

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080218\

Data File : VU025809.D

Acq On : 02 Aug 2018 21:59

Operator : MD/SY

Sample : J4265-13

Misc : 5.0mL/MSVOA U/WATER

ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 03 06:41:25 2018

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M

Quant Title : VOC Analysis

QLast Update : Fri Aug 03 05:43:06 2018

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

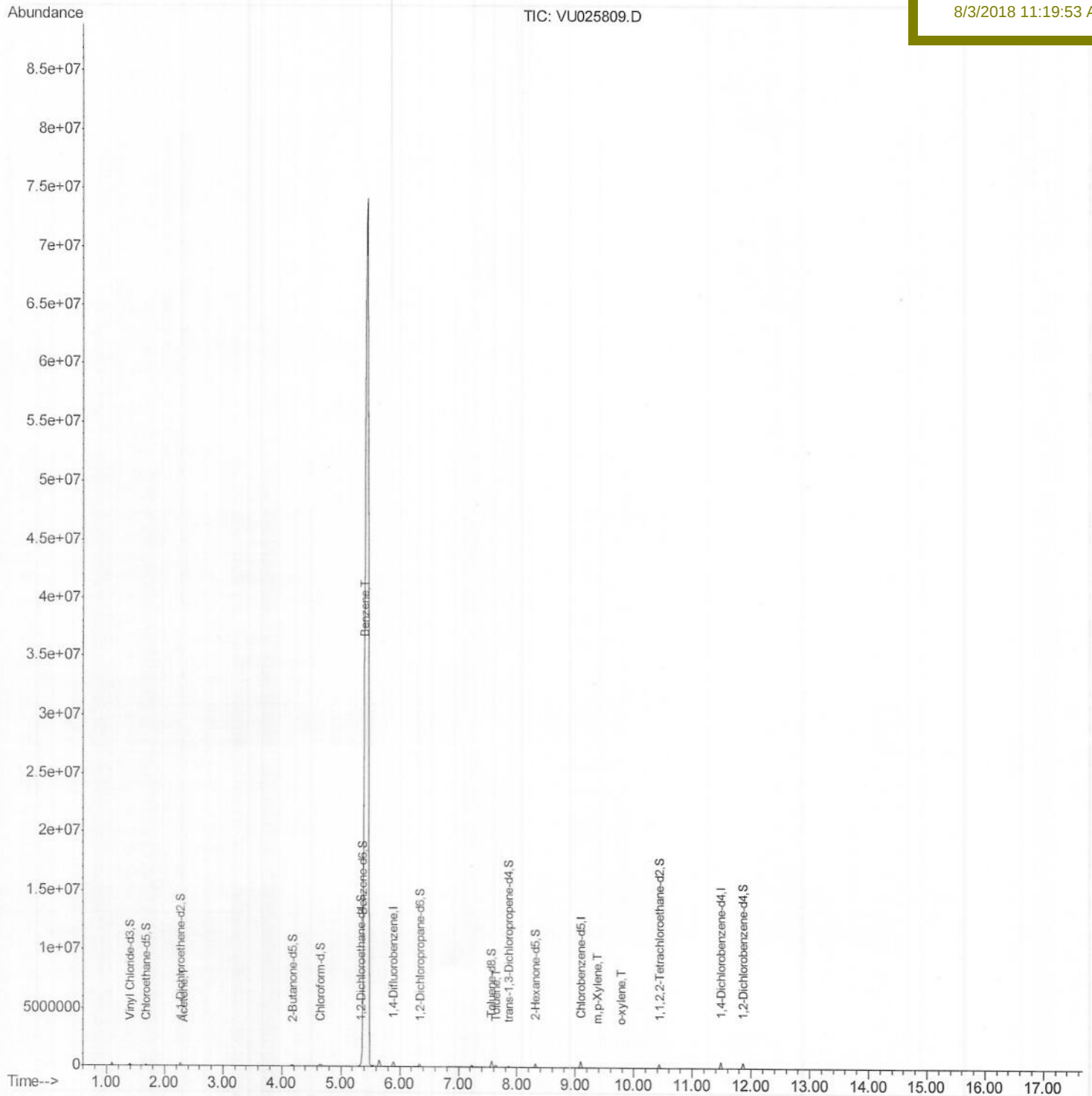
C0AB5

Manual Integrations

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sam

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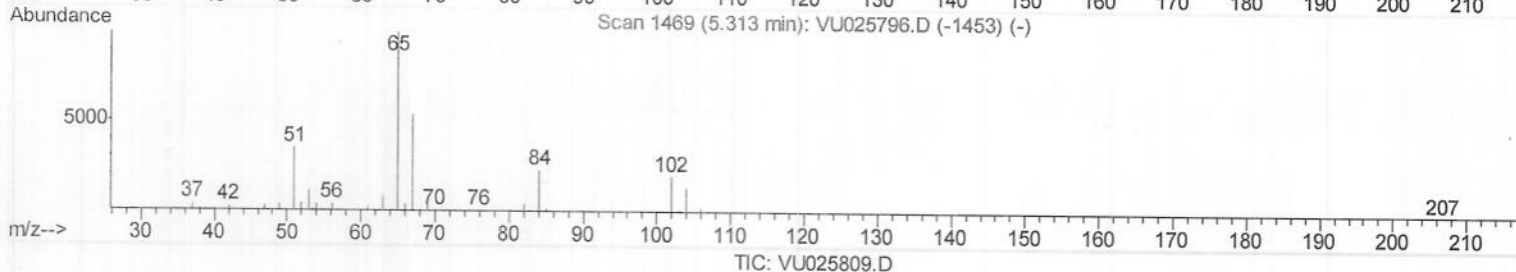
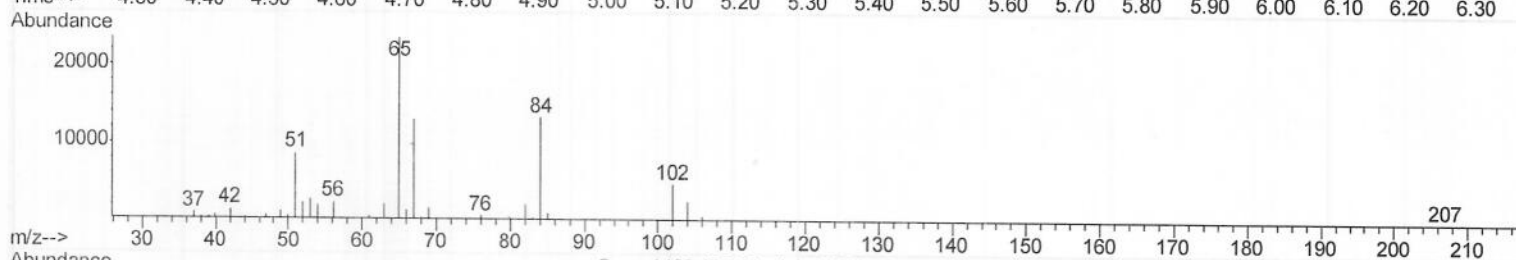
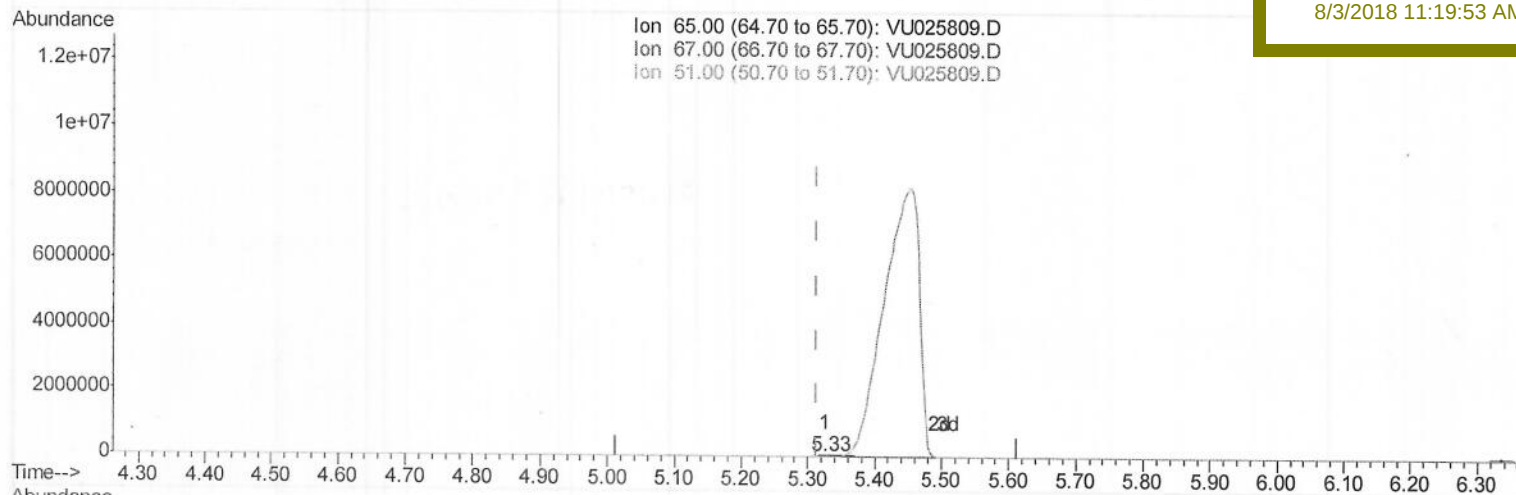
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(26) 1,2-Dichloroethane-d4 (S)

