

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032719\
Quantitation Report (QT Reviewed)

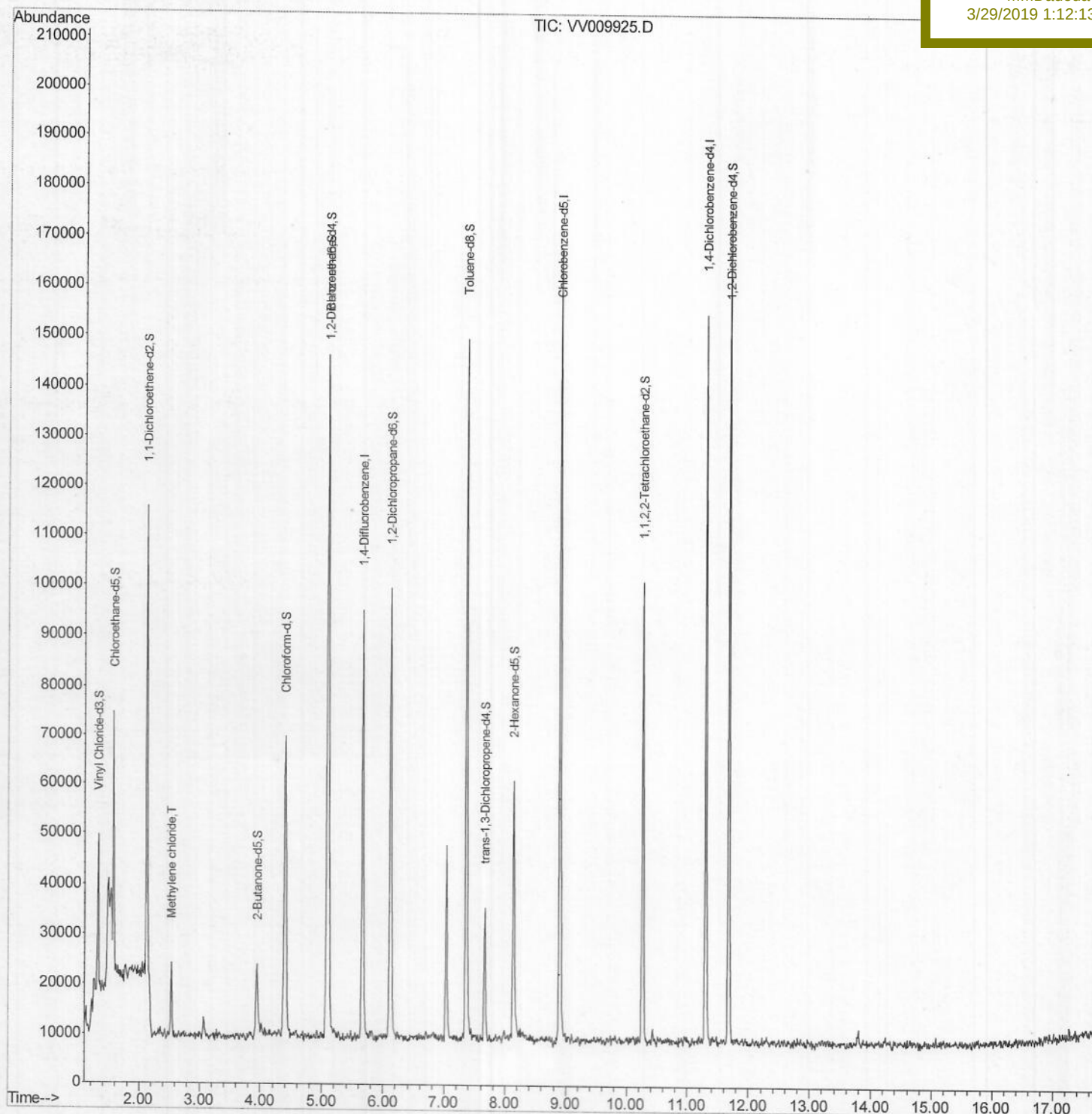
Data File : VV009925.D
Acq On : 27 Mar 2019 13:59
Operator : SY/MD
Sample : K2085-03
Misc : 4.89G/10mL/MSVOA_V/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 28 06:49:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 05:12:38 2019
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BF7X0

