

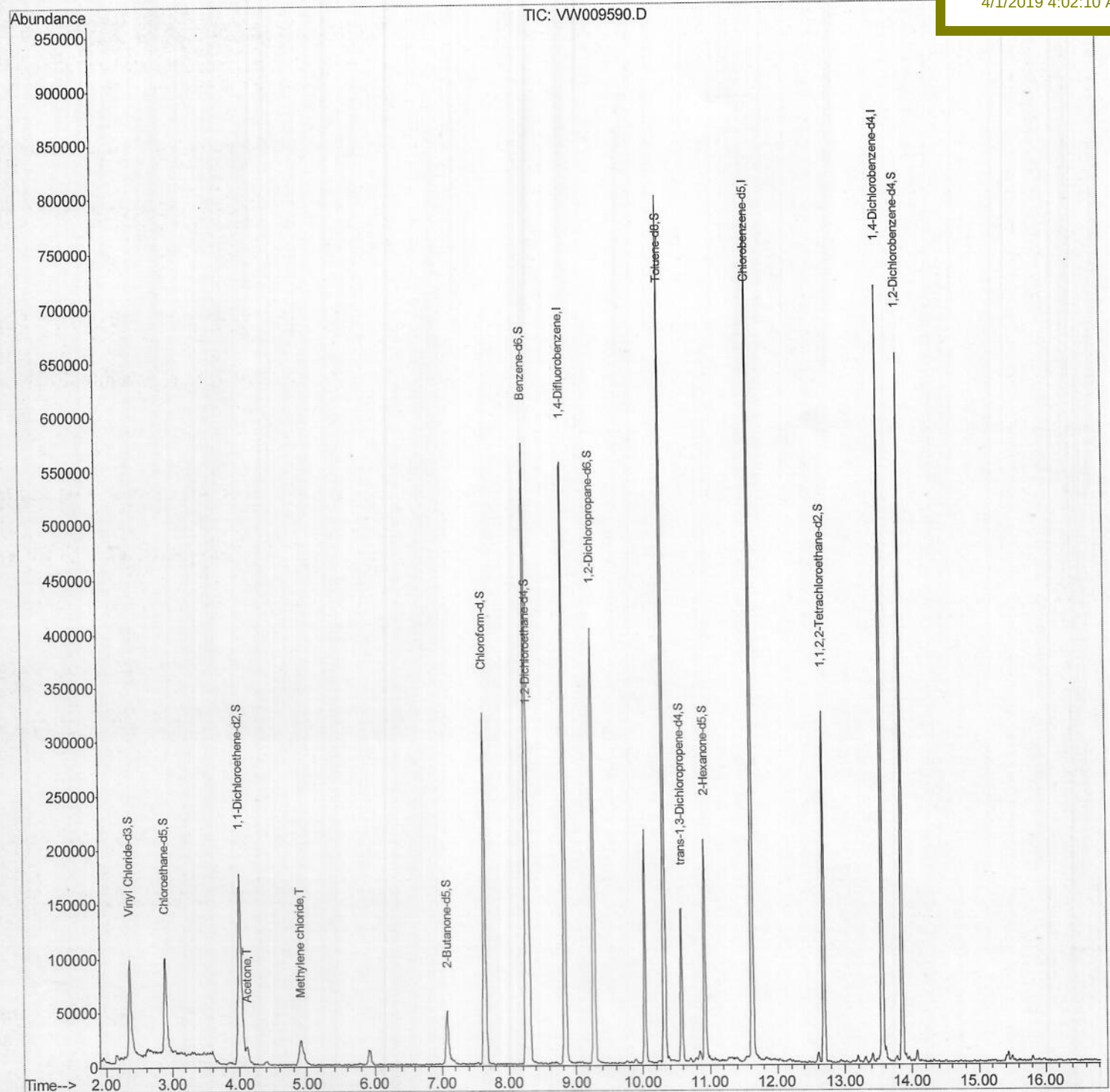
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW033019\
Data File : VW009590.D
Acq On : 30 Mar 2019 15:10
Operator : SY/VA
Sample : K2084-21
Misc : 4.56G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
Client Sampled :
BF7W3

Manual Integrations
APPROVED

MMDadoda
4/1/2019 4:02:10 AM

Quant Time: Apr 12 03:22:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration



