

Quantitation Report (QT Reviewed)

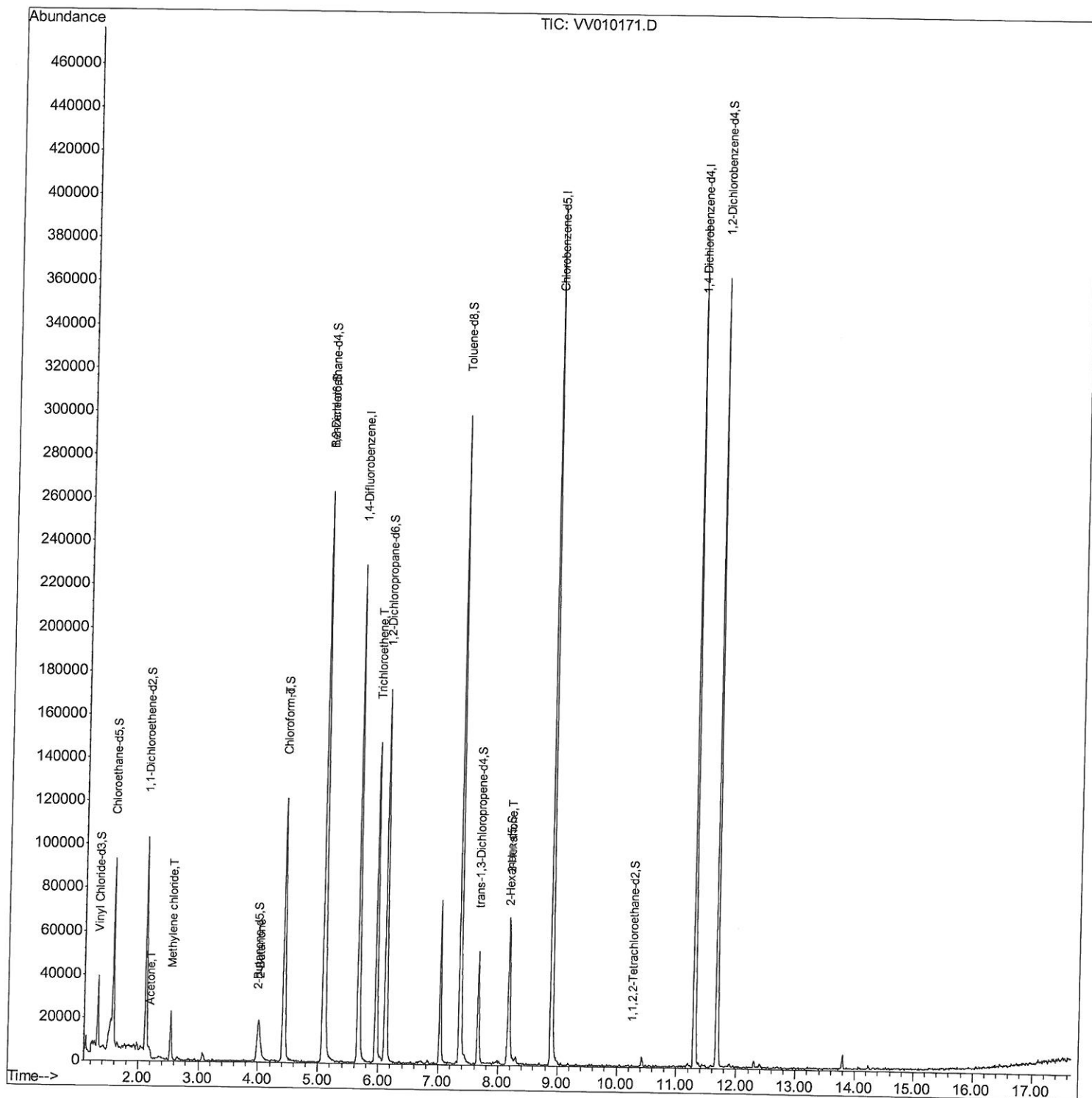
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040819\
Data File : VV010171.D
Acq On : 08 Apr 2019 13:10
Operator : SY/MD
Sample : K2255-03
Misc : 4.30G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFC36

Quant Time: Apr 09 06:00:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM040219S.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 09 05:31:28 2019
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
4/15/2019 12:28:25 AM



Quantitation Report (Qedit)

