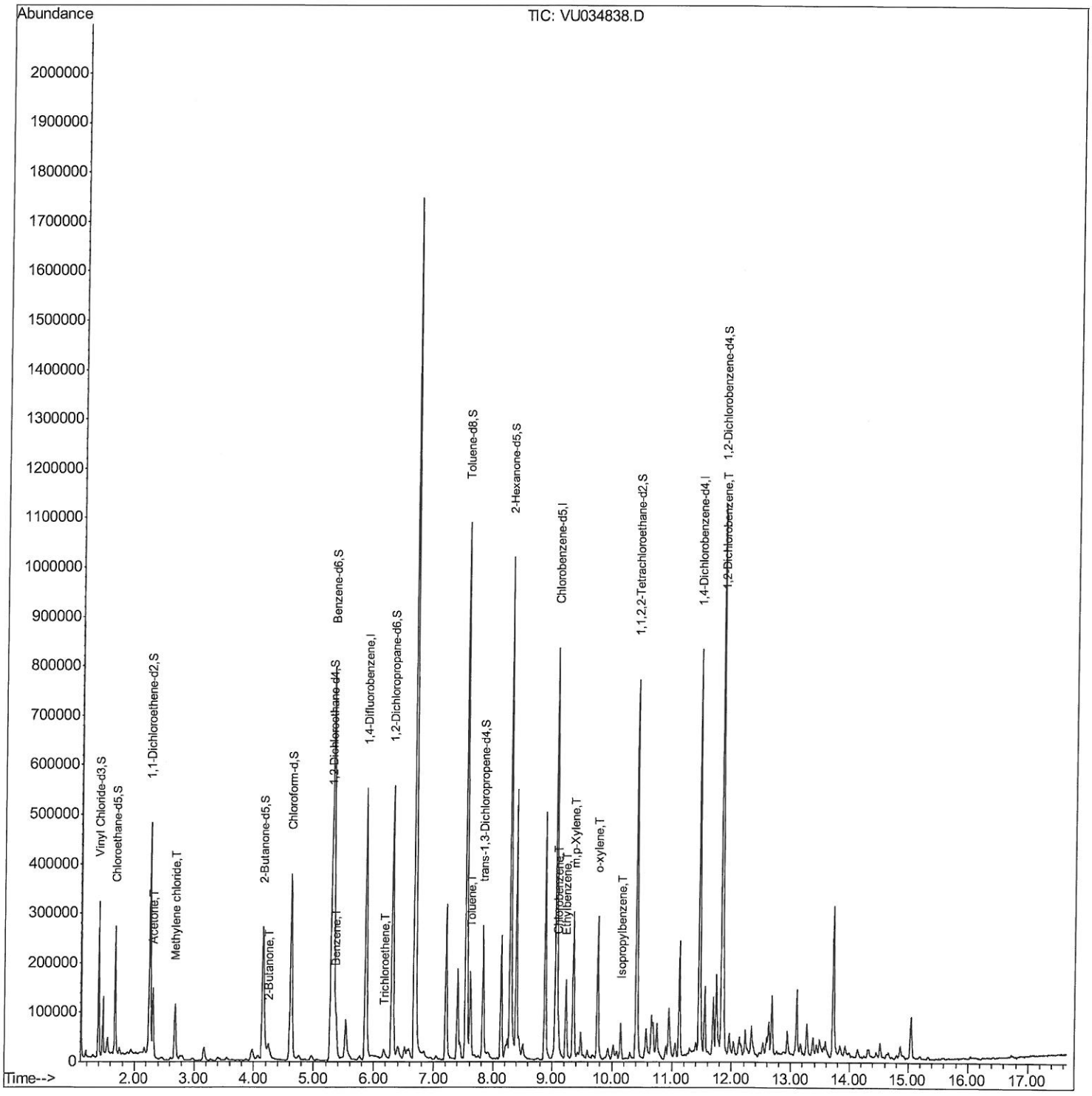
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092619\
Data File : VU034838.D
Acq On : 26 Sep 2019 12:01
Operator : JC/SP
Sample : K4983-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 26 17:31:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 26 15:50:26 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BFDL5

