

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU092519\
Data File : VU034812.D
Acq On : 25 Sep 2019 19:10
Operator : JC/SP
Sample : K4983-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Sep 26 08:27:56 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 :

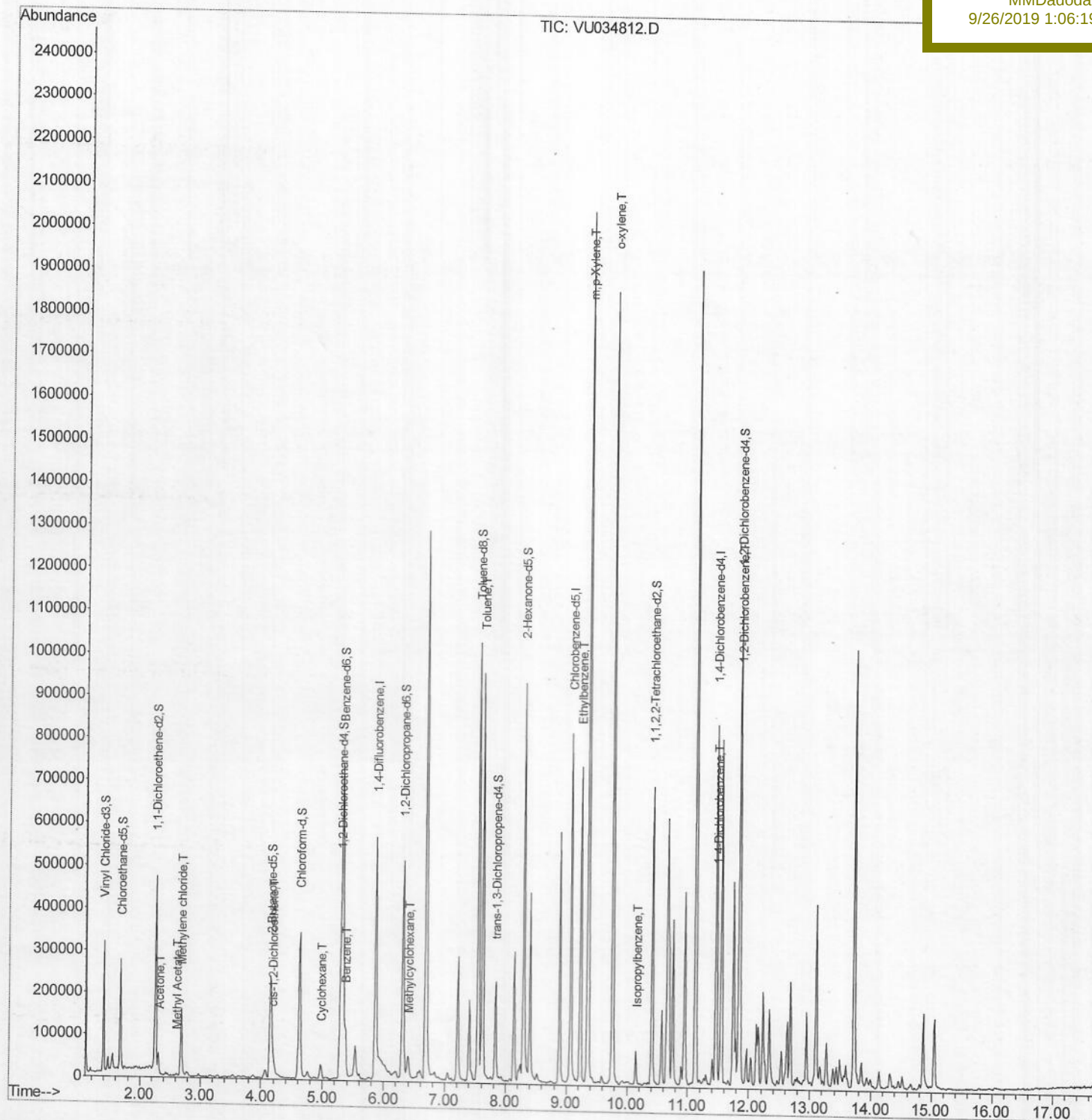
MSVOA_U

ClientSampleId :