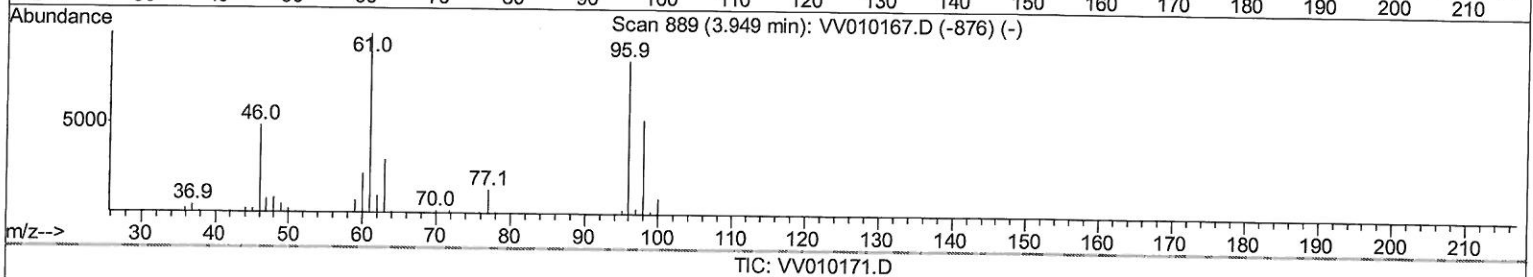
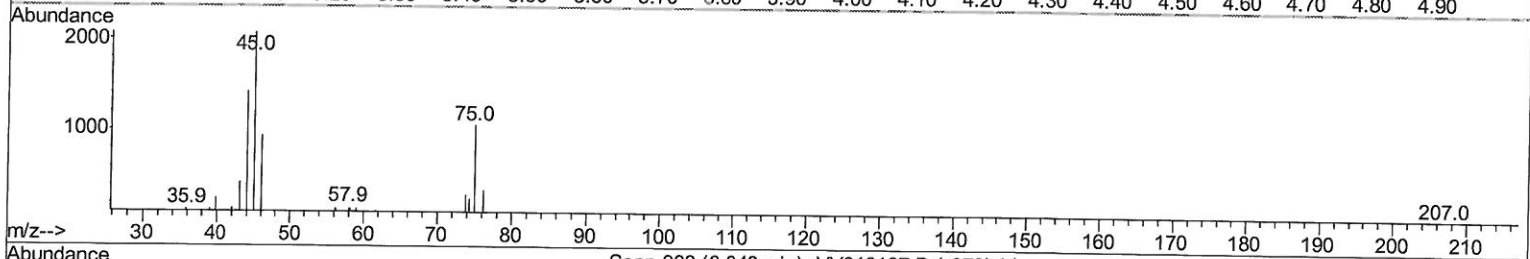
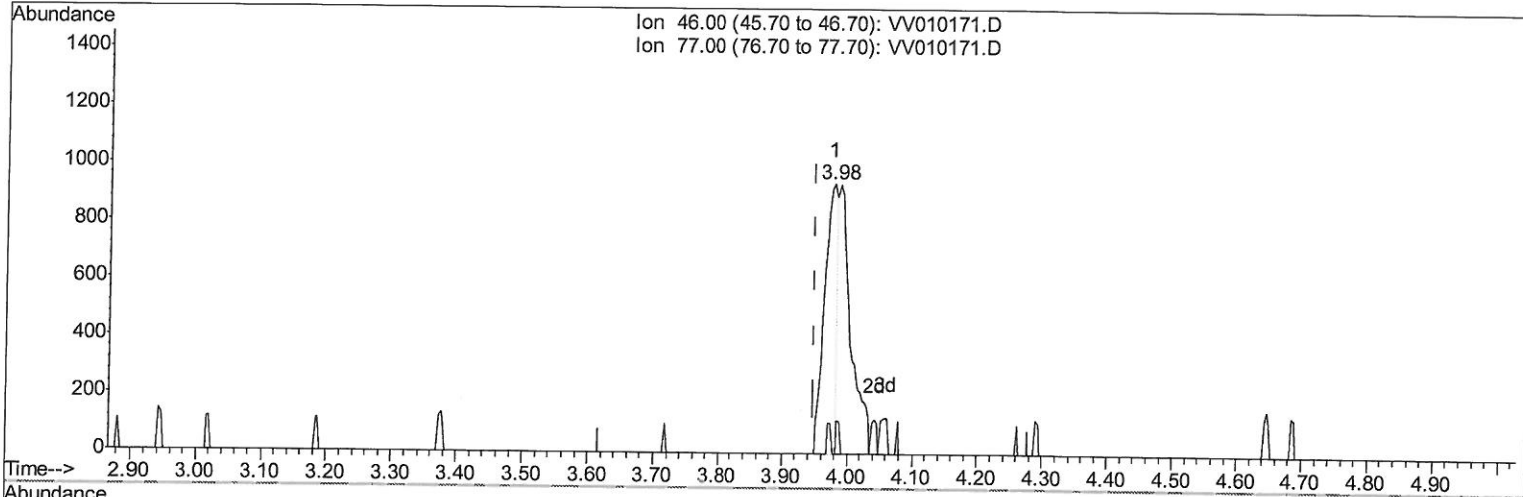
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TIC: VV010171.D

