

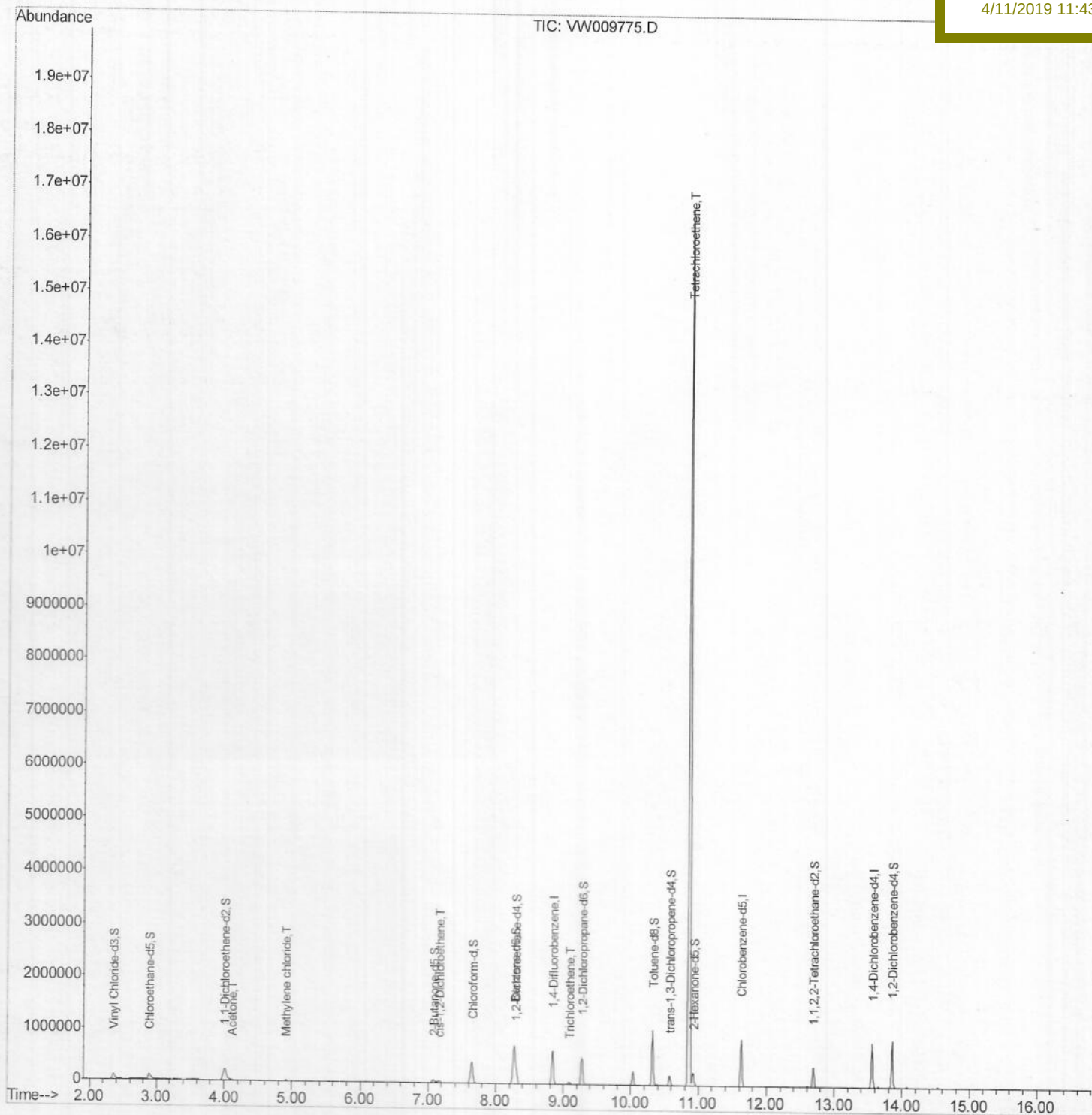
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW040619\
Data File : VW009775.D
Acq On : 06 Apr 2019 16:24
Operator : SY/VA
Sample : K2277-22
Misc : 5.45G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Apr 24 03:48:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis
QLast Update : Sun Apr 07 03:56:20 2019
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampled :
BF2R6