BFD1

Manual Integrations
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9/26/2019 1:06:19 PM



SOMULM091919WMA.M Thu Sep 26 08:26:07 2019

Quantitation Report (Qedit)

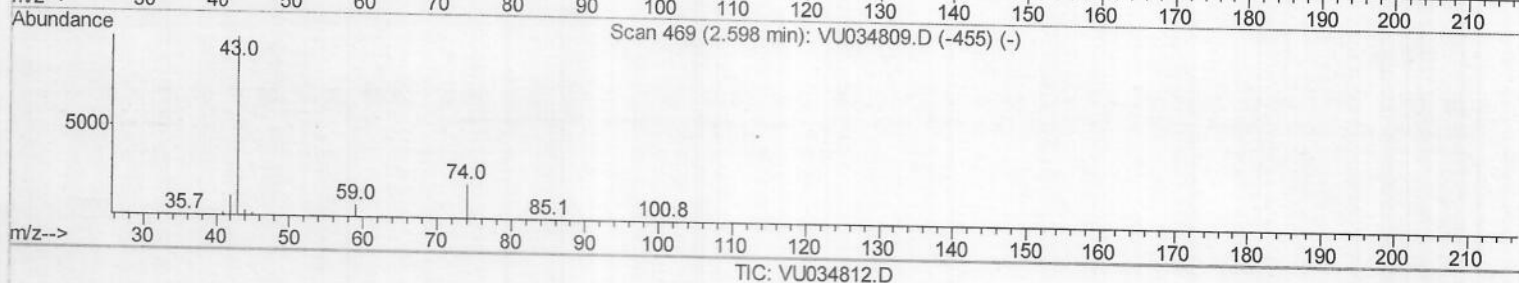
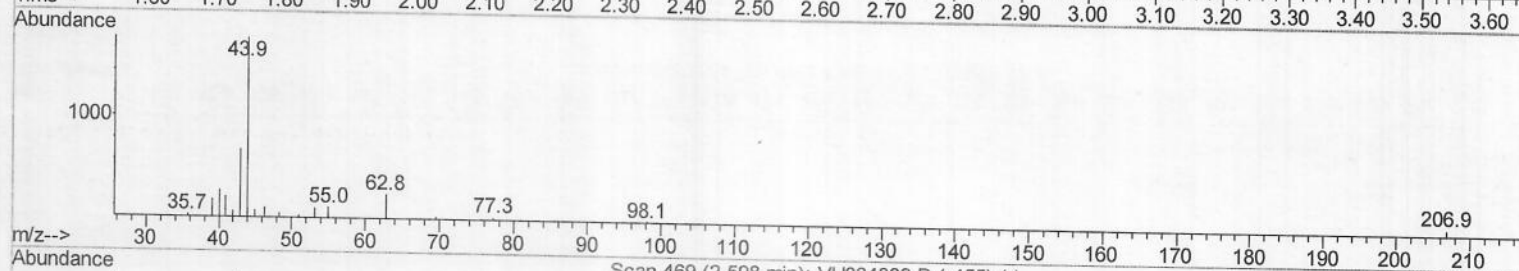
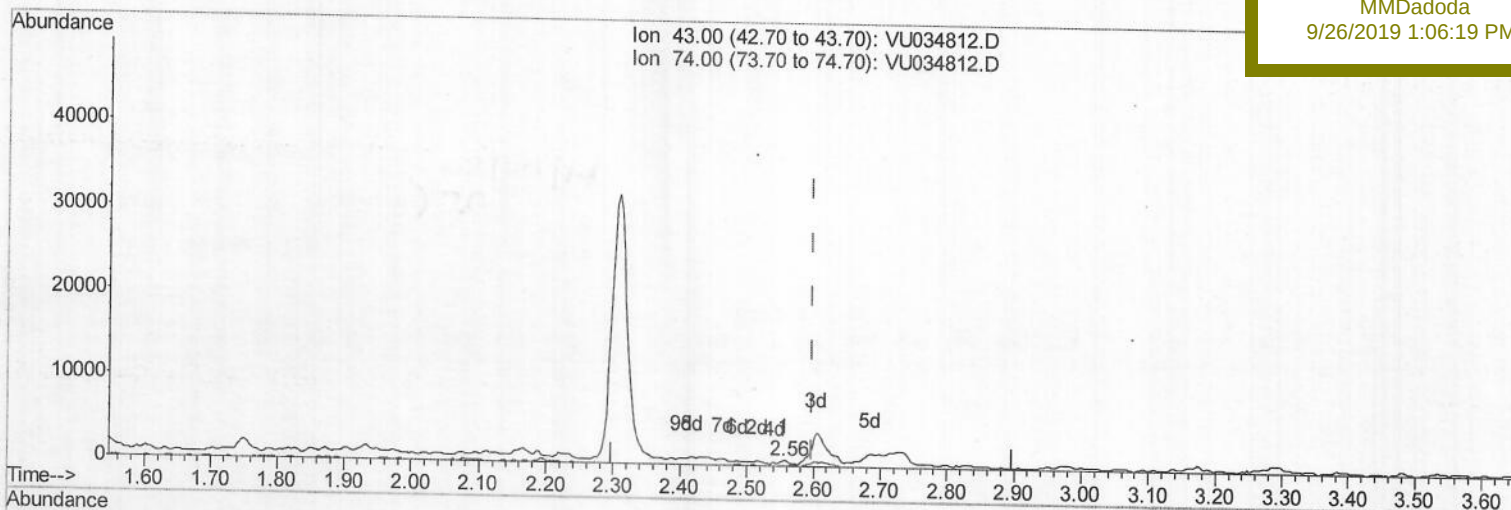
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(15) Methyl Acetate (T)