Manual Integrations
APPROVED

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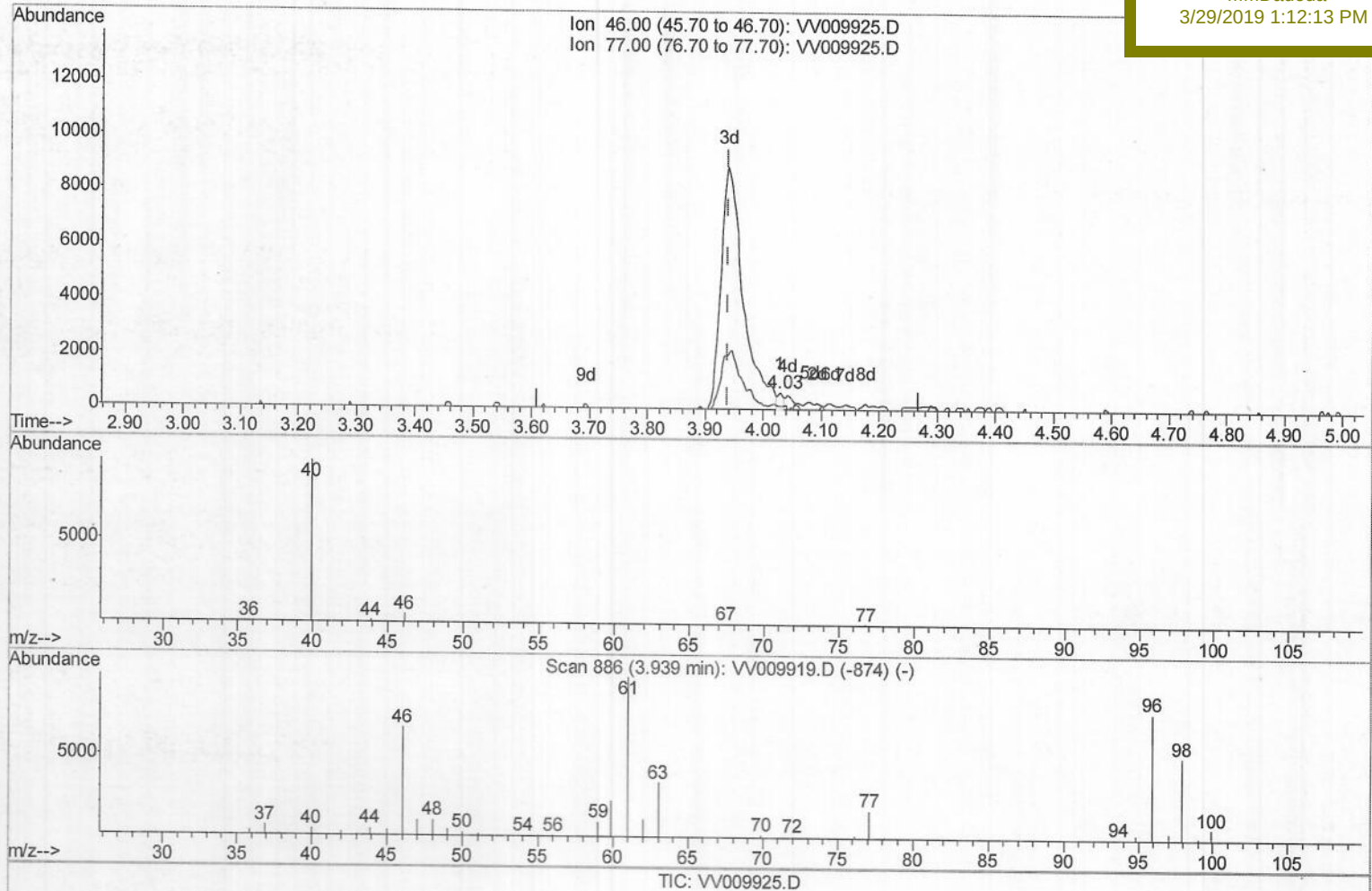
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(20) 2-Butanone-d5 (S)