Manual Integrations APPROVED
MMDadoda
10/4/2019 4:40:23 PM



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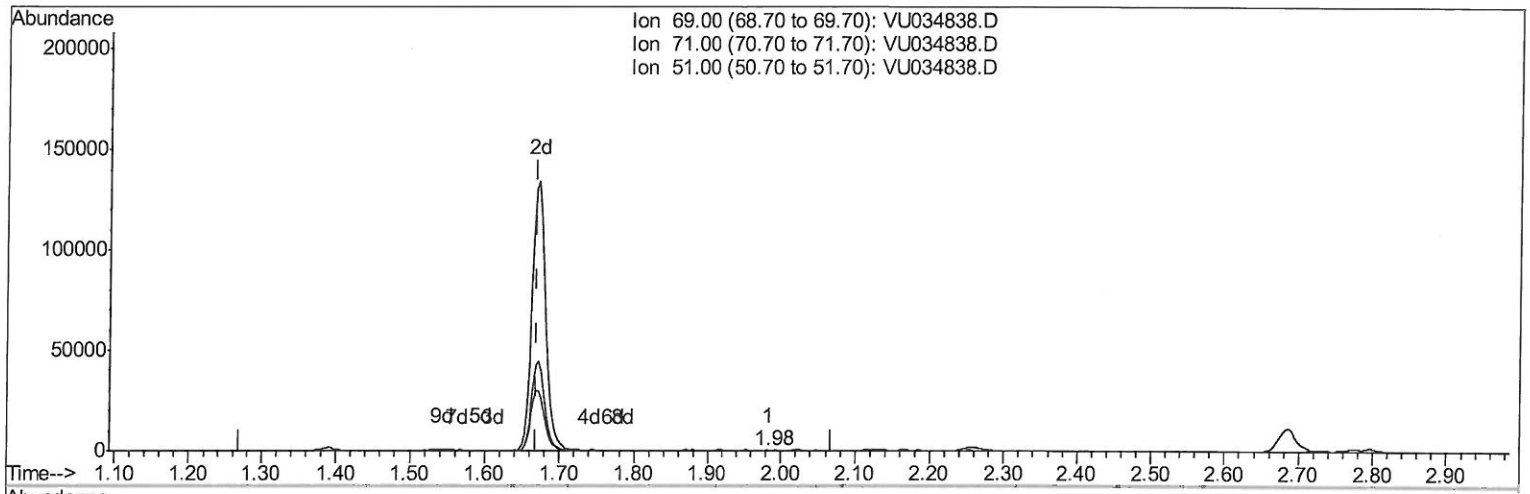

