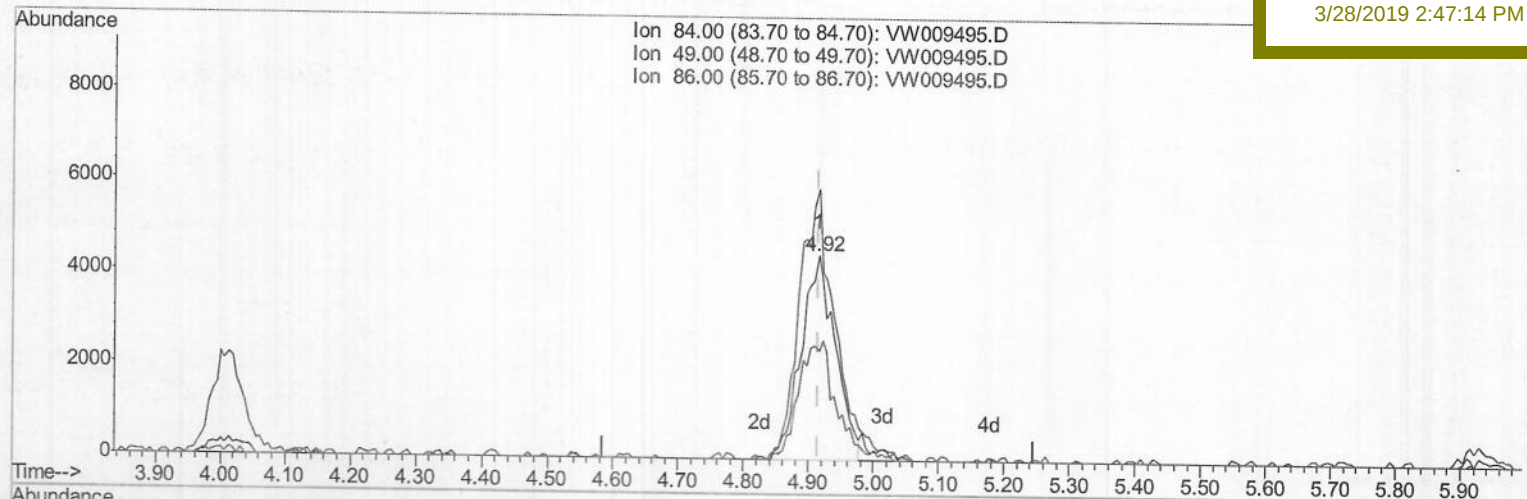
VHBLK02

Manual Integrations

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(16) Methylene chloride (T)

4.915min (-0.000) 2.43ug/L

response 16209

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	132.79
86.00	63.50	54.00
0.00	0.00	0.00

