

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092519\

Data File : VU034822.D

Acq On : 25 Sep 2019 23:05

Operator : JC/SP

Sample : K4983-12

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 33 Sample Multiplier: 1

Quant Time: Sep 26 09:09:43 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Sep 26 06:56:48 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

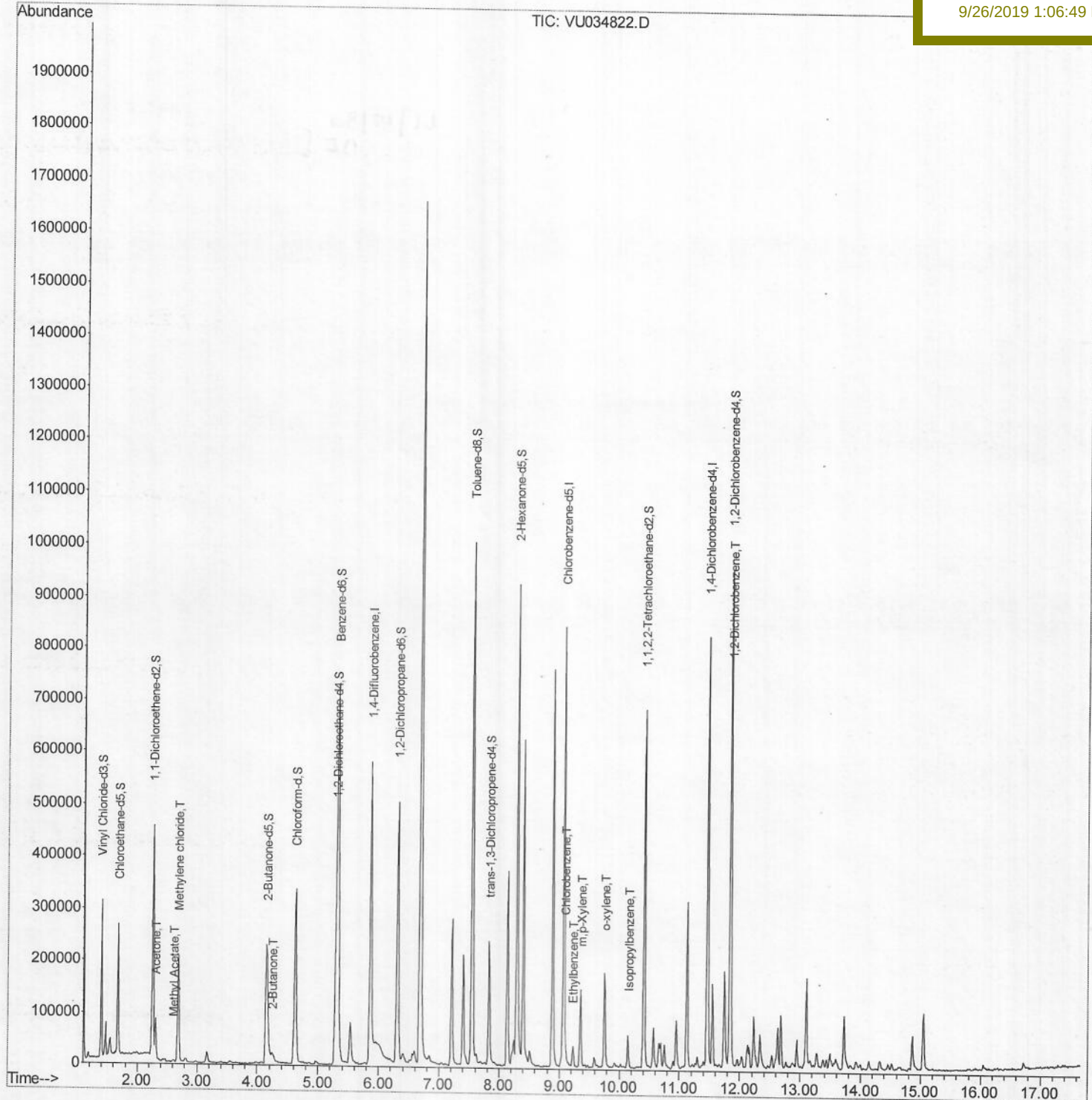
BFDJ5

Manual Integrations

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9/26/2019 1:06:49 PM



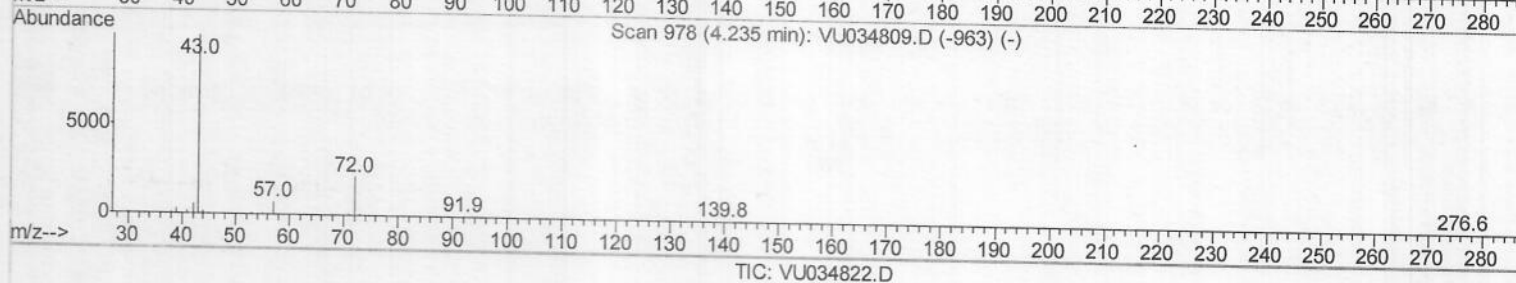
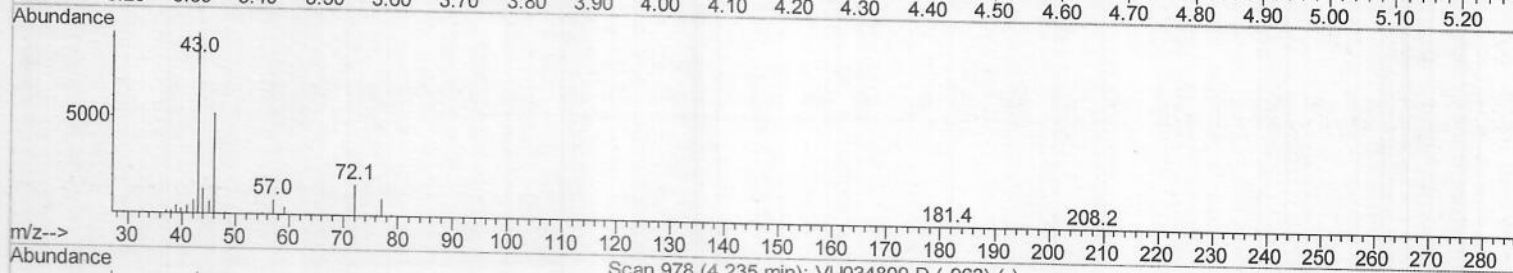
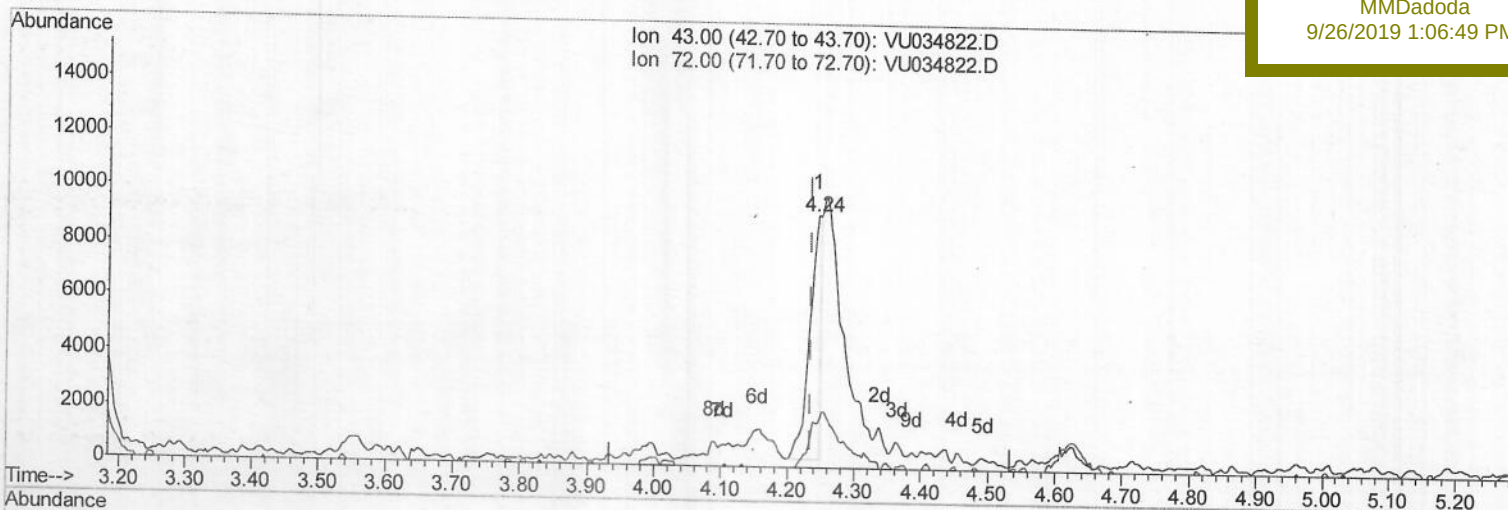
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(22) 2-Butanone (T)