Manual Integrations
APPROVED

MMDadoda
4/11/2019 11:43:07 AM



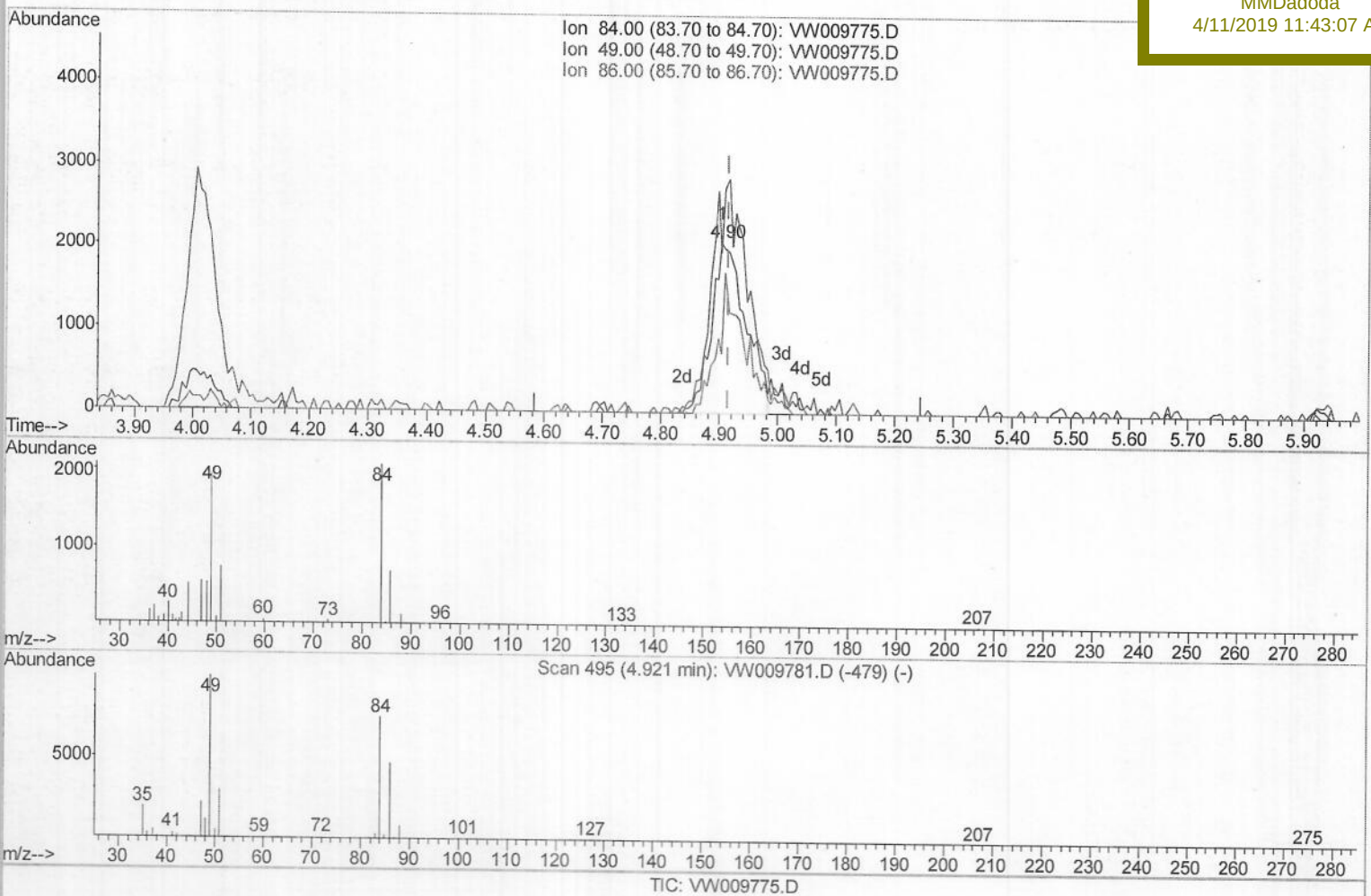
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Quant Time: Apr 07 04:00:58 2019
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(16) Methylene chloride (T)

4.903min (-0.012) 1.00ug/L

response 8429

Ion	Exp%	Act%
84.00	100	100
49.00	140.40	93.80#
86.00	66.30	34.71#
0.00	0.00	0.00