4.029min (+0.090) 1.54ug/L

response 414

Ion	Exp%	Act%
46.00	100	100
77.00	23.10	19.08
0.00	0.00	0.00
0.00	0.00	0.00

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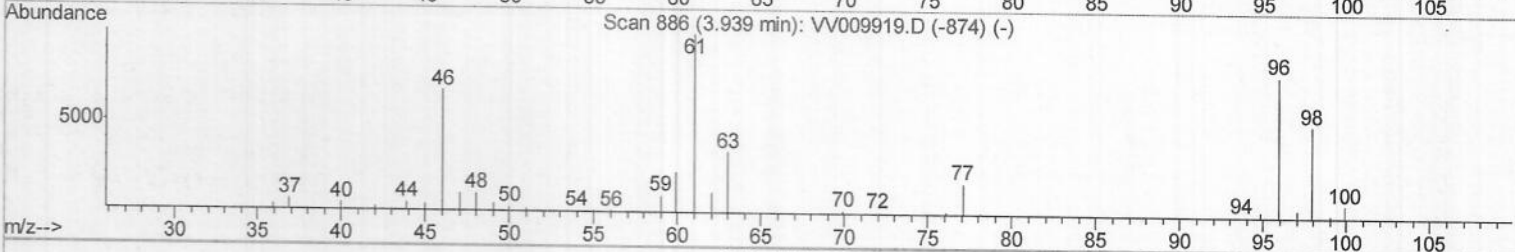
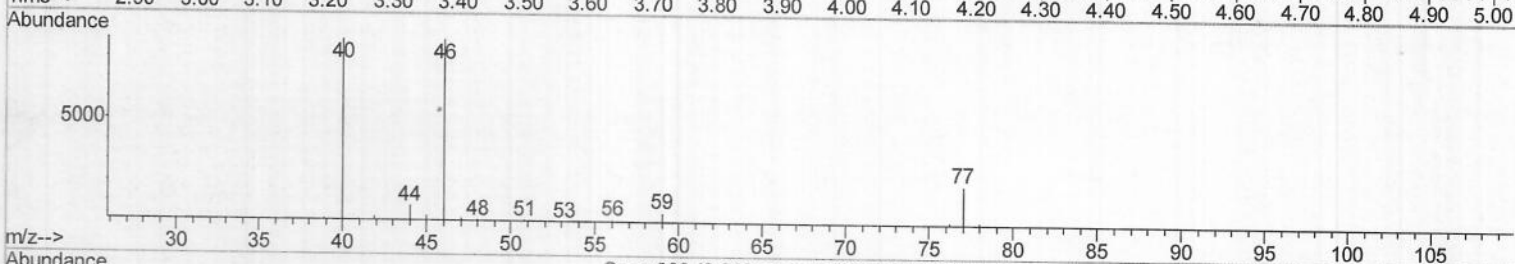
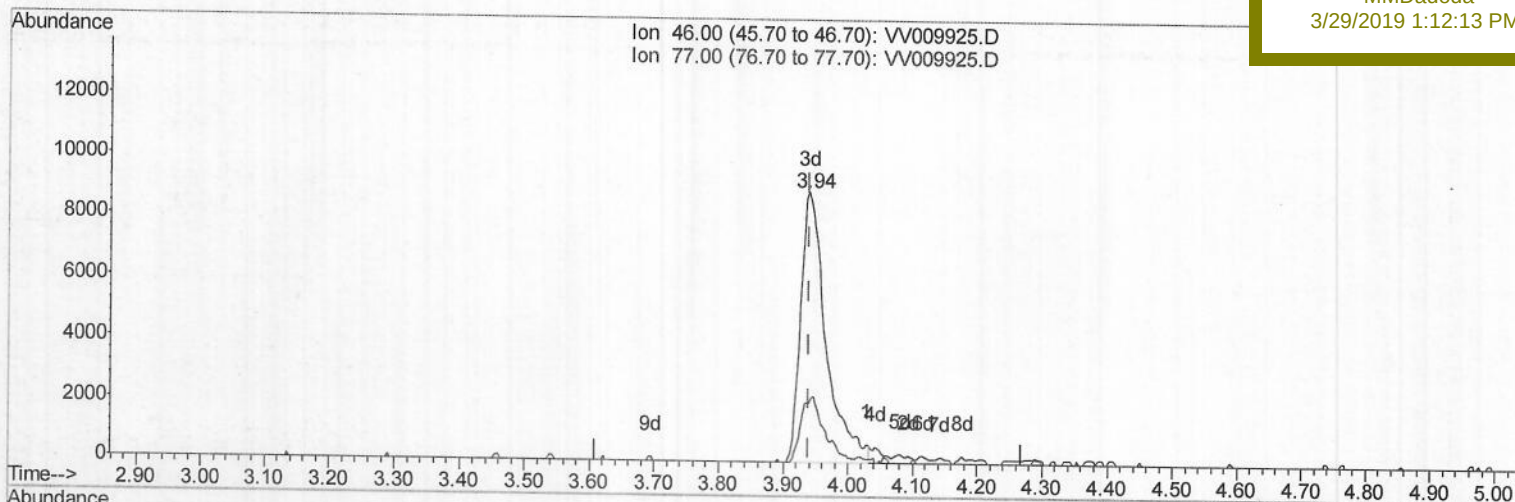
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TIC: VV009925.D