4.244min (+0.010) 2.13ug/L

response 10363

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	13.97
0.00	0.00	0.00
0.00	0.00	0.00

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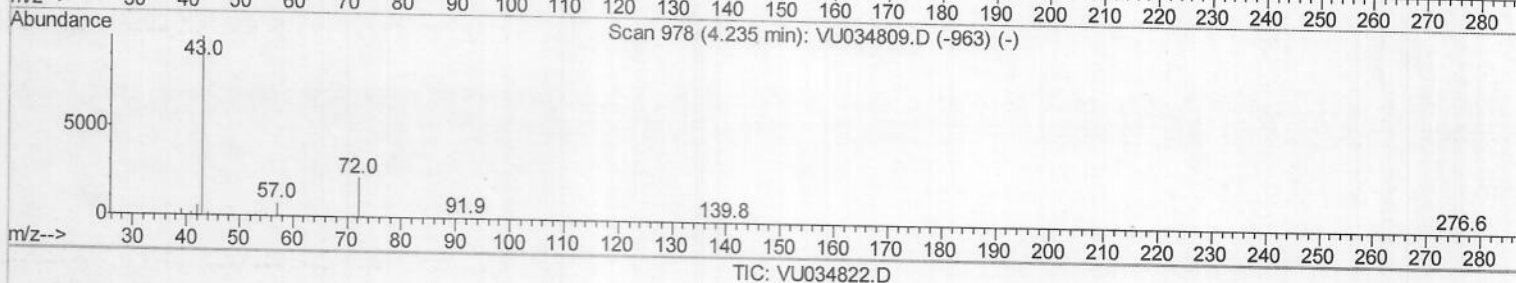
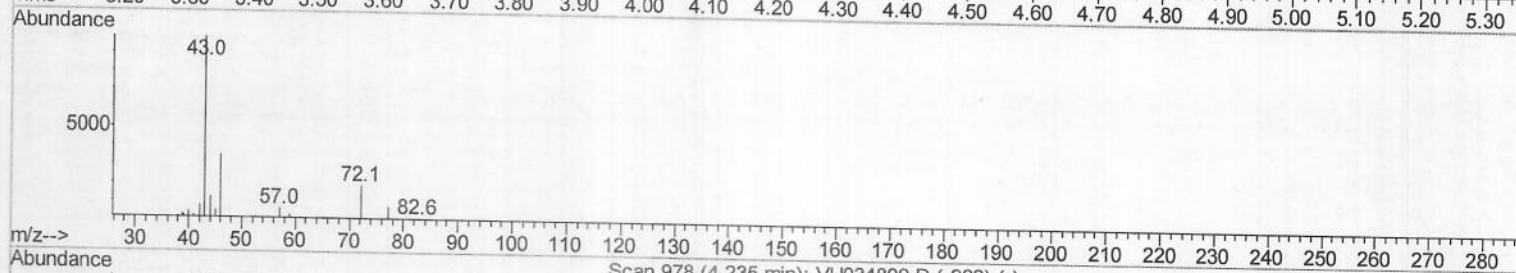
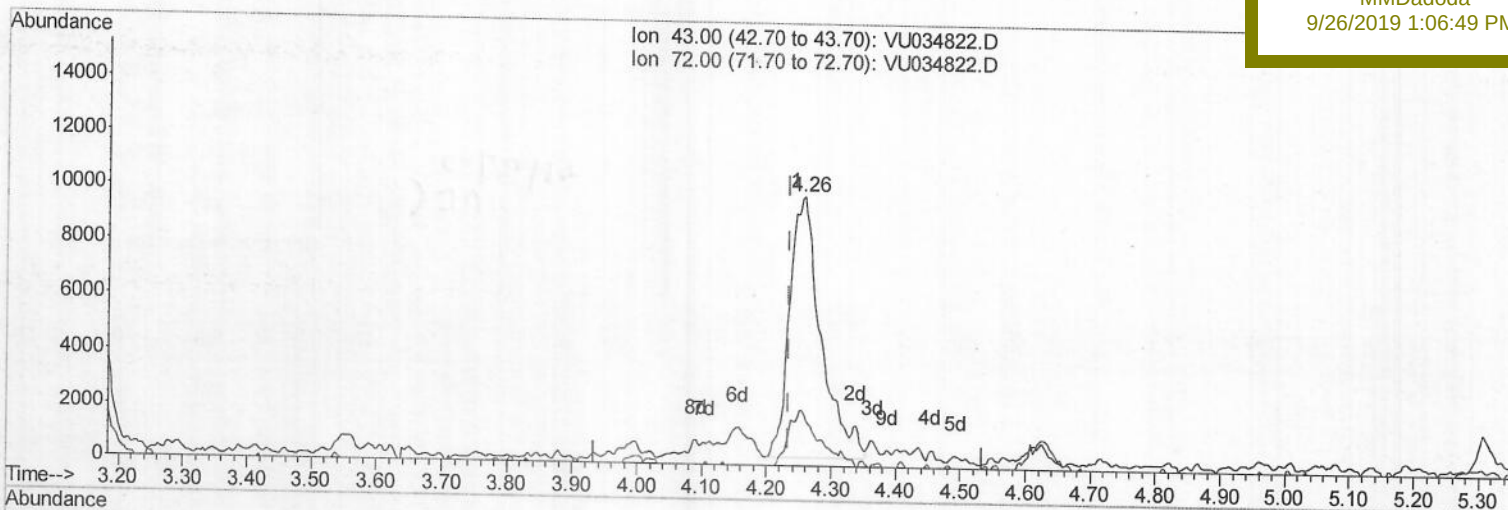
Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