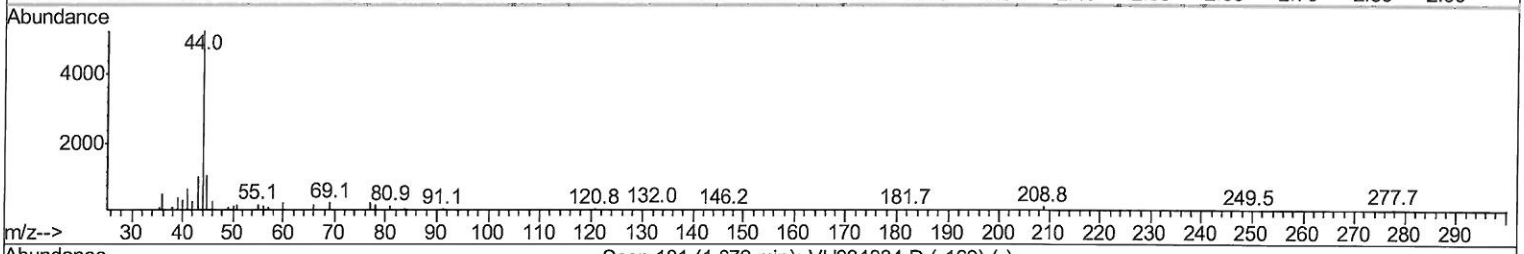

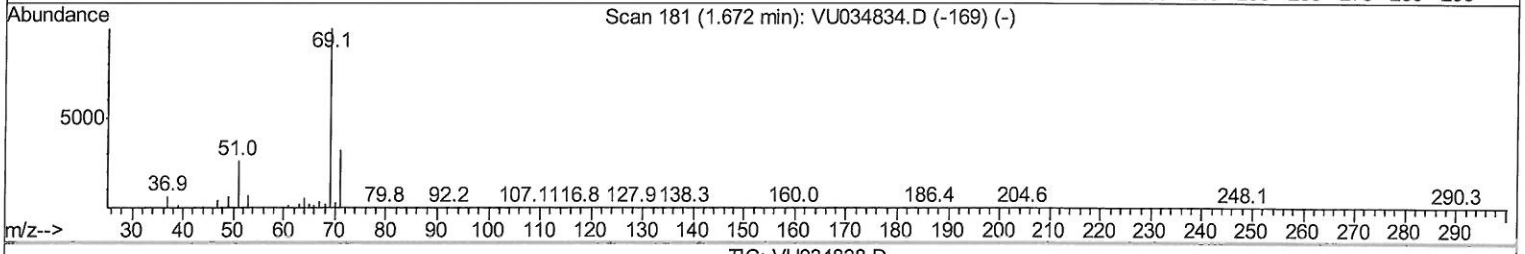

TIC: VU034838.D

(7) Chloroethane-d5 (S)

1.984min (+0.315) 0.04ug/L

response 124

Ion	Exp%	Act%
69.00	100	100
71.00	31.80	37.90
51.00	32.70	25.00
0.00	0.00	0.00

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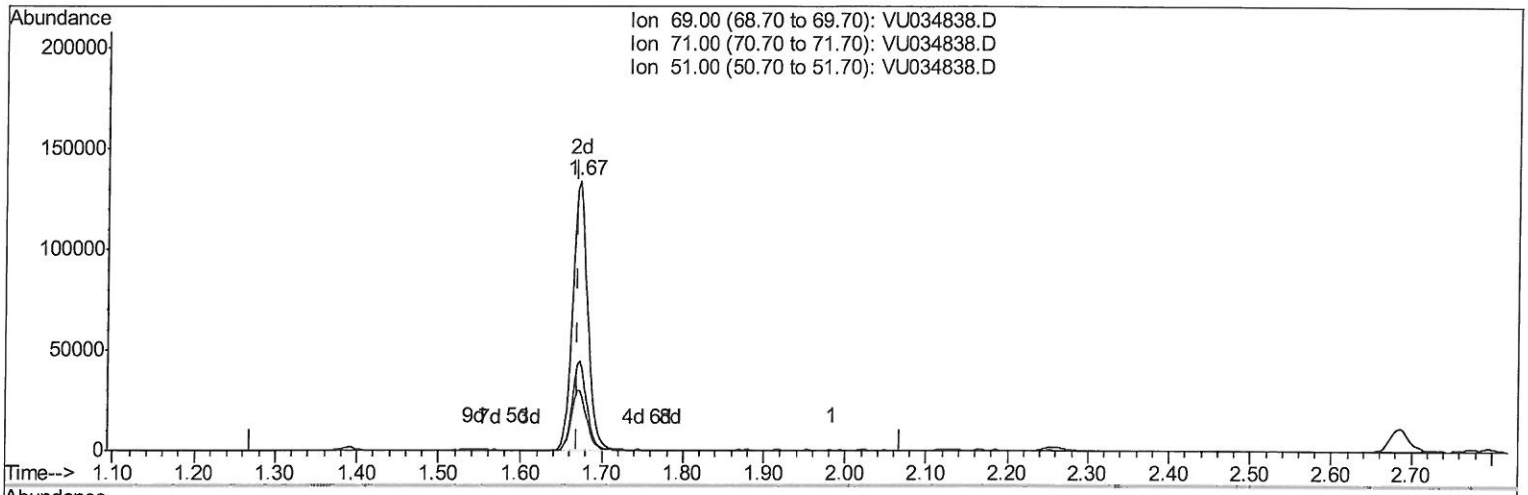