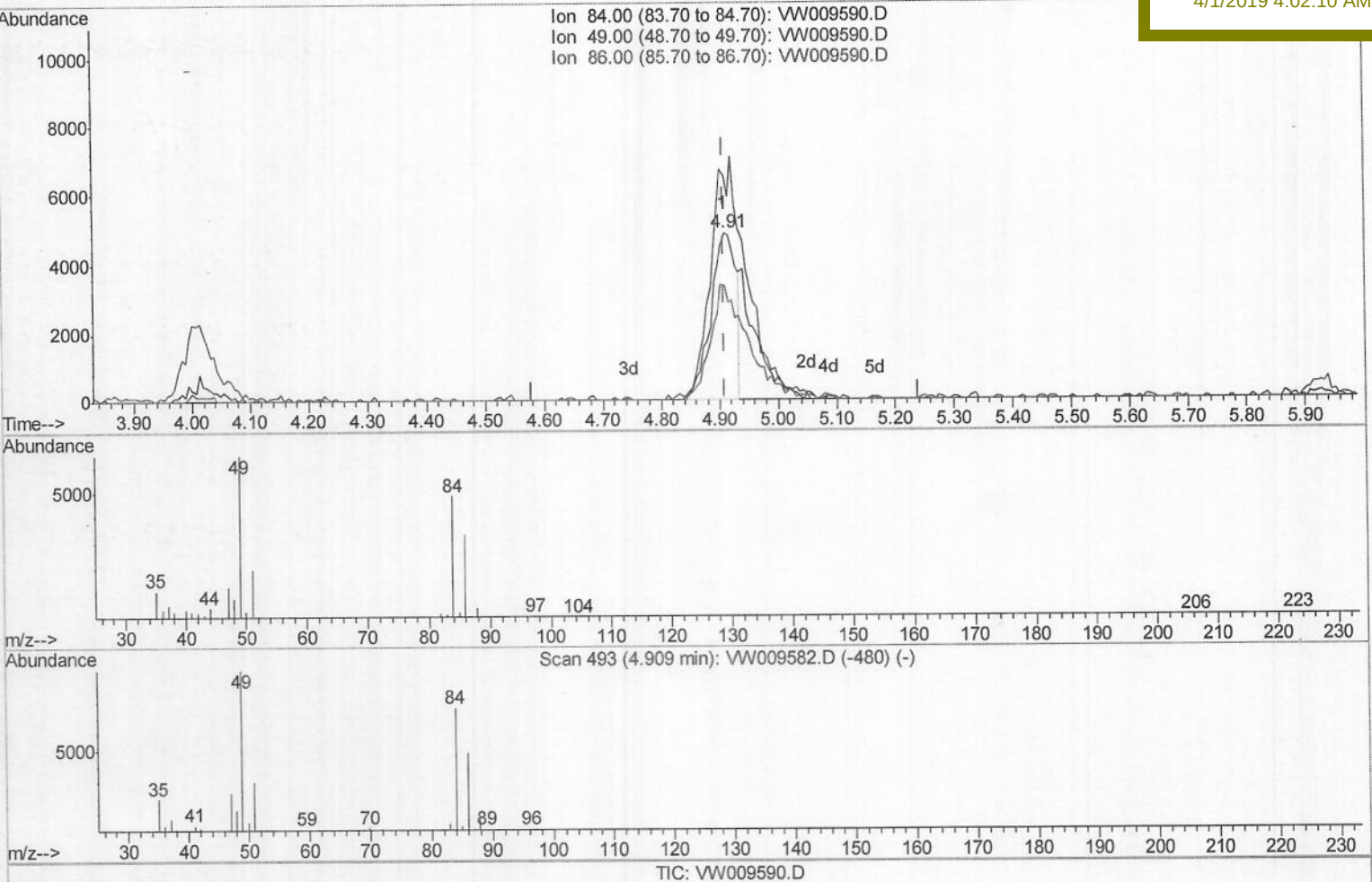
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(16) Methylene chloride (T)

4.909min (0.000) 2.35ug/L

response 14916

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	134.15
86.00	63.50	68.58
0.00	0.00	0.00