2.556min (-0.042) 0.08ug/L

response 406

Ion	Exp%	Act%
43.00	100	100
74.00	18.00	17.00
0.00	0.00	0.00
0.00	0.00	0.00

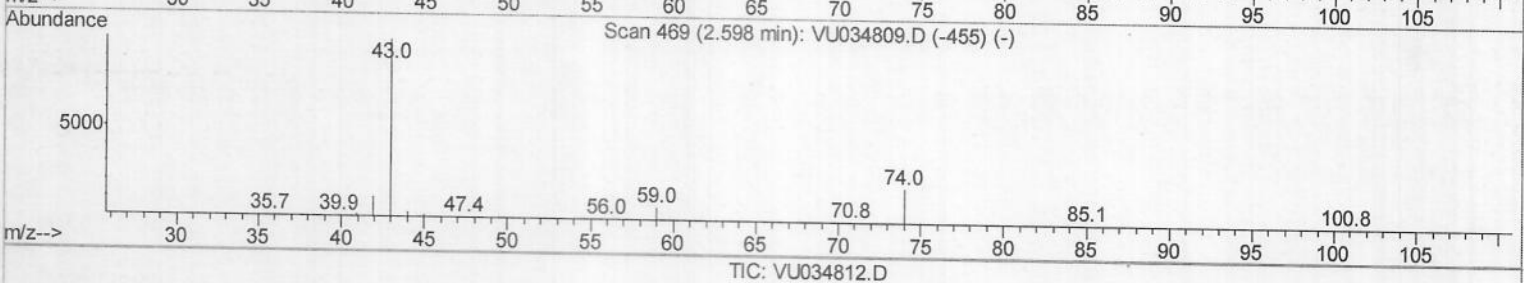
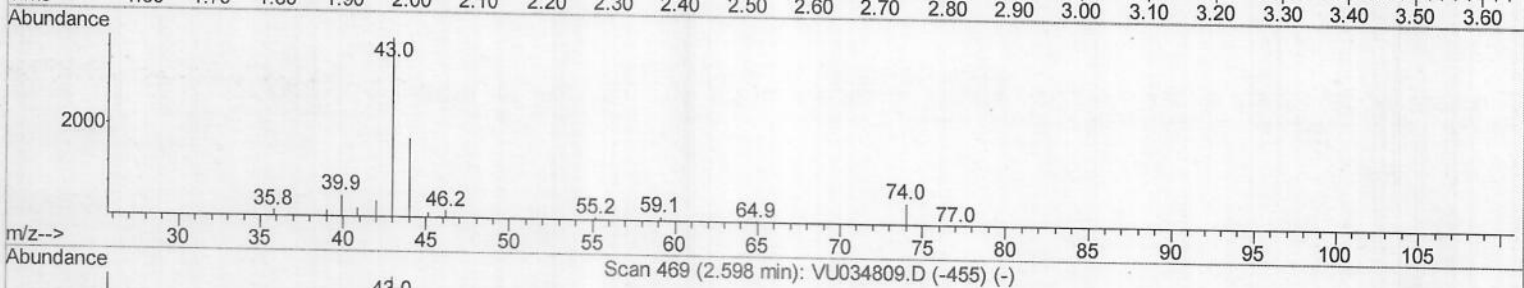