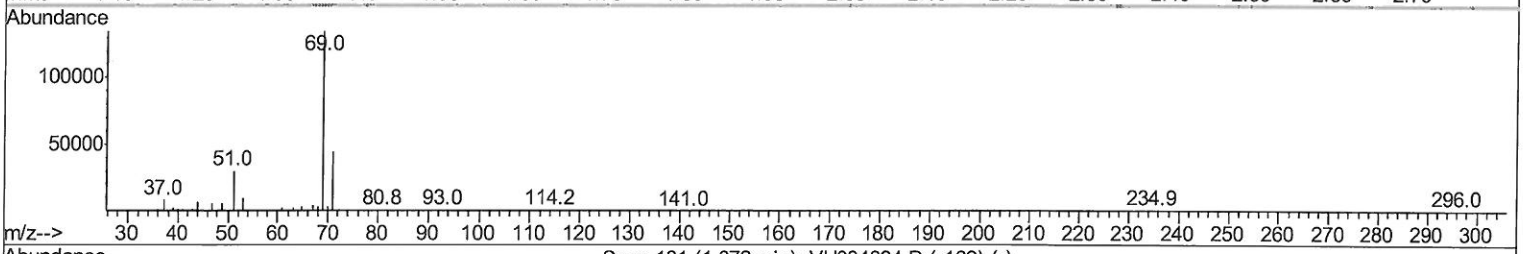

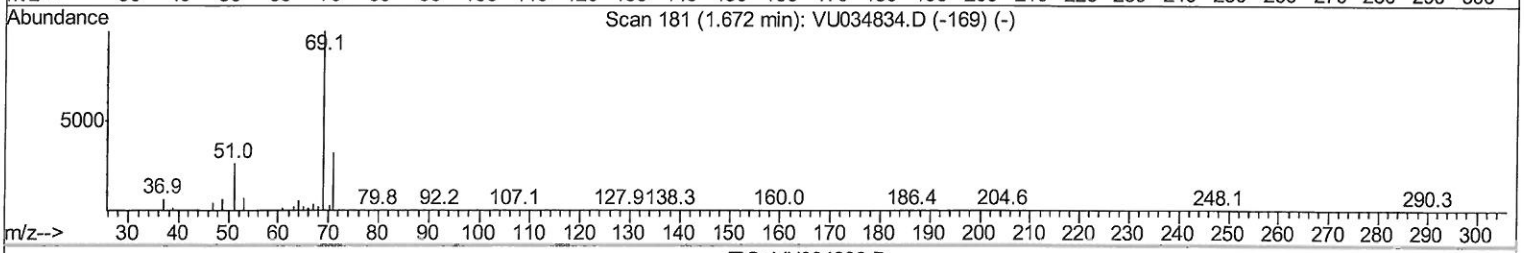

TIC: VU034838.D

(7) Chloroethane-d5 (S)