(20) 2-Butanone-d5 (S)

3.939min (-0.000) 90.76ug/L m

response 24442

Ion Exp% Act%

46.00 100 100

77.00 23.10 0.32#

0.00 0.00 0.00

0.00 0.00 0.00

MD
4/5/19

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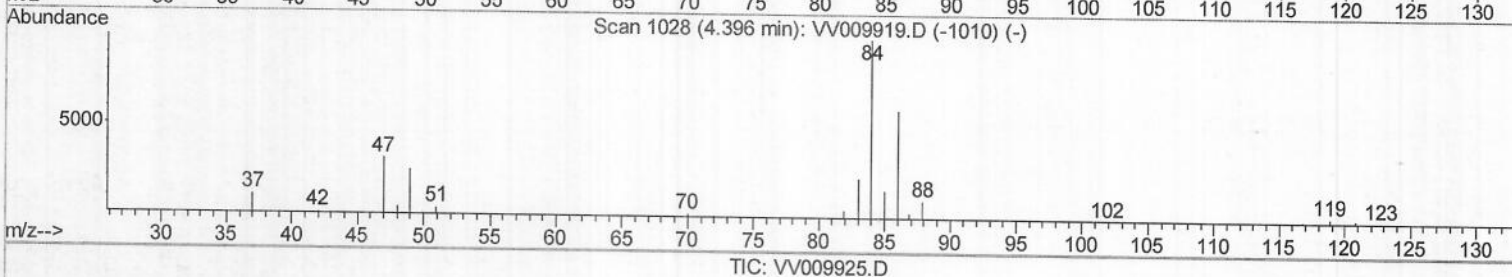
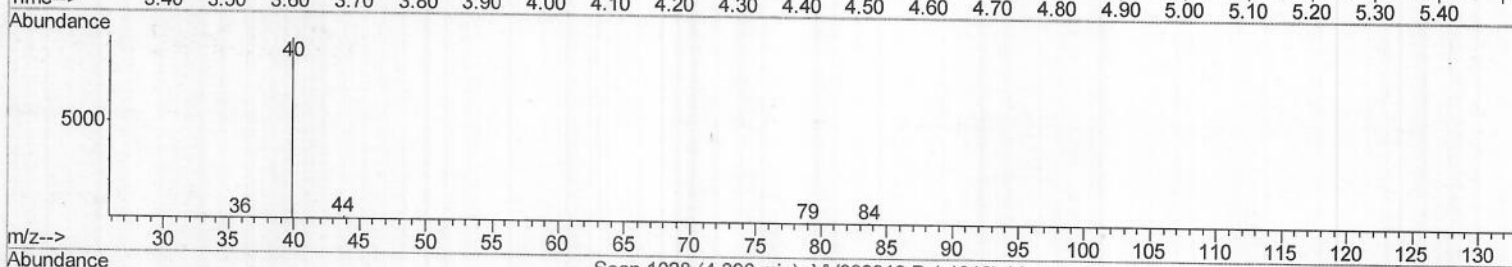
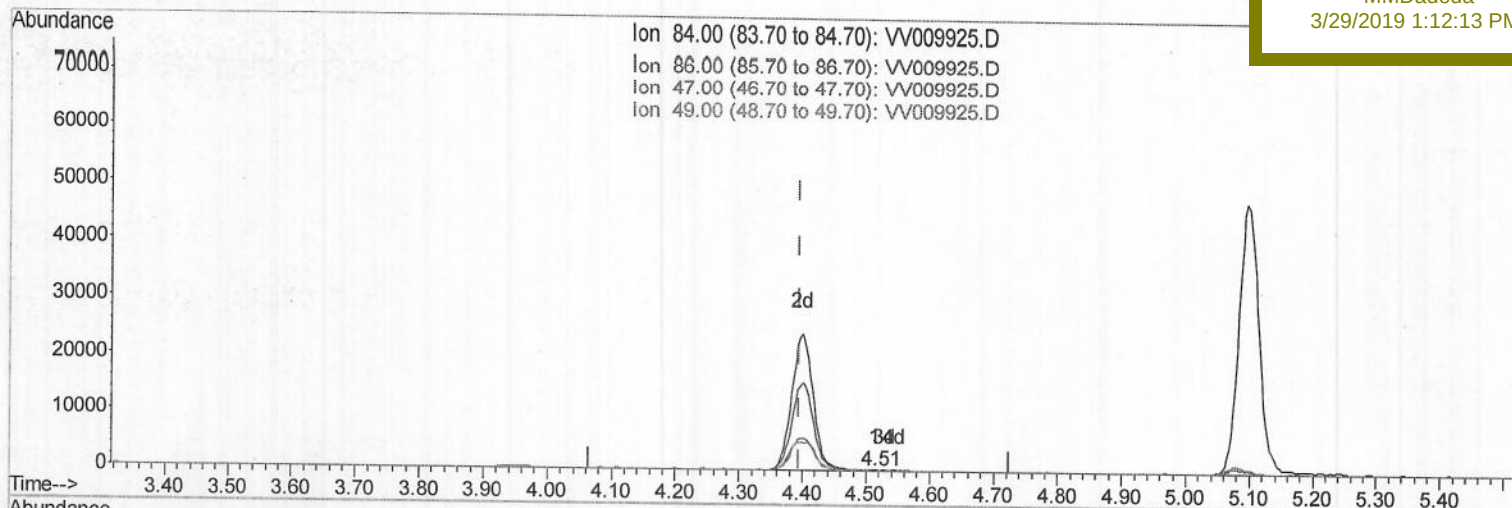
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Manual Integrations