5.326min (+0.013) 13.96ug/L

response 40077

Ion	Exp%	Act%
65.00	100	100
67.00	52.40	160.34#
51.00	34.10	0.00#
0.00	0.00	0.00

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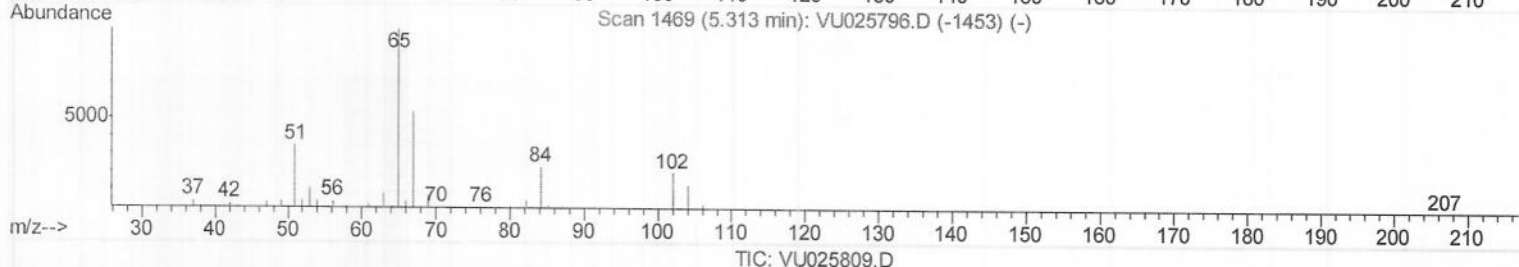