(20) 2-Butanone-d5 (S)

3.978min (+0.029) 1.52ug/L

response 1169

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	3.51#
0.00	0.00	0.00
0.00	0.00	0.00

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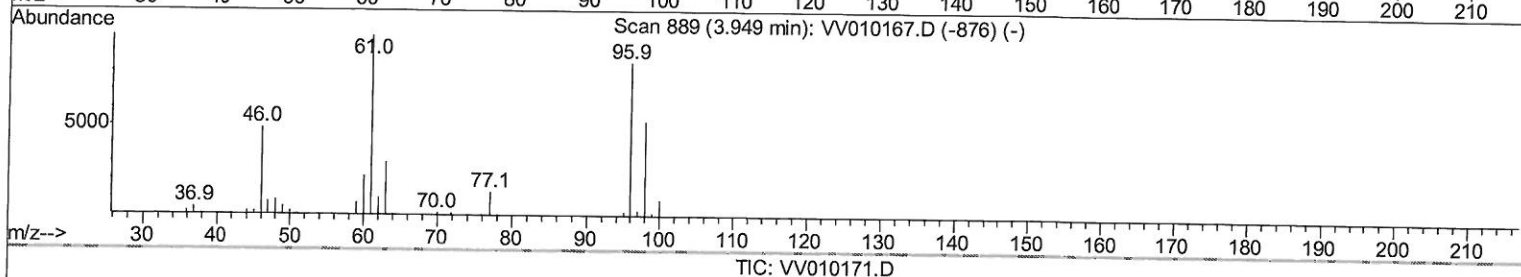
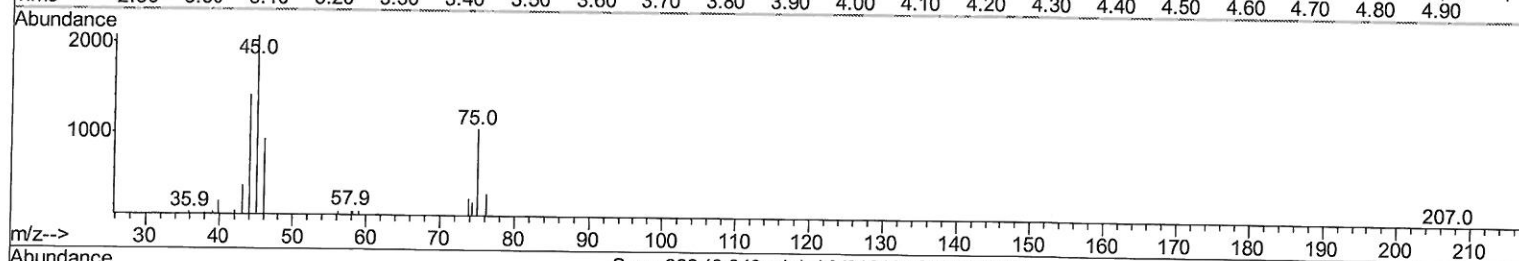
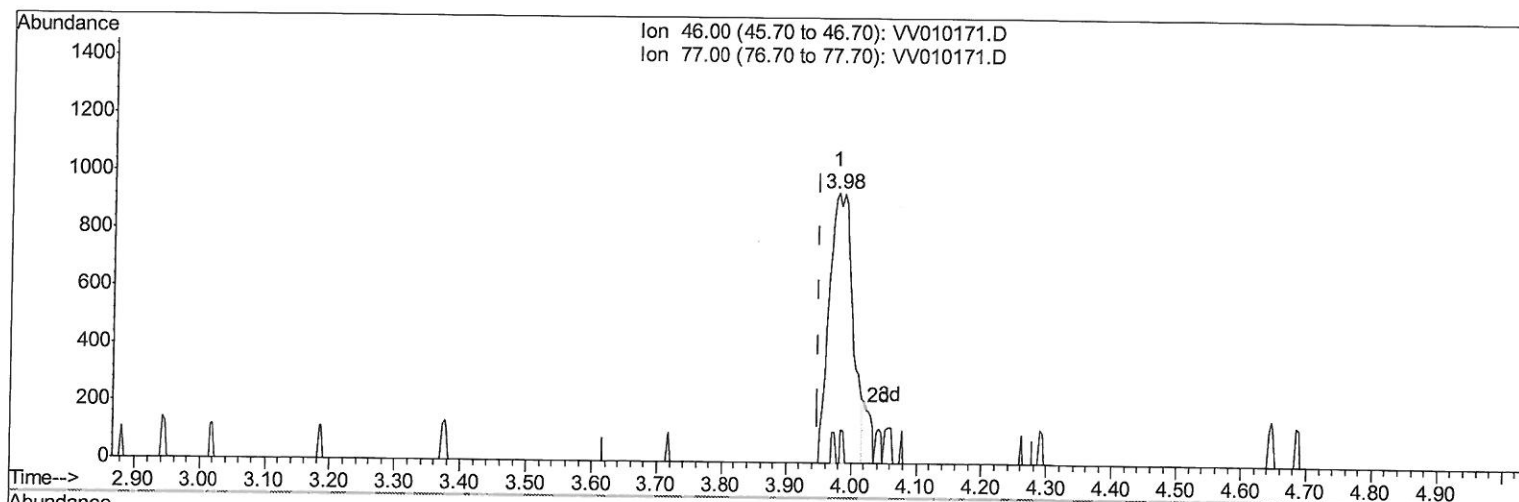
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TIC: VV010171.D