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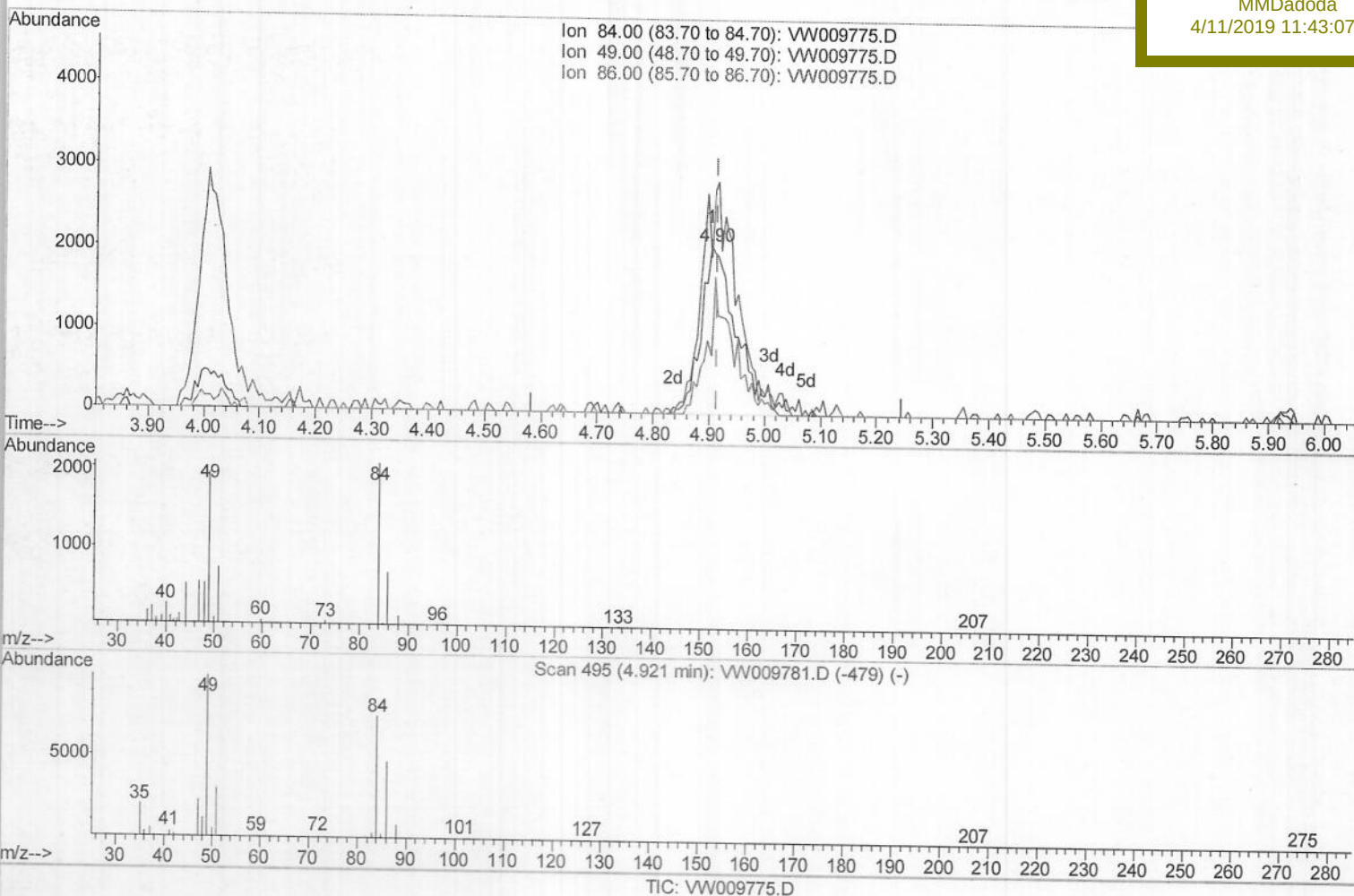
Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampleId :

BF2R6

Manual Integrations
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(16) Methylene chloride (T)

4.903min (-0.012) 1.09ug/L m

response 9205

Ion Exp% Act%

84.00 100 100

49.00 140.40 93.80#

86.00 66.30 34.71#

0.00 0.00 0.00

Quantitation Report (Qedit)