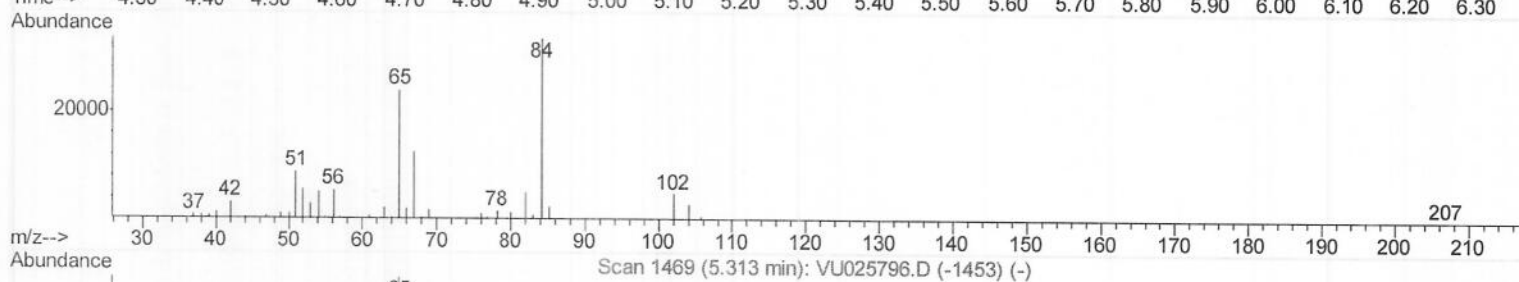
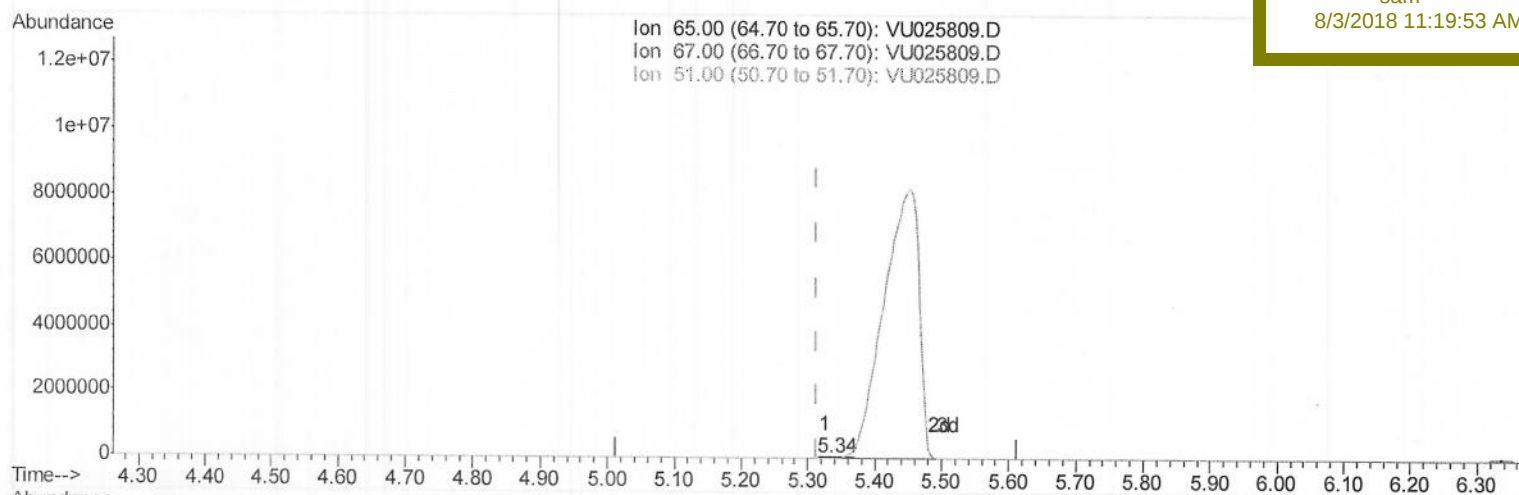
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(26) 1,2-Dichloroethane-d4 (S)