(20) 2-Butanone-d5 (S)

3.978min (+0.029) 3.05ug/L m

response 2347

Ion	Exp%	Act%
46.00	100	100
77.00	25.70	1.75#
0.00	0.00	0.00
0.00	0.00	0.00

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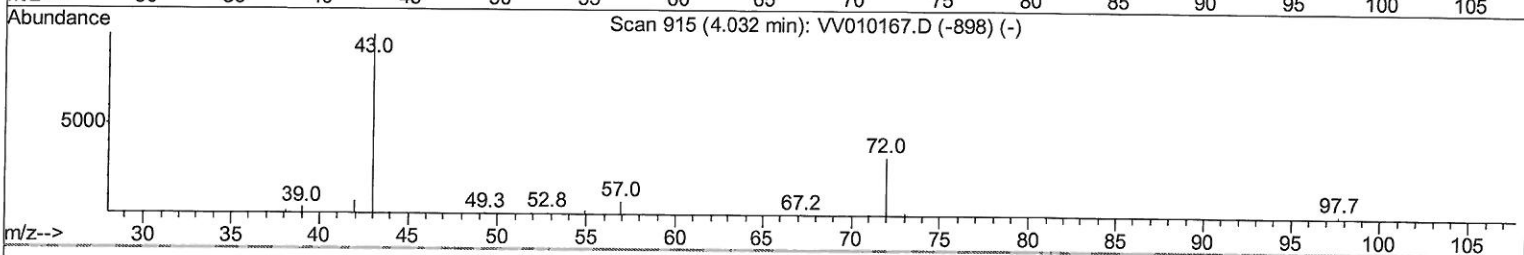
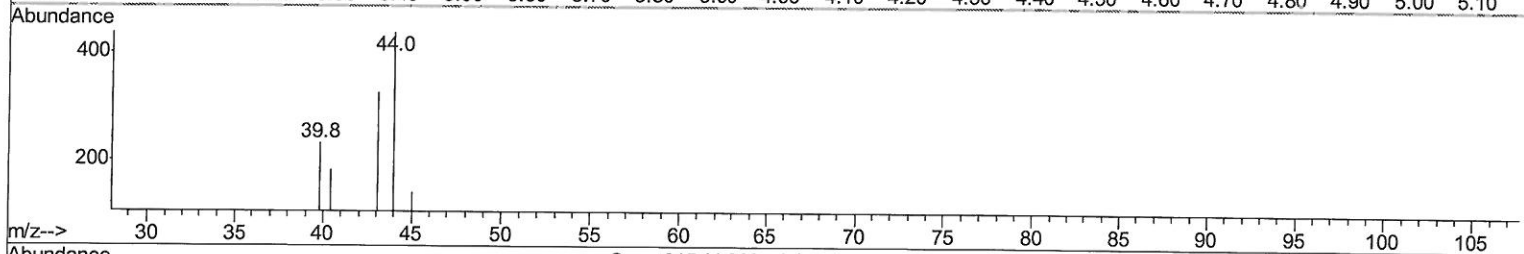
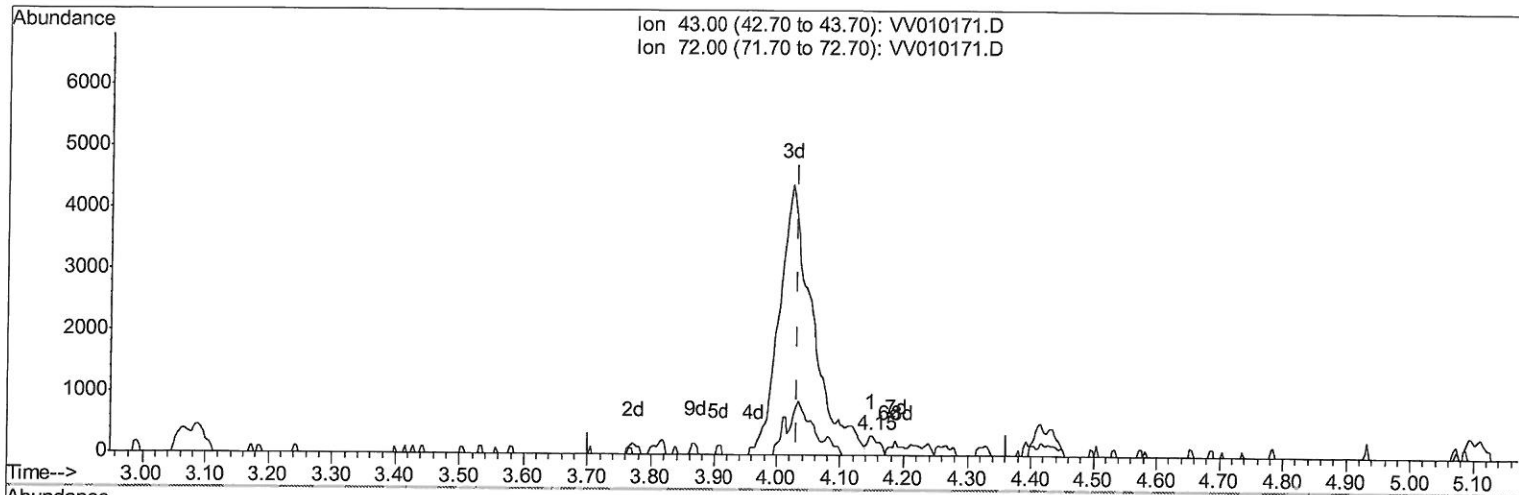
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TIC: VV010171.D