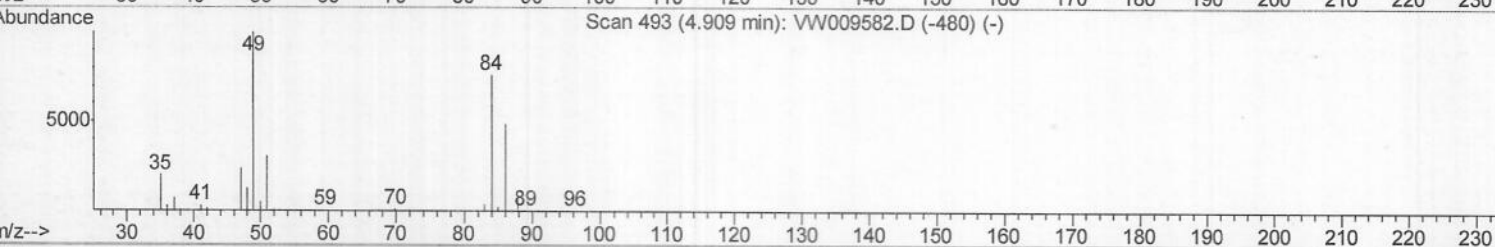
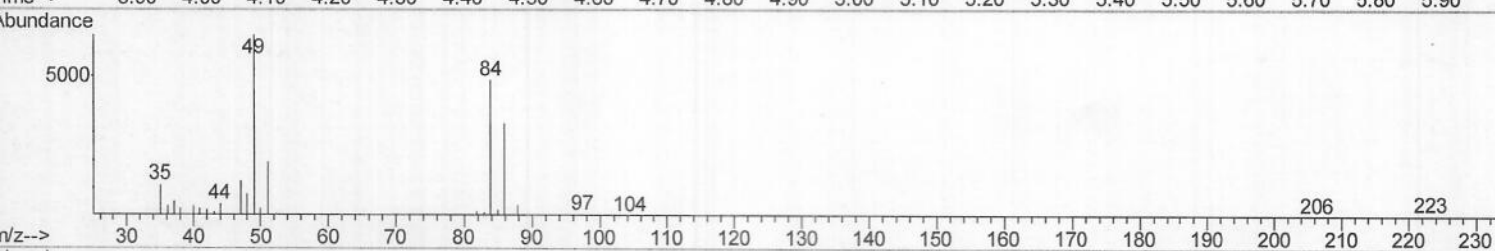
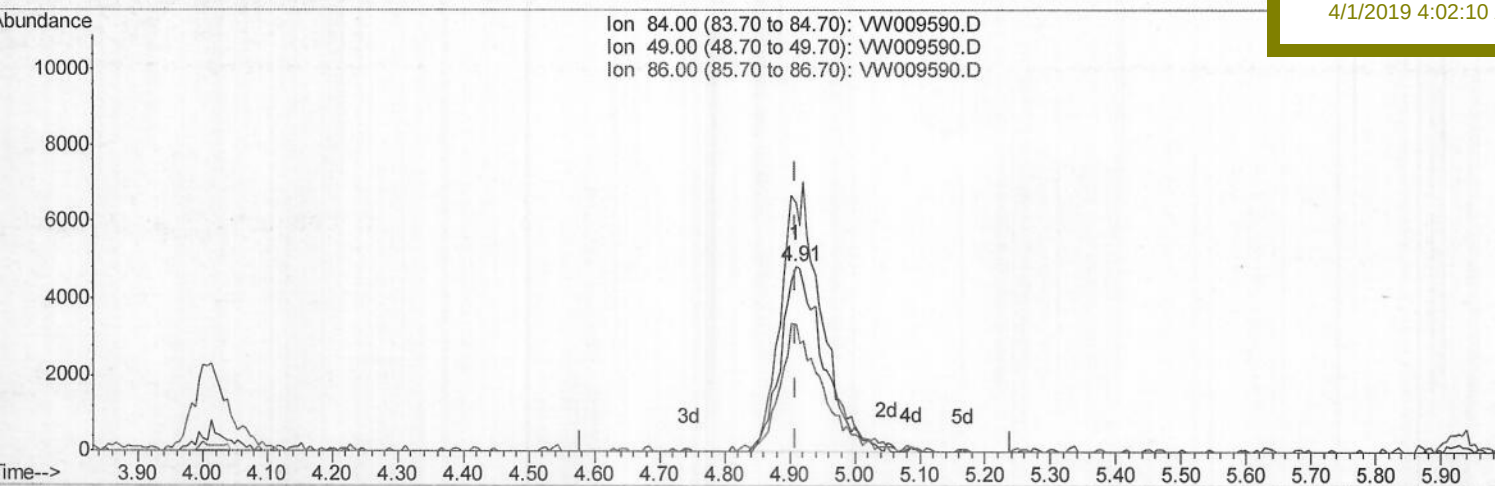
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(16) Methylene chloride (T)