5.336min (+0.023) 24.75ug/L m) MD 08/08/18

response 71063

Ion	Exp%	Act%
65.00	100	100
67.00	52.40	90.42#
51.00	34.10	0.00#
0.00	0.00	0.00

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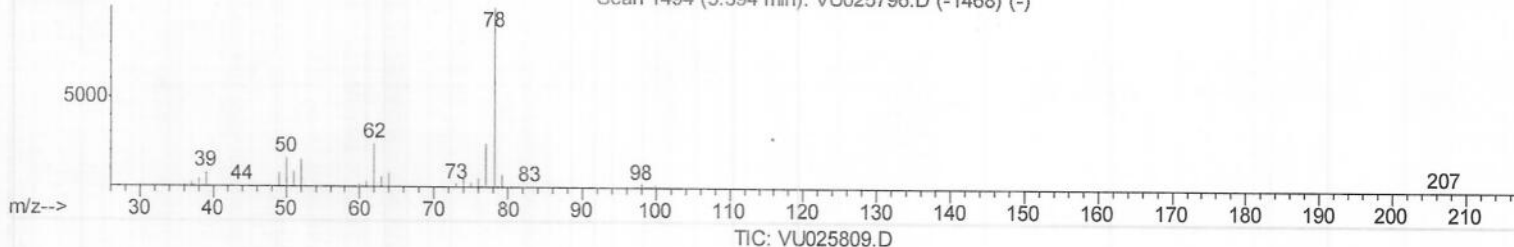
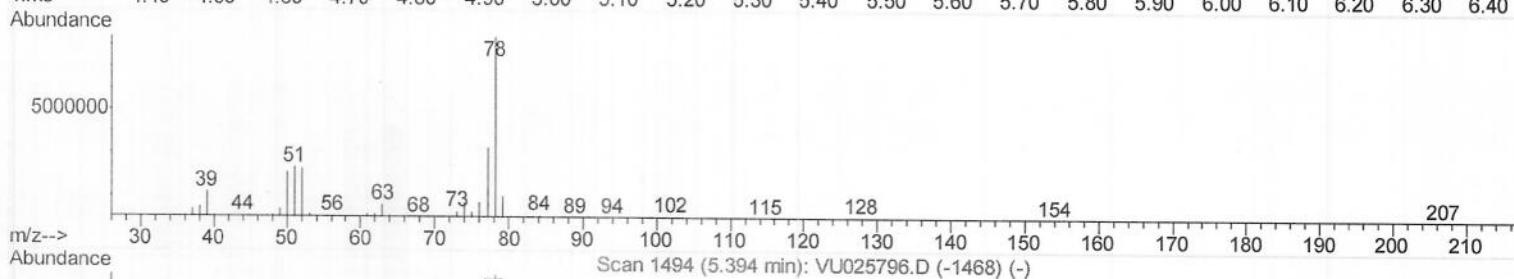
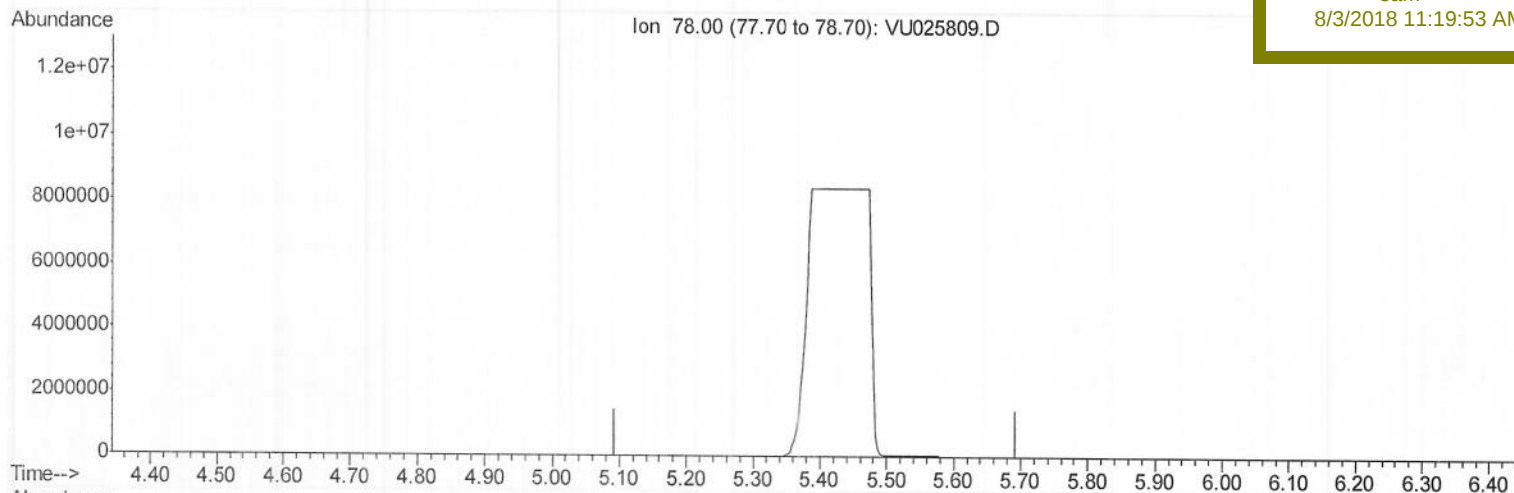
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(33) Benzene (T)