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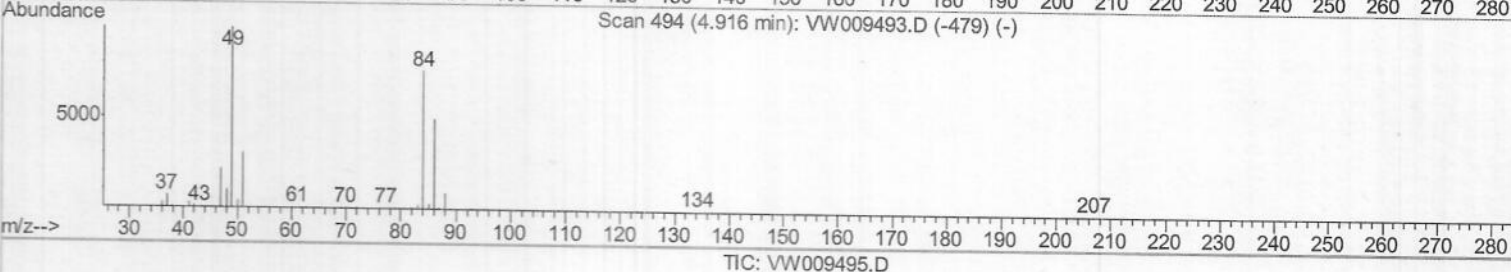
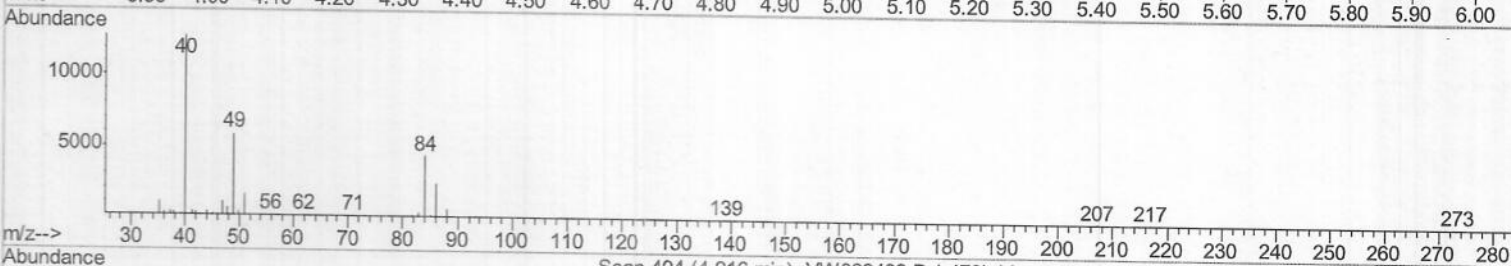
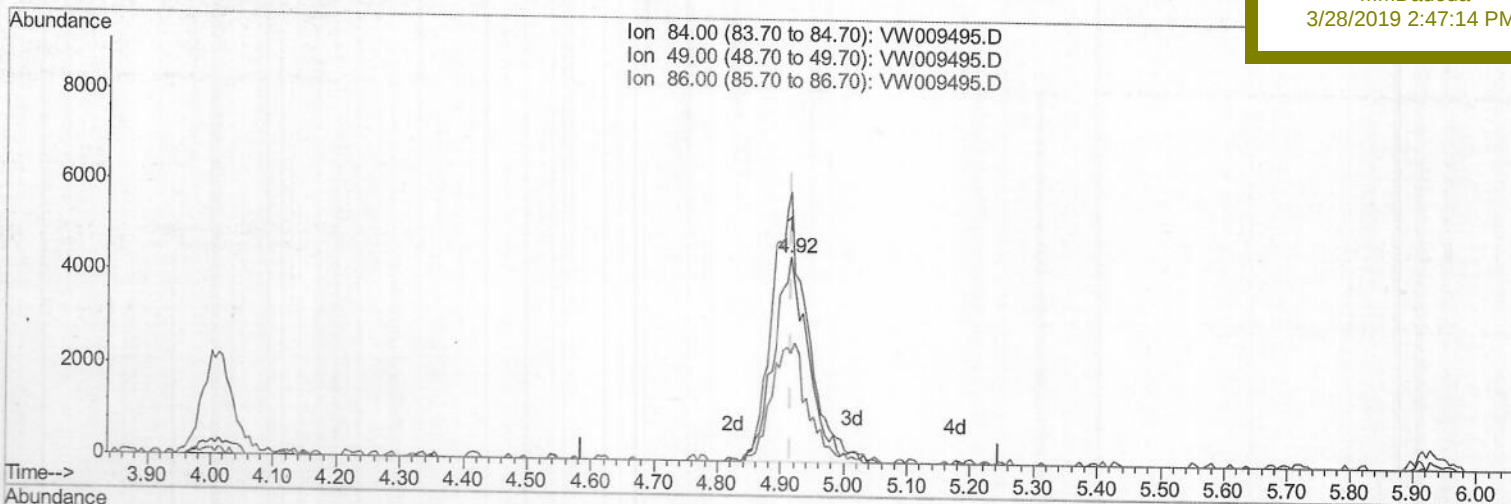
VHBLK02

Manual Integrations

APPROVED

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3/28/2019 2:47:14 PM



(16) Methylene chloride (T)

4.915min (-0.000) 2.56ug/L m

response 17074

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	132.79
86.00	63.50	54.00
0.00	0.00	0.00

SY 03/29/19

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Sample : K1986-22

Misc : 5.00G/10ML/MSVOA W/SOIL

ALS Vial : 1 Sample Multiplier: 1

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Response via : Initial Calibration