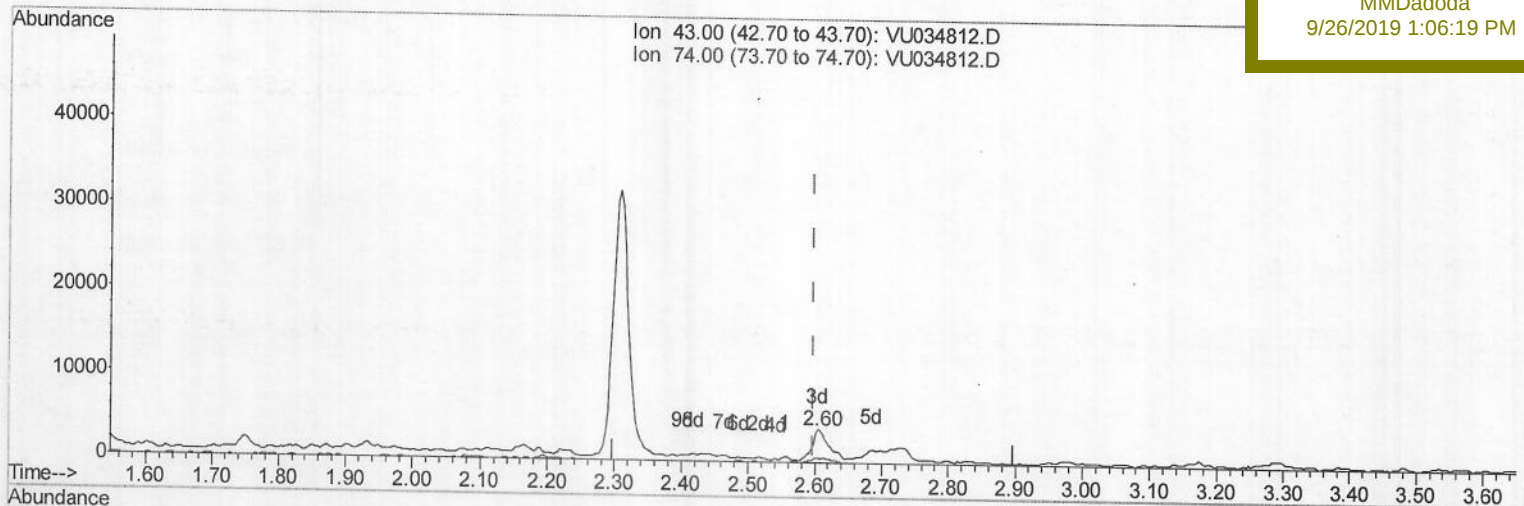
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Manual Integrations
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(15) Methyl Acetate (T)