5.394min (-5.394) 0.00ug/L

response 0

Ion	Exp%	Act%
78.00	100	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

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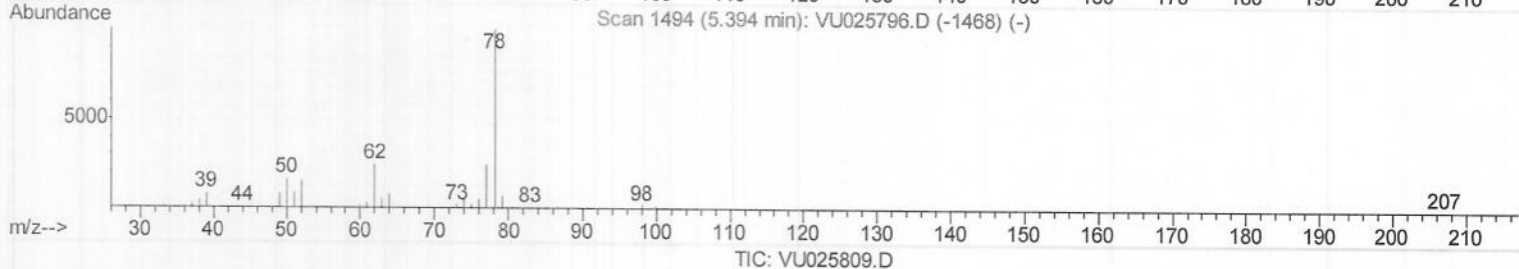
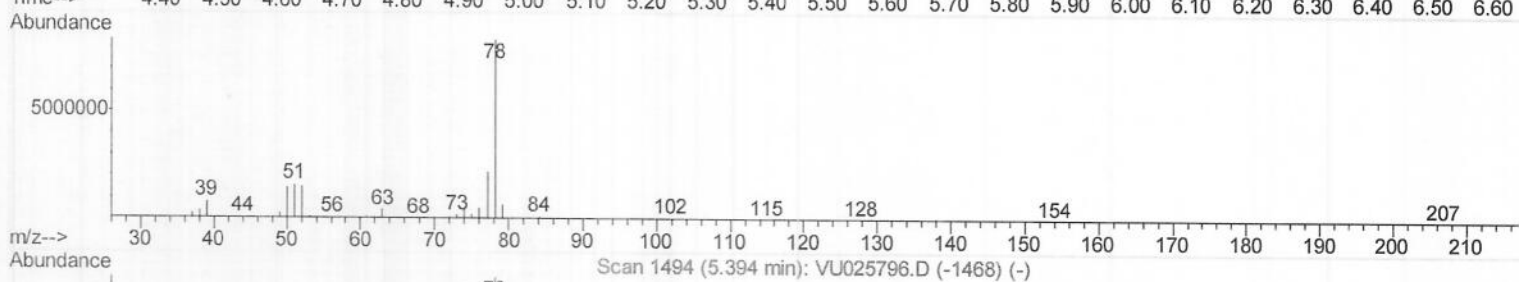
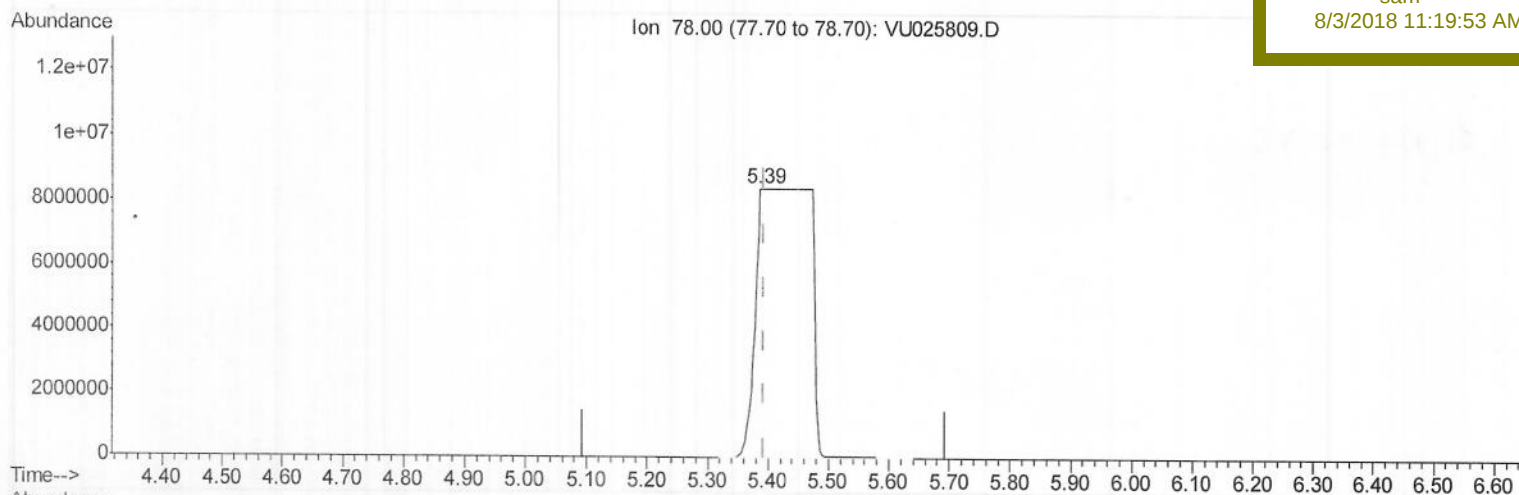
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sam