Instrument :

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ClientSampled :

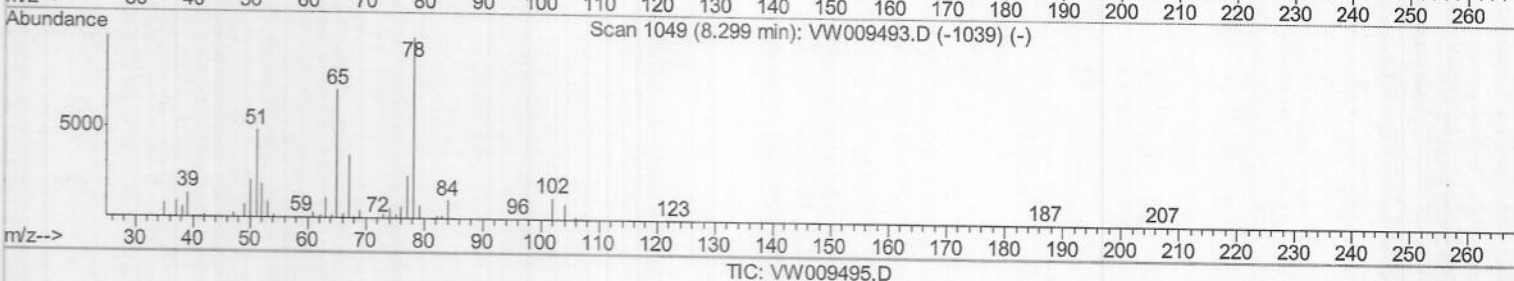
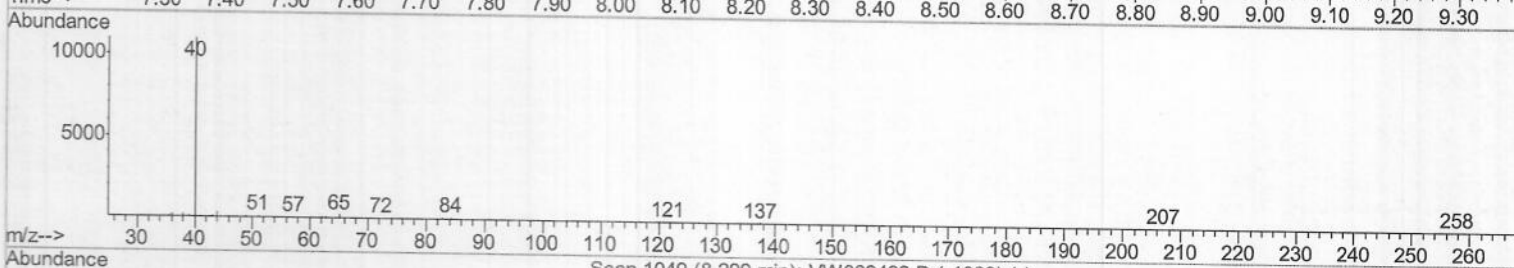
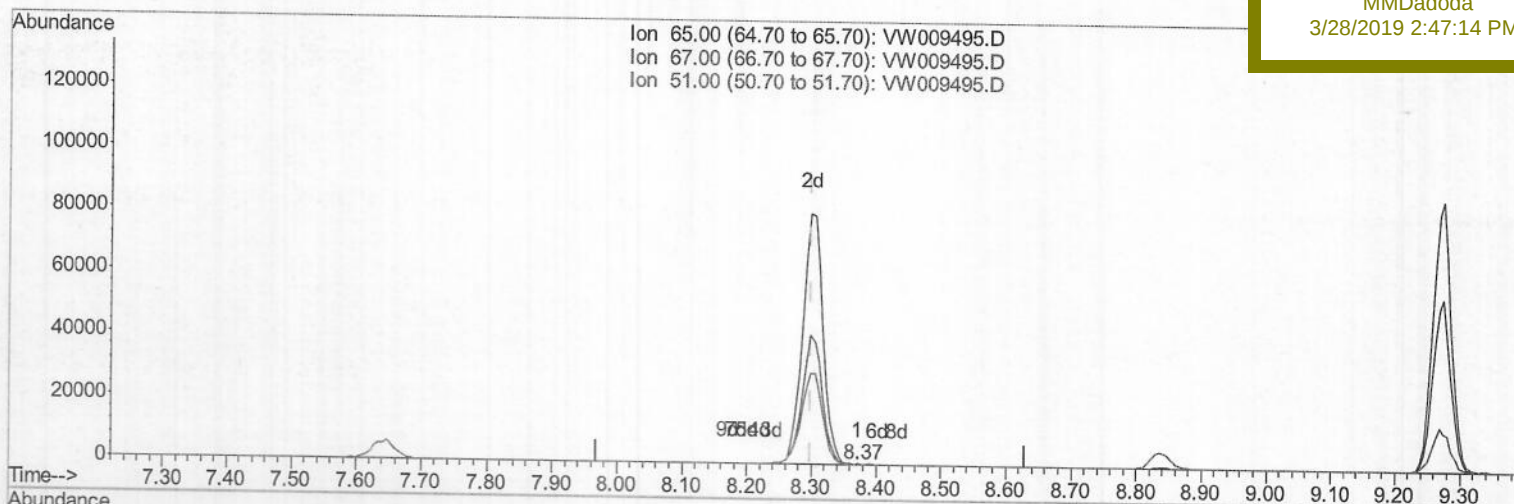
VHBLK02