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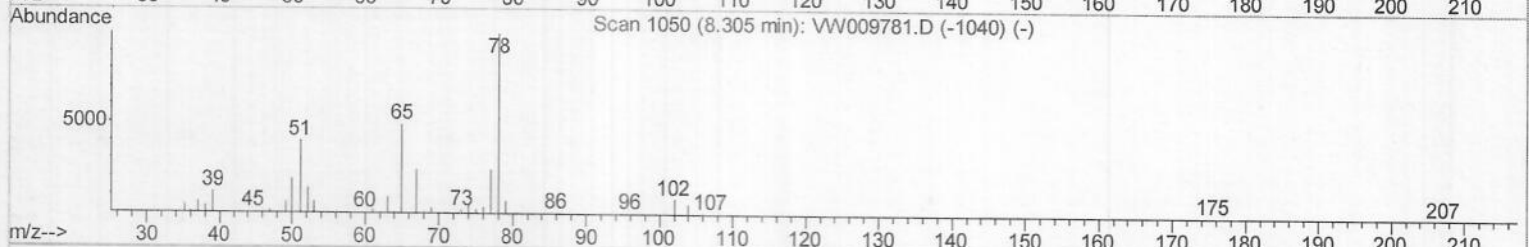
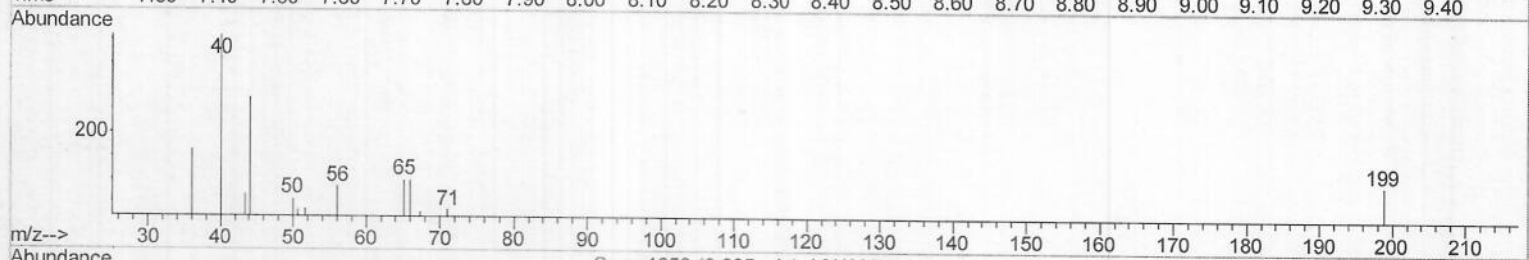
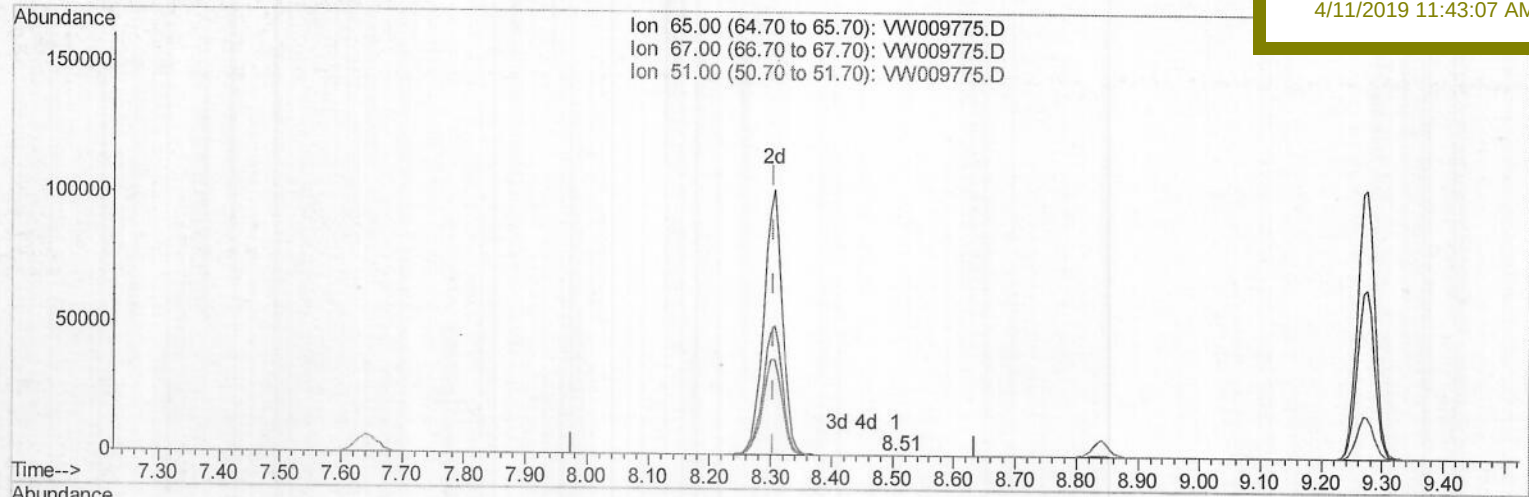
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Manual Integrations