1.672min (+0.003) 48.86ug/L m

response 172738

MD 10/04/19

Ion	Exp%	Act%
69.00	100	100
71.00	31.80	0.03#
51.00	32.70	0.02#
0.00	0.00	0.00

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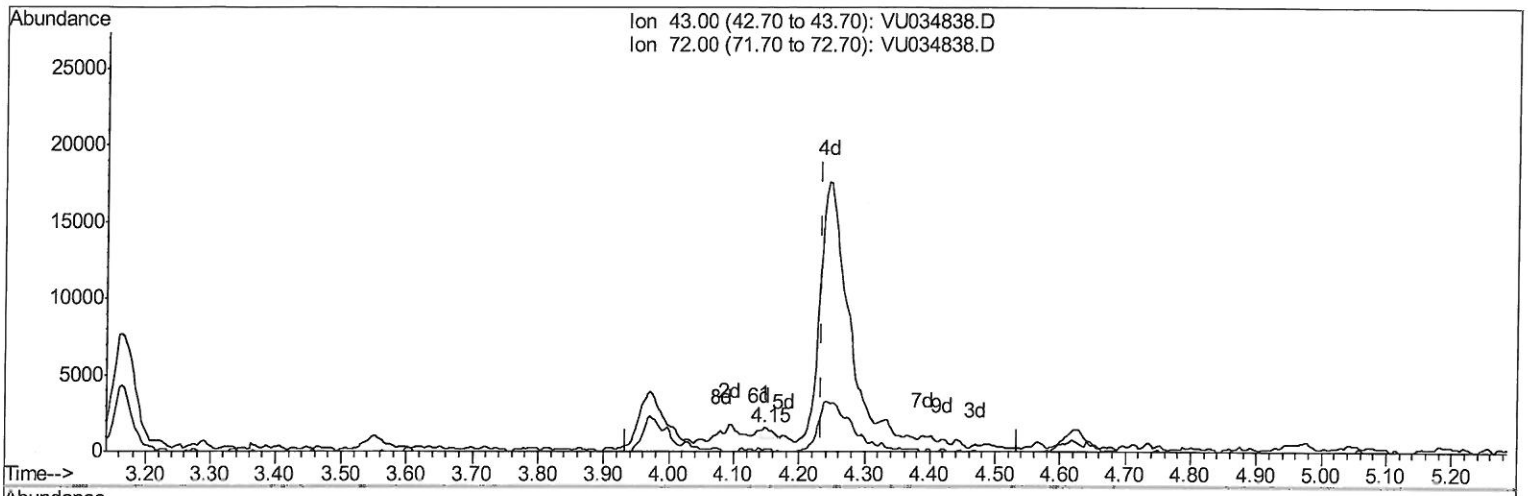

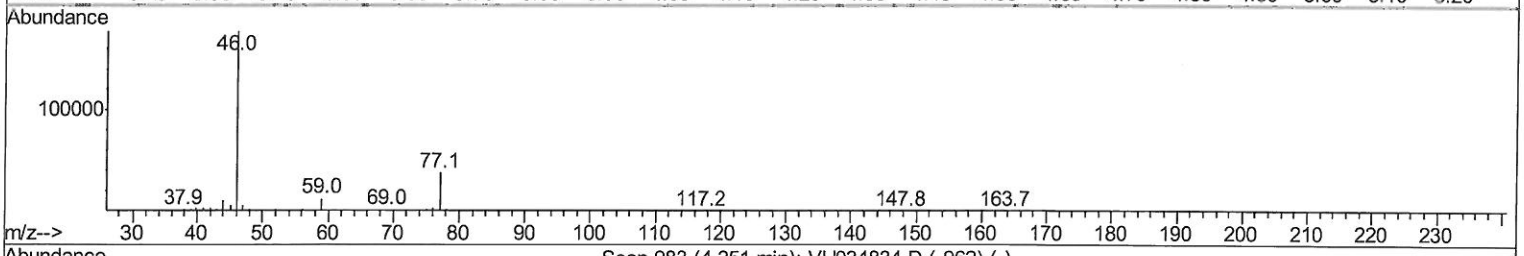

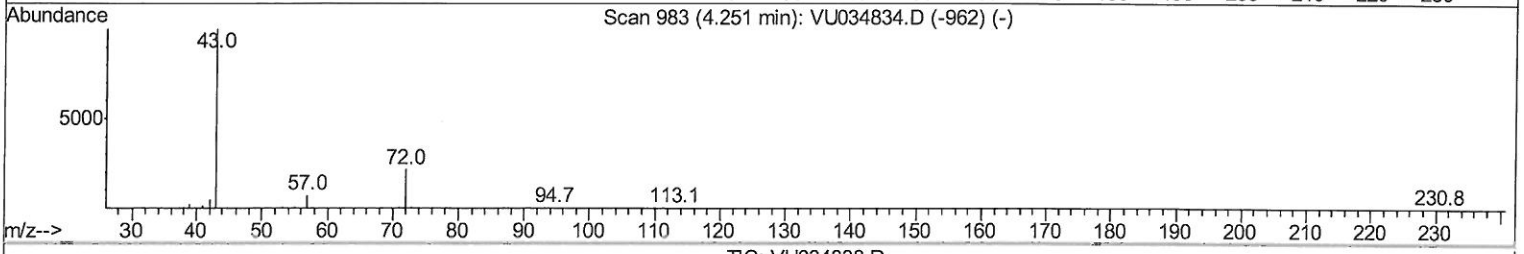

TIC: VU034838.D

(22) 2-Butanone (T)