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Manual Integrations
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(22) 2-Butanone (T)

4.257min (+0.022) 6.70ug/L m 3

MD 09/30/19

response 32550

Ion	Exp%	Act%
43.00	100	100
72.00	20.40	4.45#
0.00	0.00	0.00
0.00	0.00	0.00

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 ALS Vial : 33 Sample Multiplier: 1

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 MSVOA_U
 Client Sample ID :
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Quant Time: Sep 26 09:09:43 2019
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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	447149	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	428863	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	201275	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	187920	41.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.10%		
7) Chloroethane-d5	1.67	69	165567	46.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.60%		
11) 1,1-Dichloroethene-d2	2.26	63	254331	32.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.62%		
21) 2-Butanone-d5	4.15	46	400691	114.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	114.21%		
24) Chloroform-d	4.62	84	321185	48.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.52%		
26) 1,2-Dichloroethane-d4	5.29	65	224539	45.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.80%		
32) Benzene-d6	5.32	84	672922	50.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.24%		
36) 1,2-Dichloropropane-d6	6.31	67	242077	52.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.20%		
41) Toluene-d8	7.54	98	644780	50.98	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.96%		
43) trans-1,3-Dichloropropene-	7.83	79	101410	45.57	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.14%		
47) 2-Hexanone-d5	8.29	63	283453	121.47	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	121.47%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	330476	51.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.52%		
64) 1,2-Dichlorobenzene-d4	11.84	152	229322	54.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.66%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.31	43	85253	20.890	ug/L	95
15) Methyl Acetate	2.61	43	5355	0.982	ug/L #	91
16) Methylene chloride	2.68	84	82471	22.254	ug/L	93
22) 2-Butanone	4.26	43	32550m 3	6.704	ug/L	88
51) Chlorobenzene	9.10	112	10578	1.083	ug/L	96
52) Ethylbenzene	9.23	91	28480	1.573	ug/L	95
53) m,p-Xylene	9.35	106	40125	6.258	ug/L	76
54) o-xylene	9.76	106	31430	4.956	ug/L	98
56) Isopropylbenzene	10.14	105	40716	2.381	ug/L	82
65) 1,2-Dichlorobenzene	11.85	146	7879	1.119	ug/L #	

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