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TIC: VW009775.D

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

8.506min (+0.201) 0.02ug/L

response 128

Ion	Exp%	Act%
65.00	100	100
67.00	50.90	42.19
51.00	109.90	92.19
0.00	0.00	0.00

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Quant Title : VOC Analysis

QLast Update : Sun Apr 07 03:56:20 2019

Response via : Initial Calibration

Instrument :

MSVOA_W

ClientSampled :

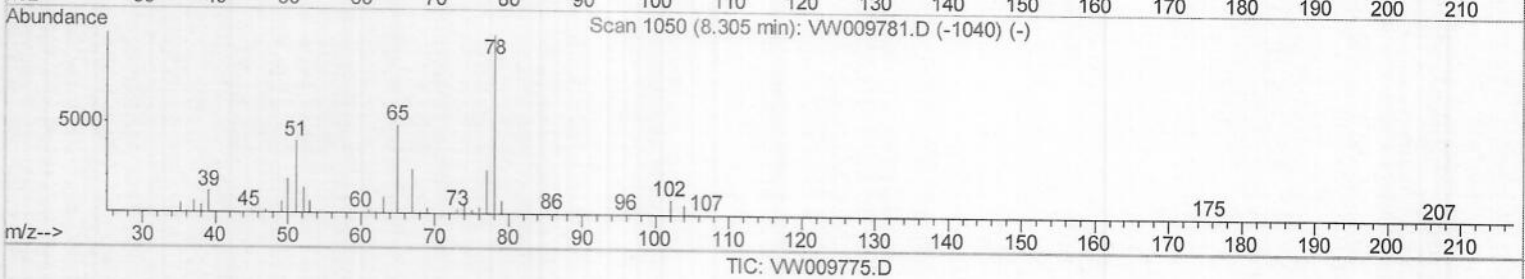
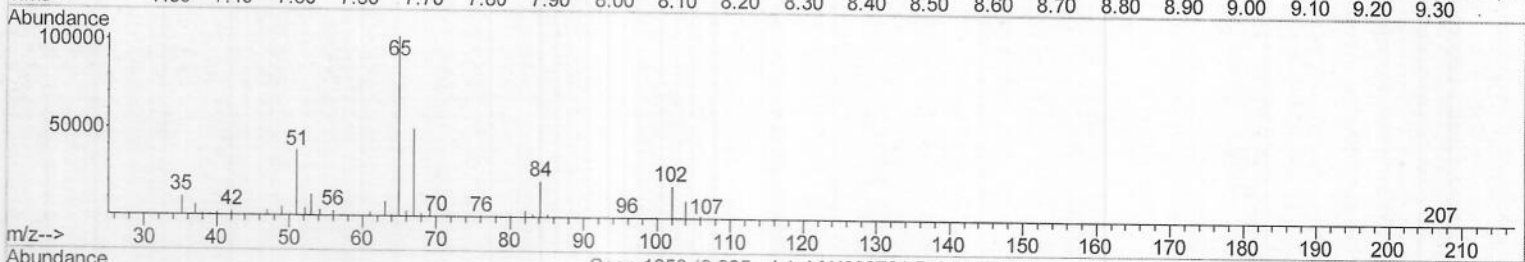
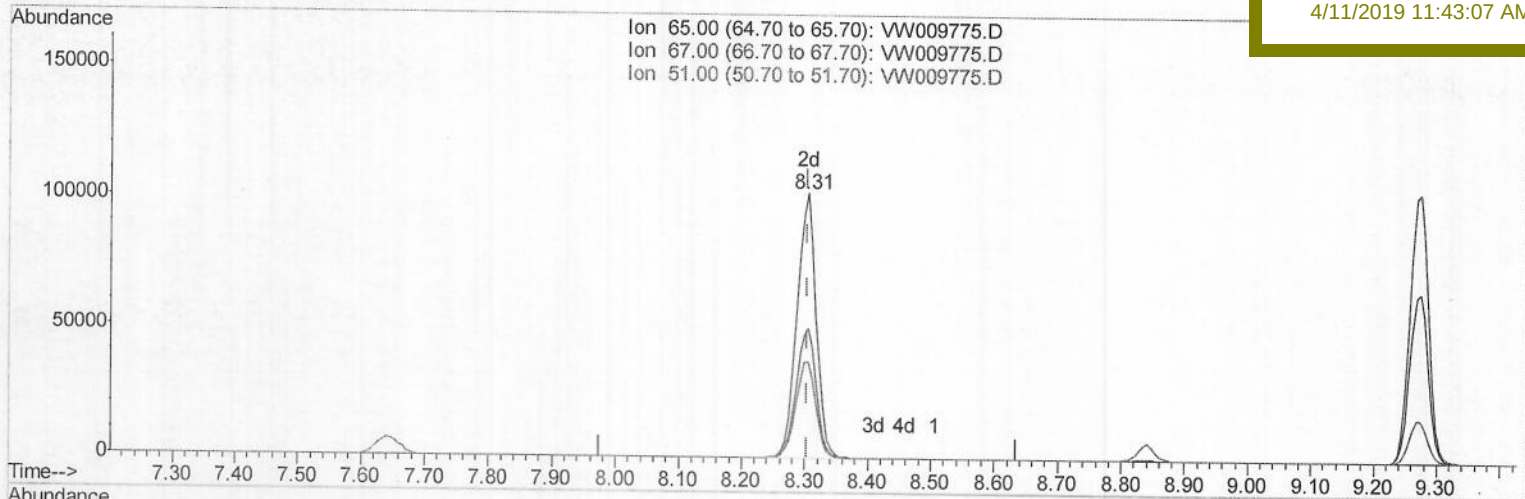
BF2R6