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(33) Benzene (T)

5.387min (-0.006) 5875.57ug/L m) MD 08/08/18

response 51757486

Ion	Exp%	Act%
78.00	100	100
0.00	0.00	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	5.89	114	341408	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	306579	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	152787	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79002	40.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.06%		
7) Chloroethane-d5	1.68	69	64312	40.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.00%		
11) 1,1-Dichloroethene-d2	2.27	63	129412	31.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.78%		
21) 2-Butanone-d5	4.18	46	145510	96.70	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.70%		
24) Chloroform-d	4.65	84	170281	39.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.44%		
26) 1,2-Dichloroethane-d4	5.34	65	71063m)	24.75	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery =	49.50%#		
32) Benzene-d6	5.37	84	353899	45.01	ug/L	0.03
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.02%		
36) 1,2-Dichloropropane-d6	6.34	67	112344	44.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.68%		
41) Toluene-d8	7.57	98	337906	44.81	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.62%		
43) trans-1,3-Dichloropropene-	7.85	79	55922	43.21	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.42%		
47) 2-Hexanone-d5	8.31	63	115781	109.14	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.14%		
57) 1,1,2,2-Tetrachloroethane-	10.44	84	152862	43.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.28%		
64) 1,2-Dichlorobenzene-d4	11.86	152	135461	43.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.50%		

Target Compounds

					Ovalue
13) Acetone	2.32	43	6516	3.69 ug/L	96
33) Benzene	5.39	78	51757486m)	5875.57 ug/L	
42) Toluene	7.64	91	135551	14.27 ug/L	100
53) m,p-Xylene	9.38	106	6638	1.65 ug/L	100
54) o-xylene	9.78	106	5121	1.26 ug/L	90

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