2.605min (+0.006) 1.24ug/L m

3 MD 09/30/19

response 6631

Ion	Exp%	Act%
43.00	100	100
74.00	18.00	1.04#
0.00	0.00	0.00
0.00	0.00	0.00

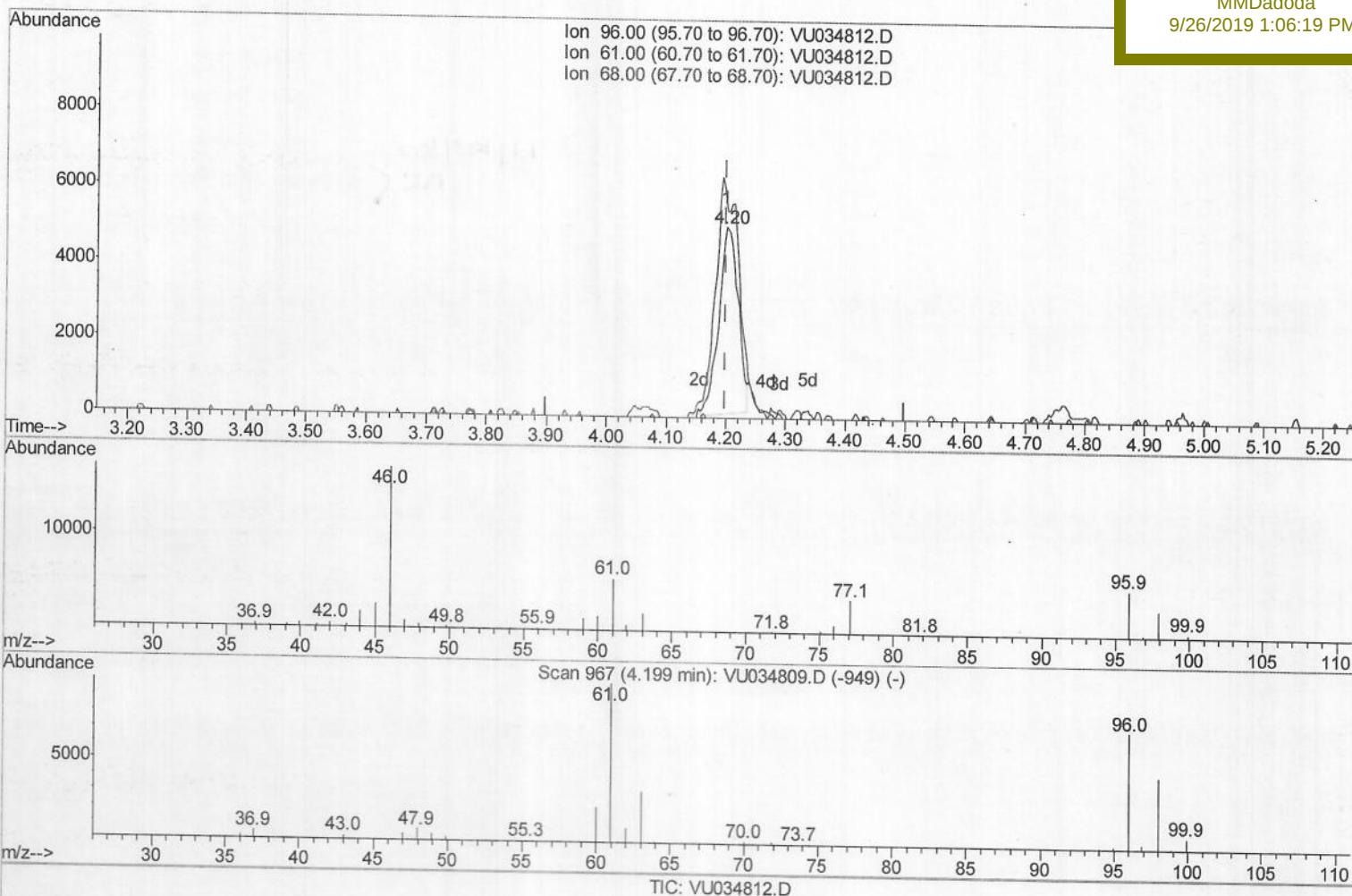
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(20) cis-1,2-Dichloroethene (T)