4.148min (-0.087) 0.15ug/L

response 706

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	17.00
0.00	0.00	0.00
0.00	0.00	0.00

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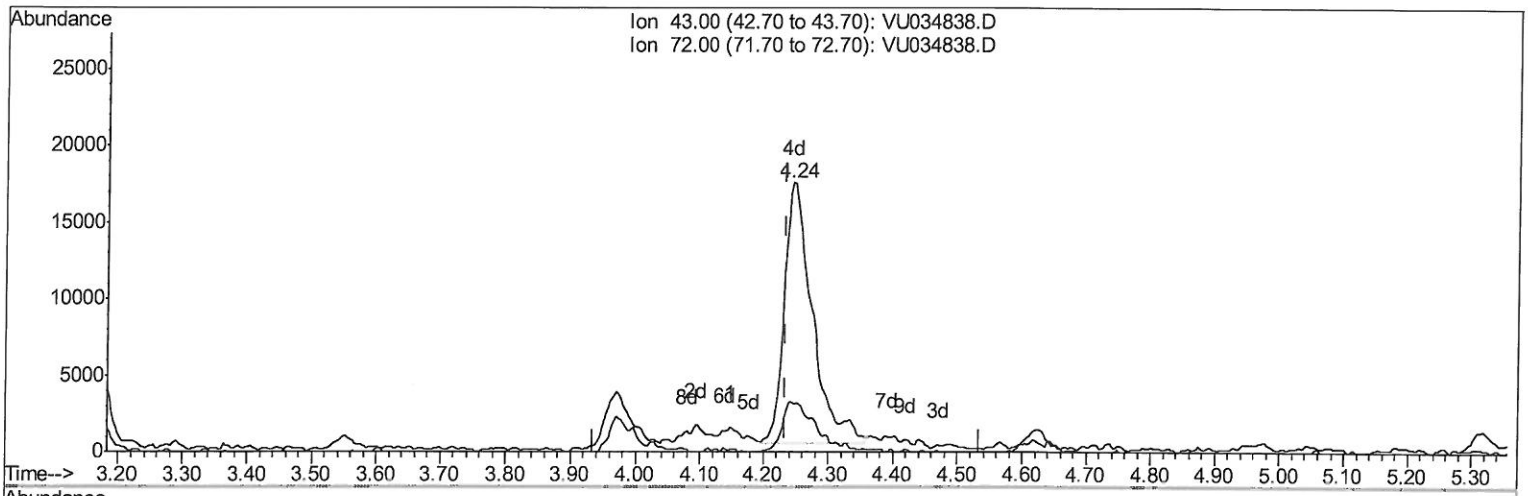