4.909min (0.000) 3.53ug/L m

response 22445

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	134.15
86.00	63.50	68.58
0.00	0.00	0.00

M.D
4/11/19

Quantitation Report (Qedit)

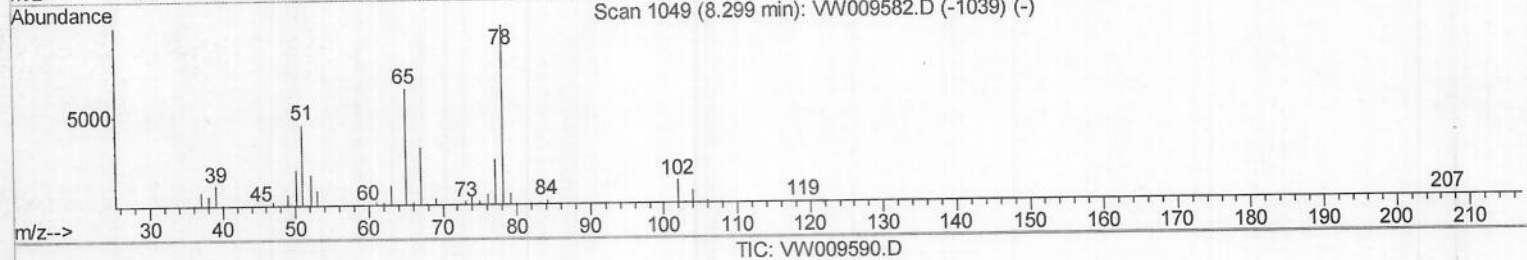
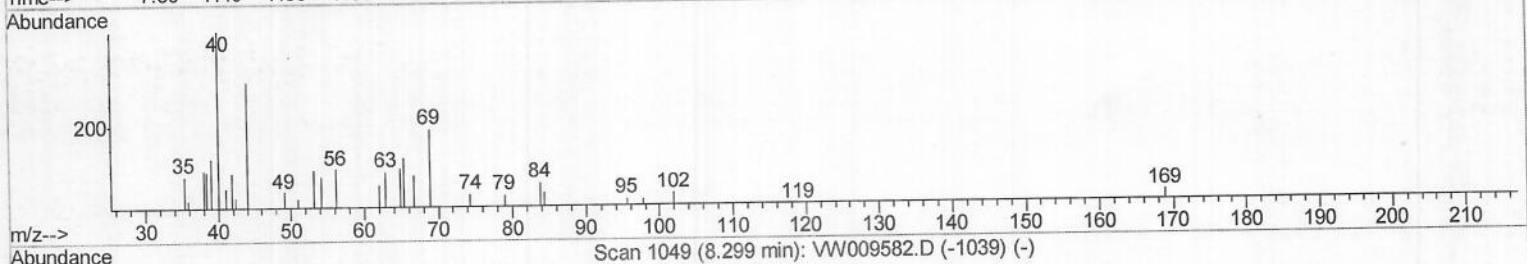
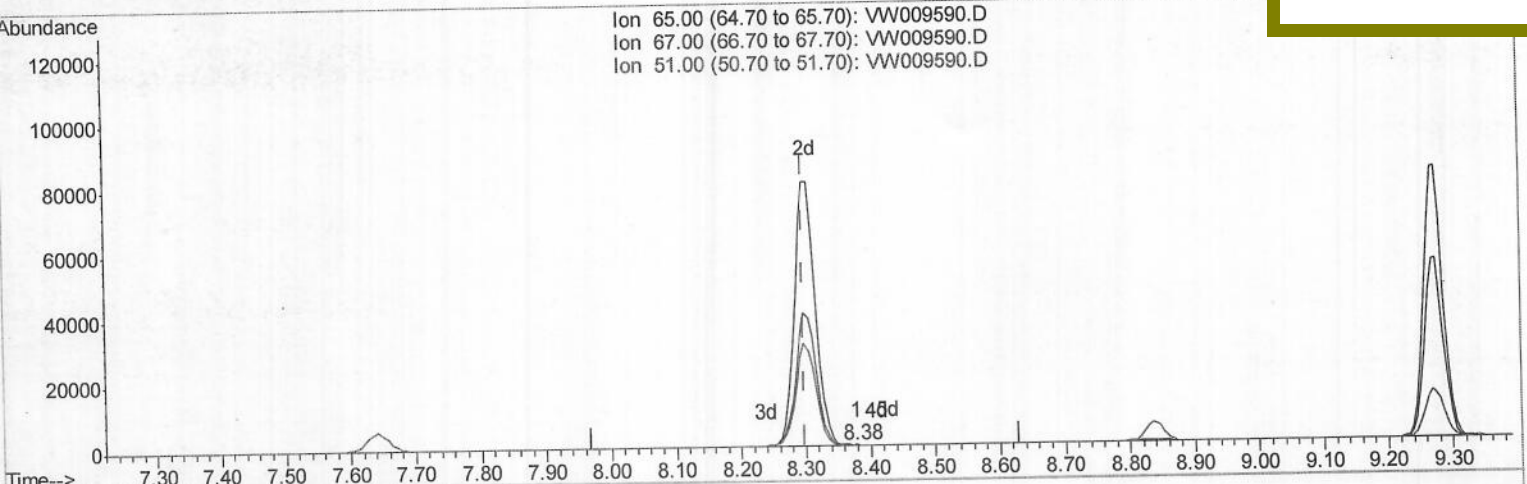
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(26) 1,2-Dichloroethane-d4 (S)