(21) 2-Butanone

4.148min (+0.116) 0.47ug/L

response 395

Ion	Exp%	Act%
43.00	100	100
72.00	25.60	29.11
0.00	0.00	0.00
0.00	0.00	0.00

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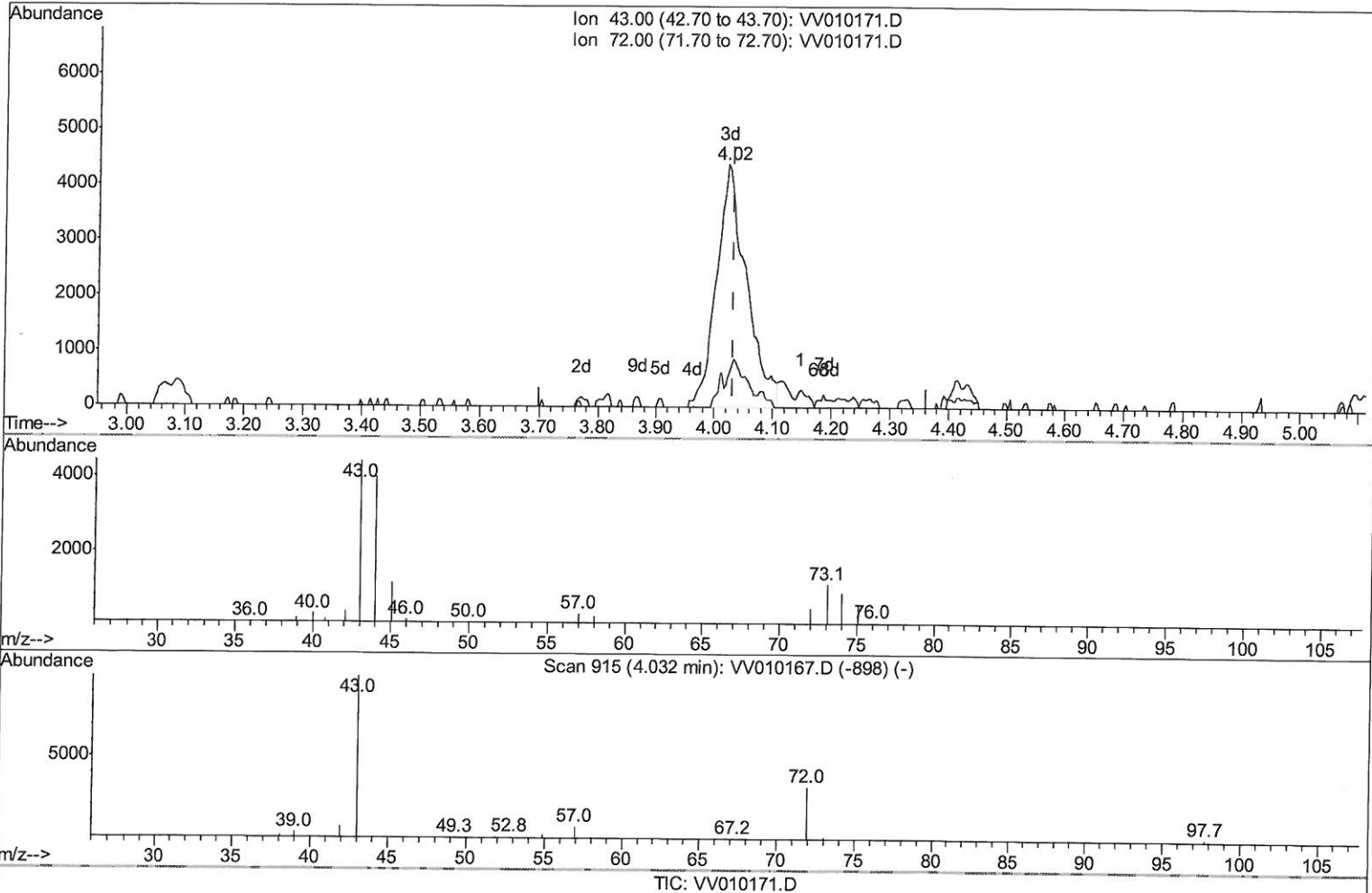
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(21) 2-Butanone