Manual Integrations

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4/11/2019 11:43:07 AM



TIC: VW009775.D

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

8.305min (+0.000) 27.20ug/L m

response 217262

Ion Exp% Act%

65.00 100 100

67.00 50.90 0.02#

51.00 109.90 0.05#

0.00 0.00 0.00

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4/24/19

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	8.84	114	476754	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	453466	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	196909	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	162523	26.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	104.20%		
7) Chloroethane-d5	2.89	69	146017	25.55	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	102.20%		
10) 1,1-Dichloroethene-d2	4.01	63	281694	21.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	84.00%		
20) 2-Butanone-d5	7.07	46	92980	45.90	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.80%		
24) Chloroform-d	7.64	84	359721	27.65	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	110.60%		
26) 1,2-Dichloroethane-d4	8.31	65	217262m	27.20	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	108.80%		
29) Benzene-d6	8.27	84	691145	29.03	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	116.12%		
33) 1,2-Dichloropropane-d6	9.27	67	210596	28.64	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	114.56%		
37) Toluene-d8	10.32	98	636953	28.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	115.76%		
38) trans-1,3-Dichloropropene-	10.58	79	88703	25.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	101.20%		
39) 2-Hexanone-d5	10.93	63	70271	50.71	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.42%		
48) 1,1,2,2-Tetrachloroethane-	12.69	84	161533	23.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.52%		
61) 1,2-Dichlorobenzene-d4	13.85	152	213699	30.93	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	123.72%#		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	9182	4.231	ug/L	83
16) Methylene chloride	4.90	84	9205m	1.095	ug/L	
22) cis-1,2-Dichloroethene	7.16	96	17235	2.447	ug/L	94
35) Trichloroethene	9.09	95	9887	1.385	ug/L	90
47) Tetrachloroethene	10.86	164	3215165	571.744	ug/L	98

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

M.D
 4/24/19