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(24) Chloroform-d (S)

4.515min (+0.119) 0.09ug/L

response 155

Ion	Exp%	Act%
84.00	100	100
86.00	61.50	49.68
47.00	49.10	46.45
49.00	31.70	29.68

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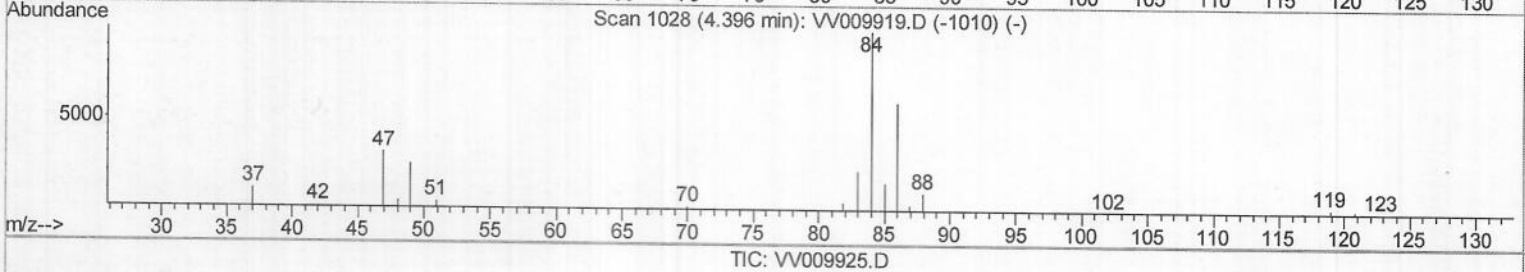
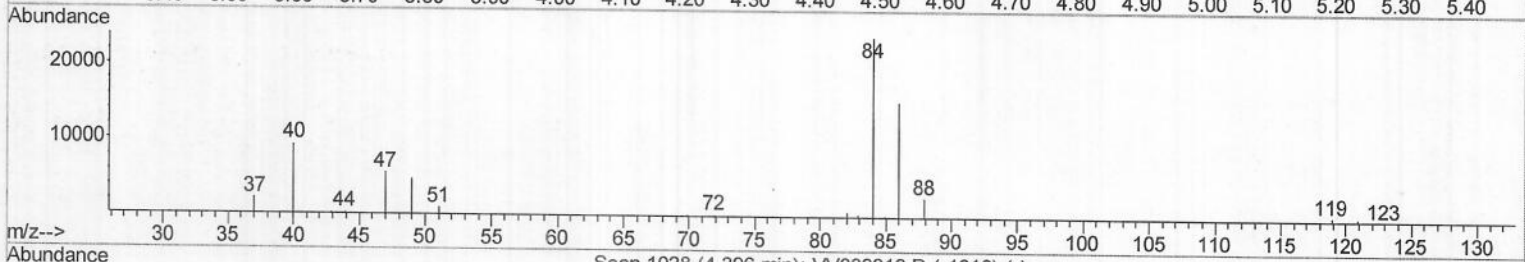
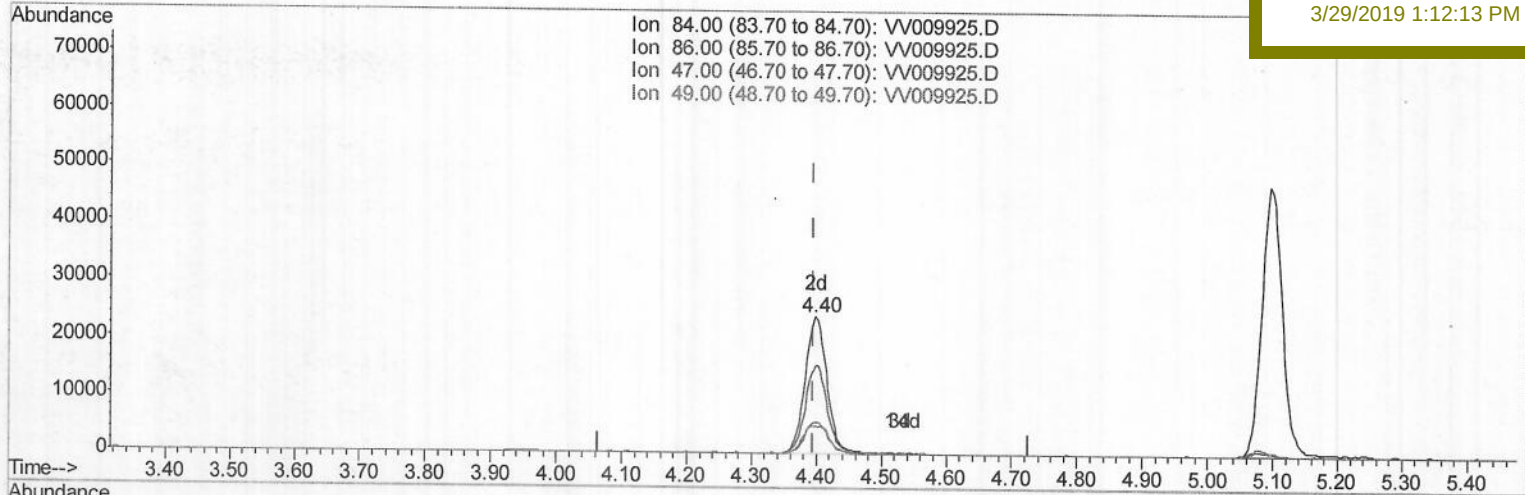
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(24) Chloroform-d (S)

4.399min (+0.003) 30.79ug/L m

response 55864

Ion	Exp%	Act%
84.00	100	100
86.00	61.50	0.14#
47.00	49.10	0.13#
49.00	31.70	0.08#

m.d
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	71213	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	83134	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34947	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18593	12.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.48%
7) Chloroethane-d5	1.57	69	31276	20.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.16%
10) 1,1-Dichloroethene-d2	2.13	63	46529	11.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.08%
20) 2-Butanone-d5	3.94	46	24442m	90.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	181.52%#
24) Chloroform-d	4.40	84	55864m	30.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	123.16%
26) 1,2-Dichloroethane-d4	5.08	65	43560	39.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	159.56%#
29) Benzene-d6	5.10	84	103012	23.59	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.36%
33) 1,2-Dichloropropane-d6	6.12	67	37148	29.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.32%
37) Toluene-d8	7.36	98	87119	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.32%
38) trans-1,3-Dichloropropene-	7.66	79	12141	23.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.96%
39) 2-Hexanone-d5	8.14	63	15621	65.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.04%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	39482	31.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	124.88%#
61) 1,2-Dichlorobenzene-d4	11.67	152	37657	28.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.20%

Target Compounds					Qvalue
16) Methylene chloride	2.54	84	5441	4.640 ug/L	91

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

m.p
4/5/19