4.023min (-0.010) 18.61ug/L m

response 15479

Ion Exp% Act%

43.00 100 100

72.00 25.60 0.74#

0.00 0.00 0.00

0.00 0.00 0.00

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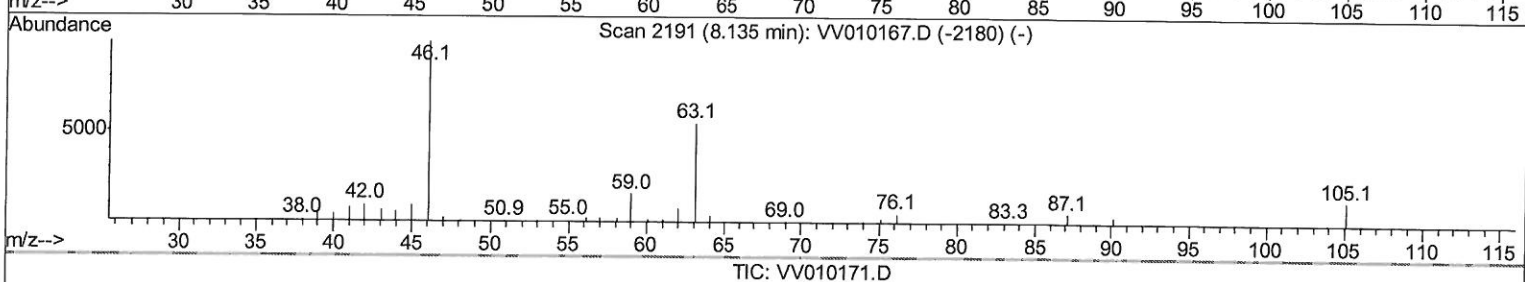
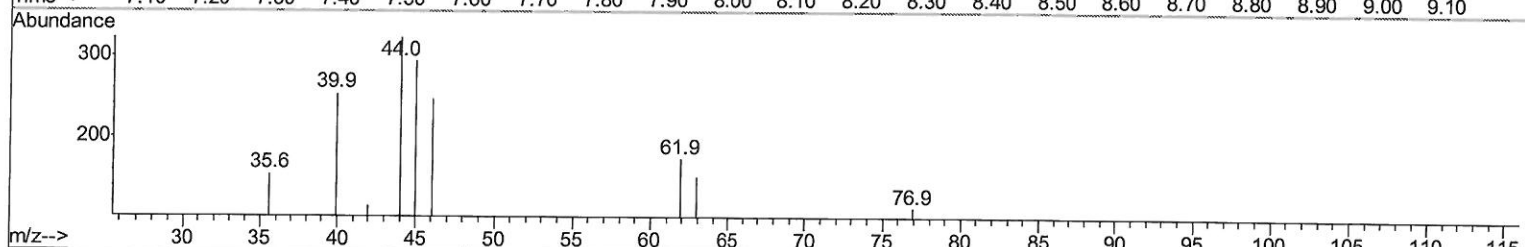
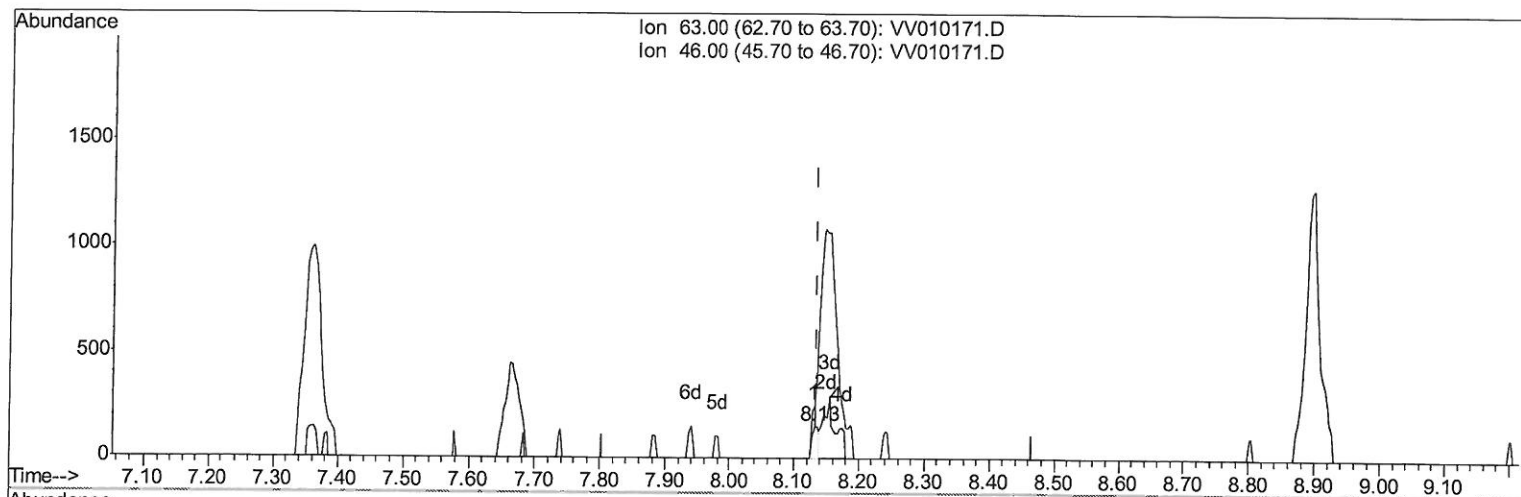
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(39) 2-Hexanone-d5 (S)