Manual Integrations

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

8.372min (+0.073) 0.02ug/L

response 187

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	60.96
51.00	97.70	70.59
0.00	0.00	0.00

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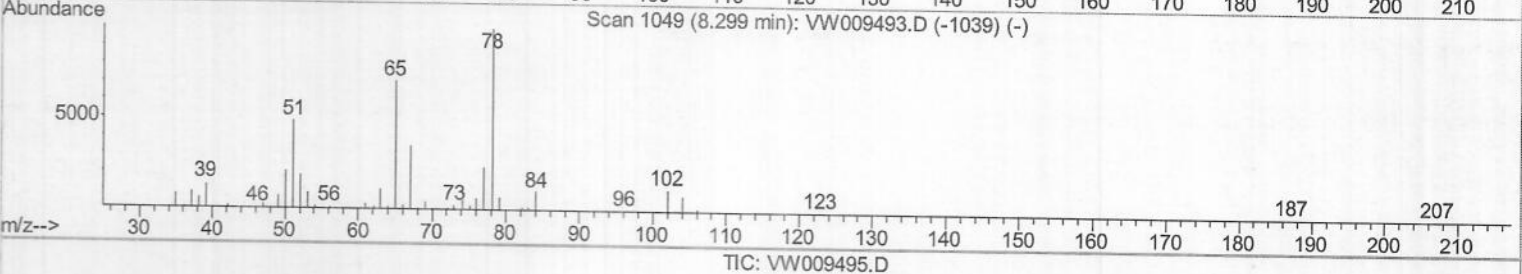
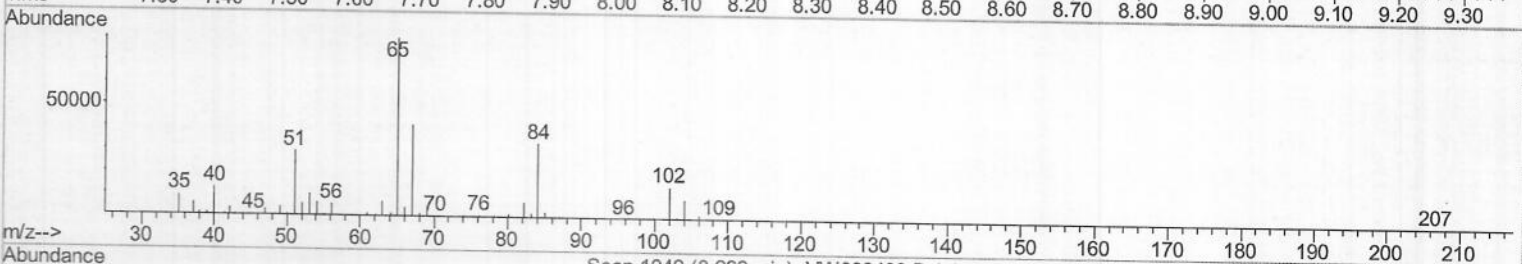
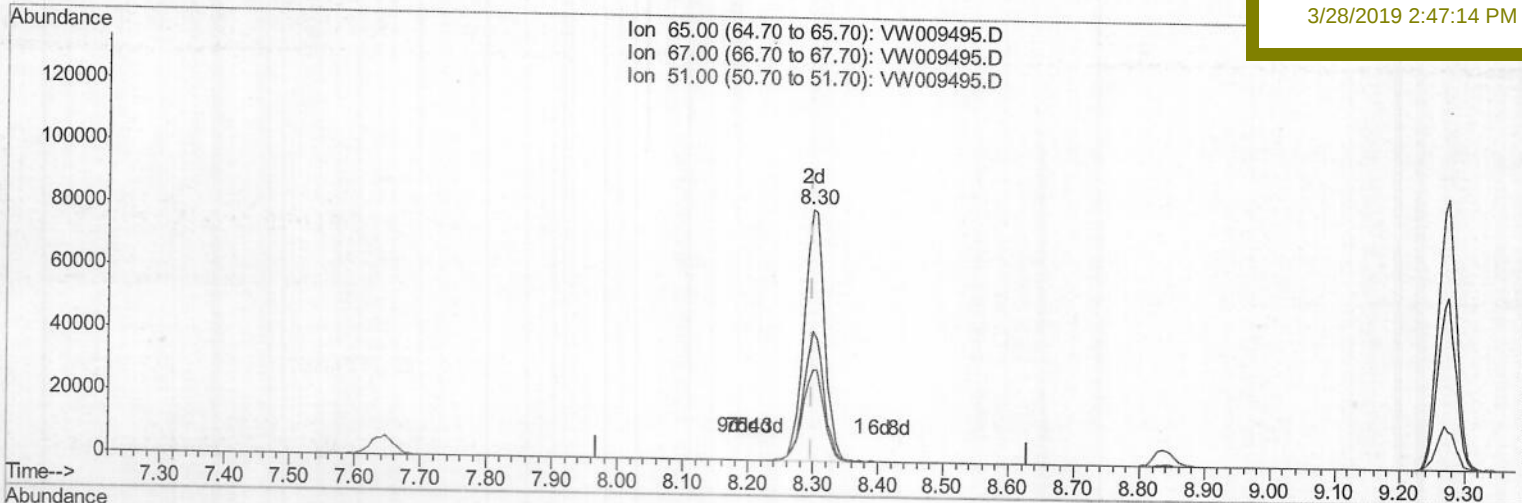
VHBLK02

Manual Integrations

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3/28/2019 2:47:14 PM



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

8.299min (-0.000) 23.13ug/L m

response 173853

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.07#
51.00	97.70	0.08#
0.00	0.00	0.00

51
03/29/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	457192	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	428878	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	197931	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117056	21.43	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.72%		
7) Chloroethane-d5	2.89	69	121742	19.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.16%		
10) 1,1-Dichloroethene-d2	4.01	63	202634	17.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.64%		
20) 2-Butanone-d5	7.07	46	87678	38.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	77.62%		
24) Chloroform-d	7.64	84	291018	23.32	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	93.28%		
26) 1,2-Dichloroethane-d4	8.30	65	173853m	23.13	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.52%		
29) Benzene-d6	8.27	84	540341	22.85	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	91.40%		
33) 1,2-Dichloropropane-d6	9.27	67	168921	23.78	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.12%		
37) Toluene-d8	10.32	98	498339	22.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.16%		
38) trans-1,3-Dichloropropene-	10.58	79	73159	20.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.04%		
39) 2-Hexanone-d5	10.93	63	64054	37.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	74.46%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	146018	20.87	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.48%		
61) 1,2-Dichlorobenzene-d4	13.86	152	183611	24.19	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.76%		

Target Compounds

13) Acetone	4.12	43	4031	2.176	ug/L	58
16) Methylene chloride	4.92	84	17074m	2.561	ug/L	

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