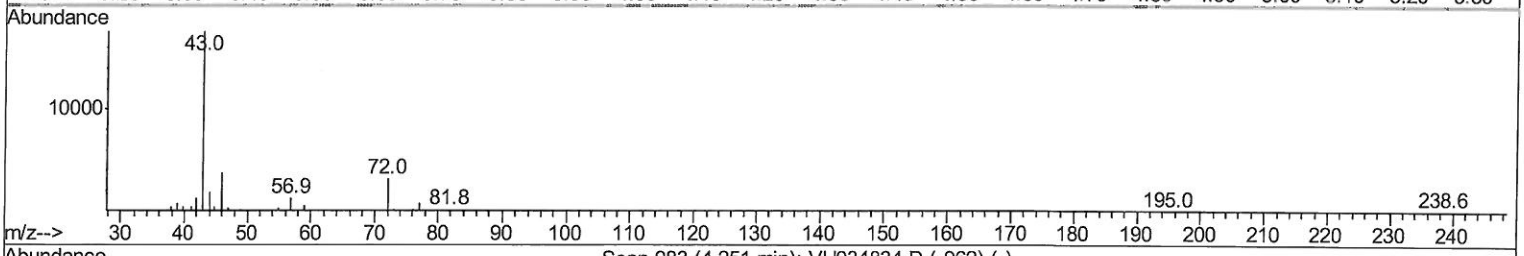

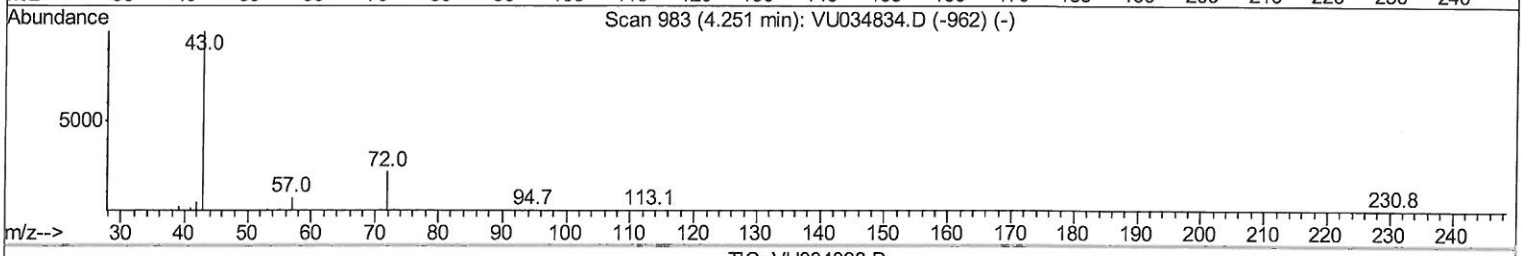

TIC: VU034838.D

(22) 2-Butanone (T)

4.244min (+0.010) 10.60ug/L m

response 51454

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	0.23#
0.00	0.00	0.00
0.00	0.00	0.00

MD 10/04/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	446863	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	425886	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	196938	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	190181	41.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.14%			
7) Chloroethane-d5	1.67	69	172738m	48.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.72%			
11) 1,1-Dichloroethene-d2	2.26	63	261827	33.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.60%			
21) 2-Butanone-d5	4.15	46	473391	135.02	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 135.02%#			
24) Chloroform-d	4.62	84	351495	52.85	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.70%			
26) 1,2-Dichloroethane-d4	5.29	65	246191	50.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.72%			
32) Benzene-d6	5.32	84	738850	55.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.94%			
36) 1,2-Dichloropropane-d6	6.31	67	264986	57.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 114.86%			
41) Toluene-d8	7.54	98	704293	56.08	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.16%			
43) trans-1,3-Dichloropropene-	7.83	79	113697	51.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 102.90%			
47) 2-Hexanone-d5	8.29	63	320407	138.27	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 138.27%#			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	374116	58.44	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 116.88%			
64) 1,2-Dichlorobenzene-d4	11.84	152	256892	62.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 124.42%#			
Target Compounds						Qvalue
13) Acetone	2.31	43	149848	36.741	ug/L	94
16) Methylene chloride	2.68	84	45120	12.183	ug/L	97
22) 2-Butanone	4.24	43	51454m	10.605	ug/L	
33) Benzene	5.37	78	81507	5.518	ug/L	100
34) Trichloroethene	6.17	95	5210	1.428	ug/L	97
42) Toluene	7.62	91	119905	7.511	ug/L	98
51) Chlorobenzene	9.10	112	23818	2.454	ug/L	96
52) Ethylbenzene	9.23	91	112653	6.267	ug/L	97
53) m,p-Xylene	9.35	106	85334	13.403	ug/L	100
54) o-xylene	9.76	106	63504	10.084	ug/L	90
56) Isopropylbenzene	10.14	105	44099	2.597	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	59588	8.647	ug/L	99

MD 10/04/19

MD 10/04/19

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