8.132min (-0.003) 0.15ug/L

response 105

Ion	Exp%	Act%
63.00	100	100
46.00	178.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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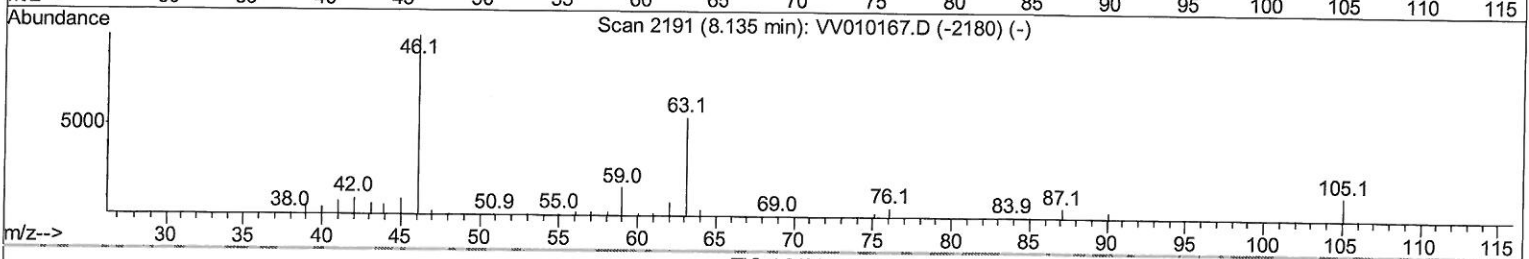
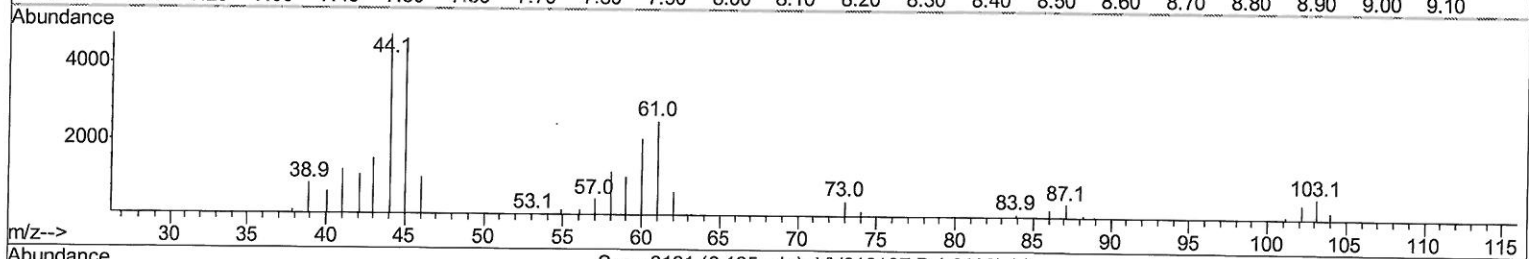
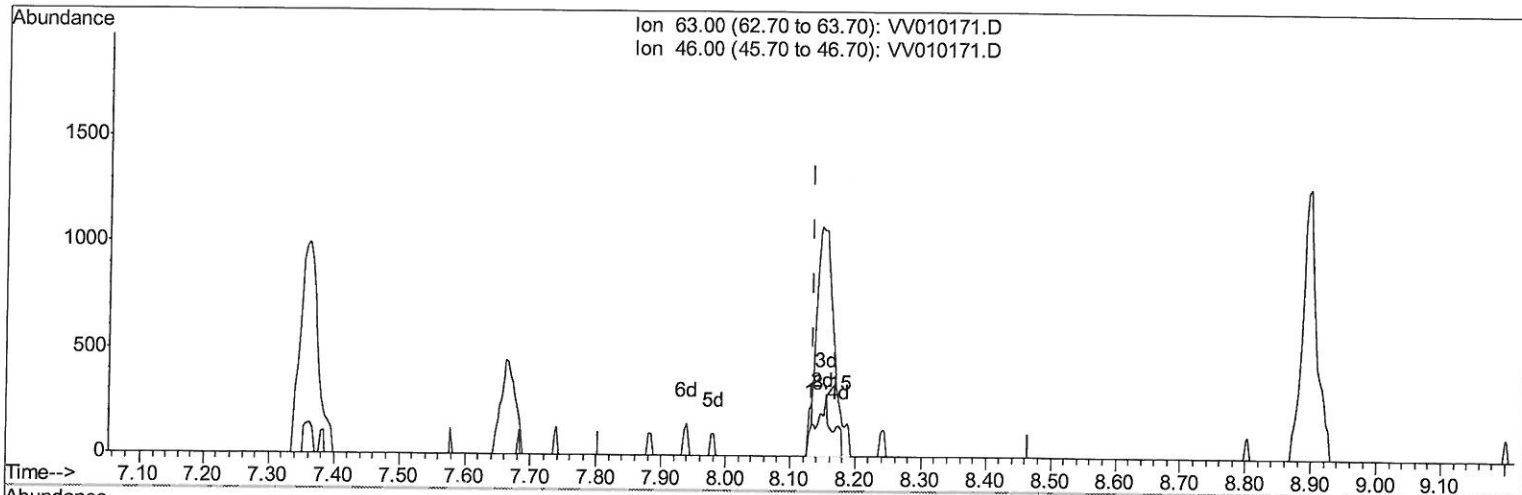
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TIC: VV010171.D

(39) 2-Hexanone-d5 (S)

8.154min (+0.019) 0.71ug/L m

response 486

Ion	Exp%	Act%
63.00	100	100
46.00	178.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.67	114	201691	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	223210	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106463	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18506	6.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	27.40%		
7) Chloroethane-d5	1.57	69	44616	13.30	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	53.20%		
10) 1,1-Dichloroethene-d2	2.13	63	50213	7.37	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	29.48%		
20) 2-Butanone-d5	3.98	46	2347m	3.05	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery =	6.10%		
24) Chloroform-d	4.43	84	5016	0.99	ug/L	0.03
Spiked Amount 25.000	Range 40 - 150		Recovery =	3.96%		
26) 1,2-Dichloroethane-d4	5.09	65	76078	26.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	107.04%		
29) Benzene-d6	5.10	84	216441	18.70	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	74.80%		
33) 1,2-Dichloropropane-d6	6.12	67	79399	23.24	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.96%		
37) Toluene-d8	7.36	98	201597	18.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	72.32%		
38) trans-1,3-Dichloropropene-	7.67	79	26829	18.37	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	73.48%		
39) 2-Hexanone-d5	8.15	63	486m	0.71	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	1.42%		
48) 1,1,2,2-Tetrachloroethane-	10.26	84	139	0.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	0.16%		
61) 1,2-Dichlorobenzene-d4	11.67	152	95833	23.11	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	92.44%		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	4204	5.534	ug/L	96
16) Methylene chloride	2.54	84	9772	2.758	ug/L	88
21) 2-Butanone	4.02	43	15479m	18.606	ug/L	97
25) Chloroform	4.43	83	116675	25.442	ug/L	99
35) Trichloroethene	5.96	95	46598	14.832	ug/L	99
49) 2-Hexanone	8.18	43	27033	18.547	ug/L	87

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

me
 4/9/19