4.199min (-0.000) 3.02ug/L

response 11090

Ion	Exp%	Act%
96.00	100	100
61.00	155.50	111.93
68.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

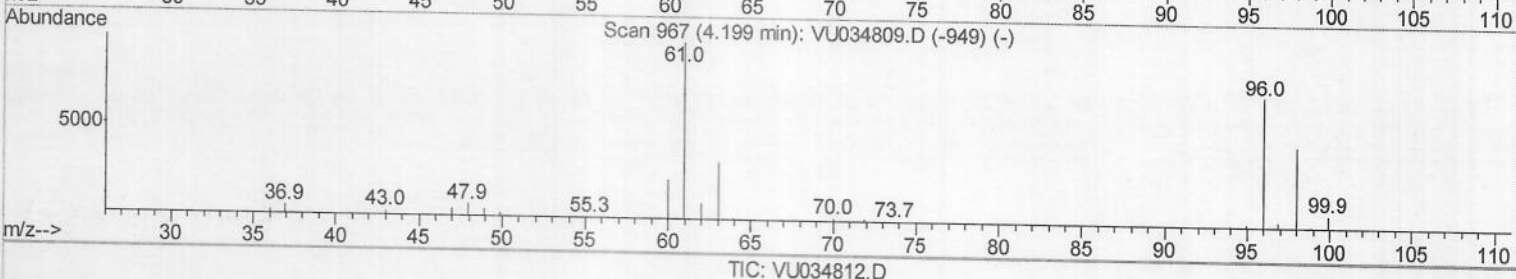
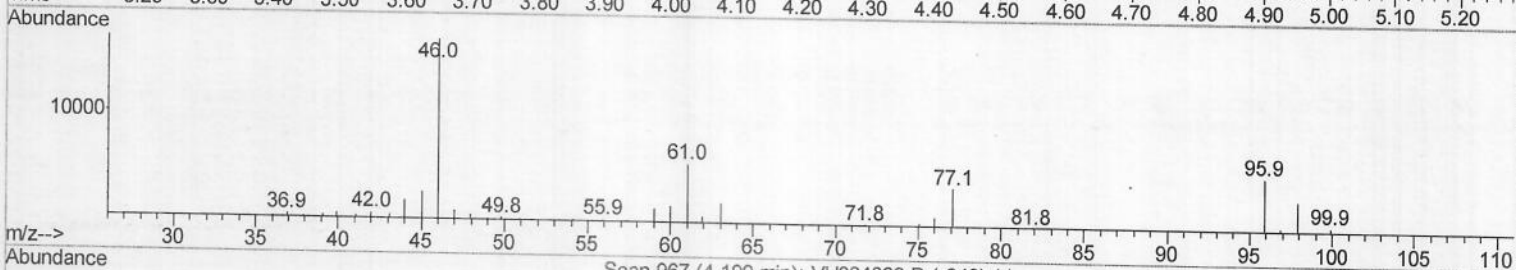
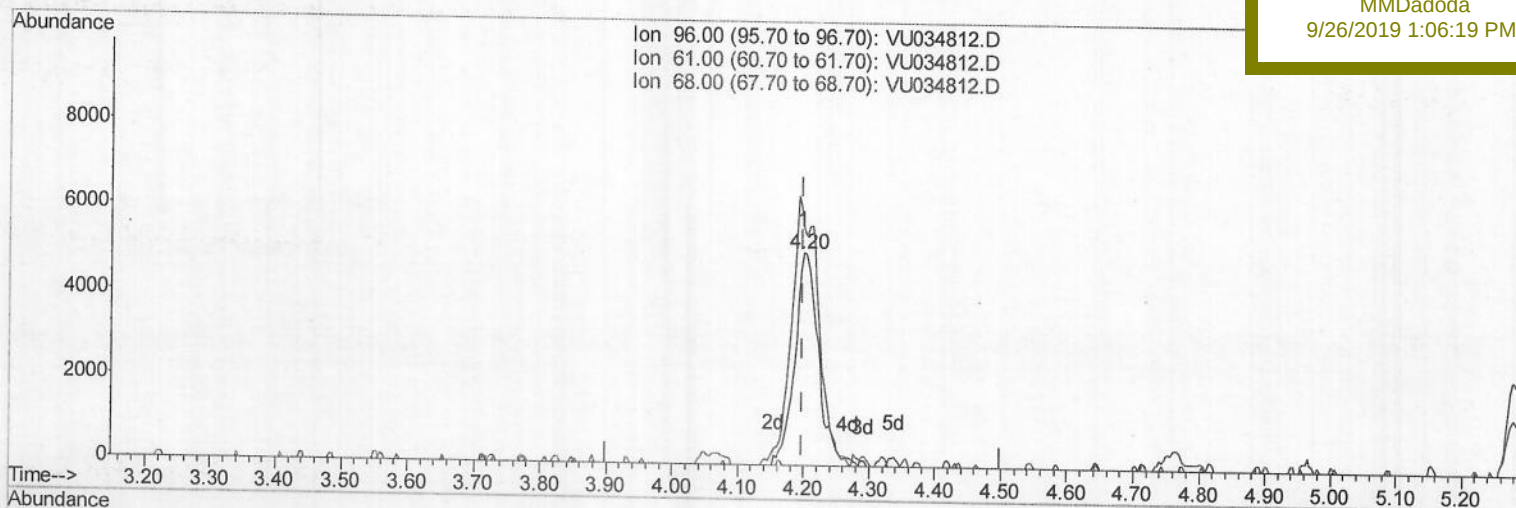
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Manual Integrations
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(20) cis-1,2-Dichloroethene (T)