8.378min (+0.079) 0.03ug/L

response 182

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	49.45
51.00	97.70	85.71
0.00	0.00	0.00

Quantitation Report (Qedit)

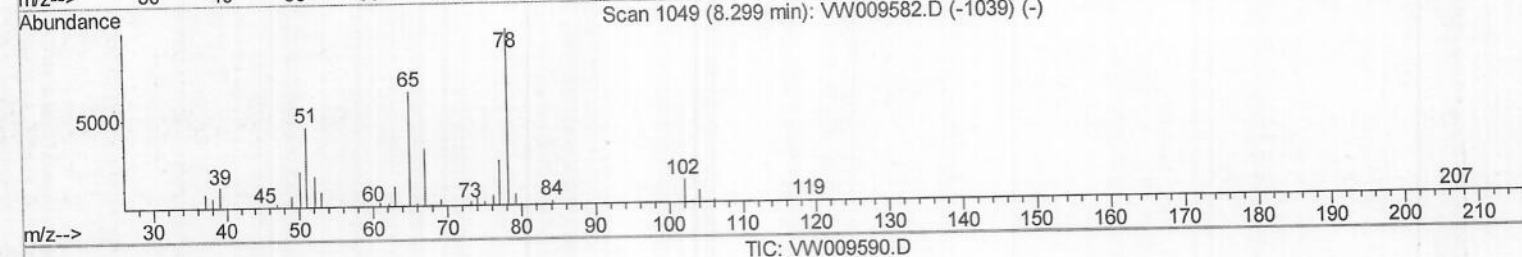
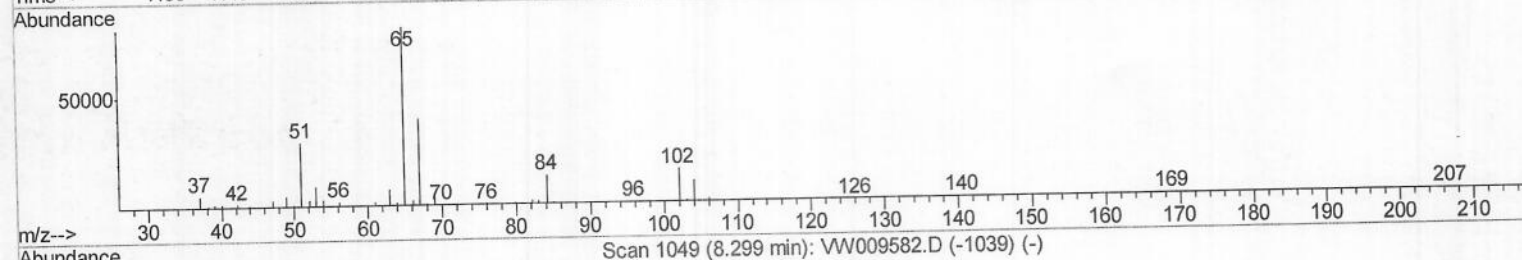
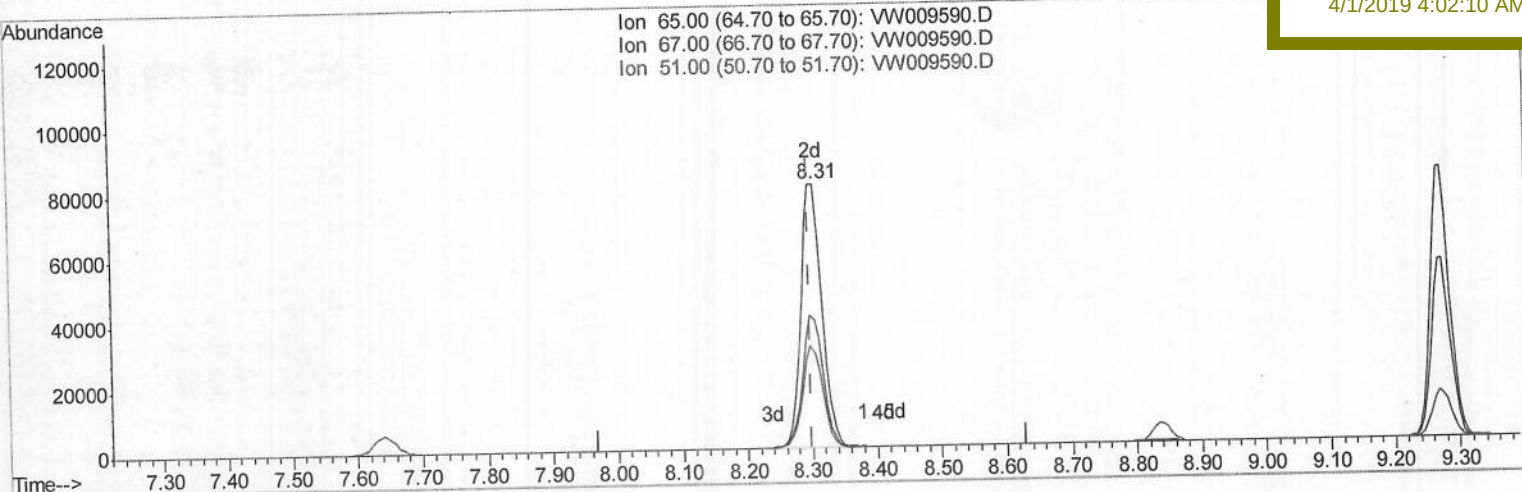
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(26) 1,2-Dichloroethane-d4 (S)

8.305min (+0.006) 25.11ug/L m

response 179788

Ion	Exp%	Act%
65.00	100	100
67.00	50.80	0.05#
51.00	97.70	0.09#
0.00	0.00	0.00

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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	435467	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	407948	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	169896	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	152886	29.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.52%
7) Chloroethane-d5	2.89	69	139633	22.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.72%
10) 1,1-Dichloroethene-d2	4.01	63	227418	20.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.88%
20) 2-Butanone-d5	7.07	46	82948	38.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.08%
24) Chloroform-d	7.64	84	295243	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.31	65	179788m	25.11	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.44%
29) Benzene-d6	8.27	84	555112	24.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.68%
33) 1,2-Dichloropropane-d6	9.27	67	167699	24.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.28%
37) Toluene-d8	10.32	98	496056	23.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.40%
38) trans-1,3-Dichloropropene-	10.58	79	70178	20.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.72%
39) 2-Hexanone-d5	10.93	63	55476	33.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141603	21.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	159865	24.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	4.12	43	22066	12.503	ug/L	98
16) Methylene chloride	4.91	84	22445m	3.534	ug/L	

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