4.199min (-0.000) 3.45ug/L m 3 MD 09/30/19

response 12668

Ion	Exp%	Act%
96.00	100	100
61.00	155.50	111.93
68.00	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	5.86	114	438398	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	426991	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	204012	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	194690	43.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.76%		
7) Chloroethane-d5	1.67	69	172841	49.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.66%		
11) 1,1-Dichloroethene-d2	2.26	63	264031	34.74	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.48%		
21) 2-Butanone-d5	4.15	46	422448	122.81	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	122.81%		
24) Chloroform-d	4.62	84	331304	50.78	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.56%		
26) 1,2-Dichloroethane-d4	5.29	65	228990	47.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.48%		
32) Benzene-d6	5.32	84	694465	52.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.94%		
36) 1,2-Dichloropropane-d6	6.31	67	245059	52.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.96%		
41) Toluene-d8	7.54	98	659291	52.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	104.72%		
43) trans-1,3-Dichloropropene-	7.83	79	107043	48.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.64%		
47) 2-Hexanone-d5	8.29	63	282433	121.56	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	121.56%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	335732	52.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	104.62%		
64) 1,2-Dichlorobenzene-d4	11.84	152	244606	57.18	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	114.36%		

Target Compounds

					Ovalue
13) Acetone	2.31	43	50894	12.720 ug/L	89
15) Methyl Acetate	2.60	43	6631m	1.241 ug/L	
16) Methylene chloride	2.68	84	61957	17.053 ug/L	97
20) cis-1,2-Dichloroethene	4.20	96	12668m	3.455 ug/L	
29) Cyclohexane	4.97	56	16543	2.347 ug/L	90
33) Benzene	5.37	78	104077	7.028 ug/L	100
35) Methylcyclohexane	6.40	83	16481	2.655 ug/L	98
42) Toluene	7.61	91	672617	42.027 ug/L	98
52) Ethylbenzene	9.23	91	504200	27.976 ug/L	97
53) m,p-Xylene	9.35	106	550464	86.233 ug/L	96
54) o-xylene	9.76	106	453298	71.795 ug/L	97
56) Isopropylbenzene	10.14	105	47546	2.793 ug/L	97
63) 1,4-Dichlorobenzene	11.48	146	6088	0.846 ug/L	95
65) 1,2-Dichlorobenzene	11.85	146	41542	5.819 ug/L	94

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

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