

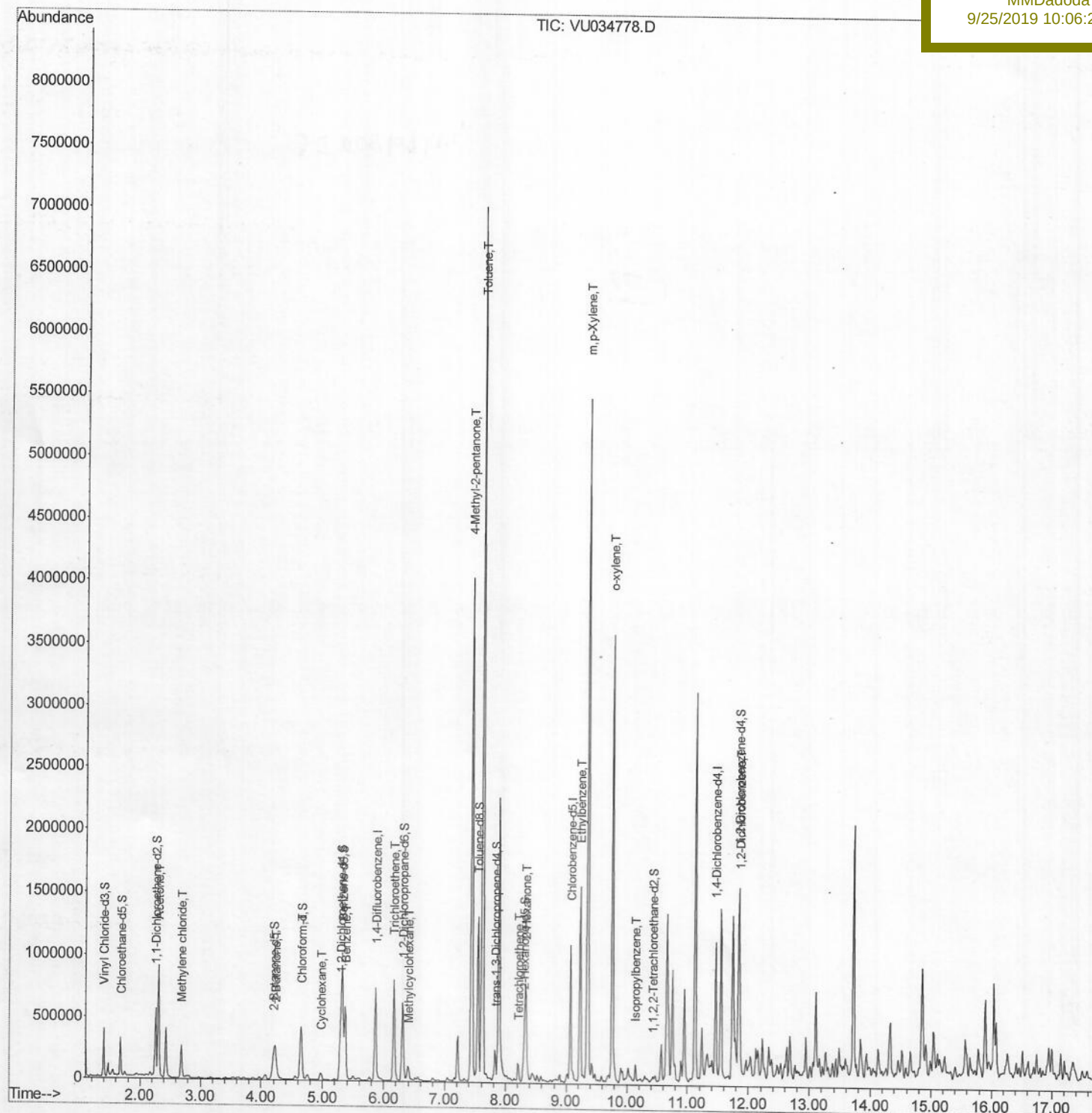
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092419\
Data File : VU034778.D
Acq On : 24 Sep 2019 17:59
Operator : JC/SP
Sample : K4932-04RE
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 25 05:38:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
Client Sampled :
BFDG6RE

Manual Integrations
APPROVED

MMDadoda
9/25/2019 10:06:23 AM



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Quantitation Report (Qedit)

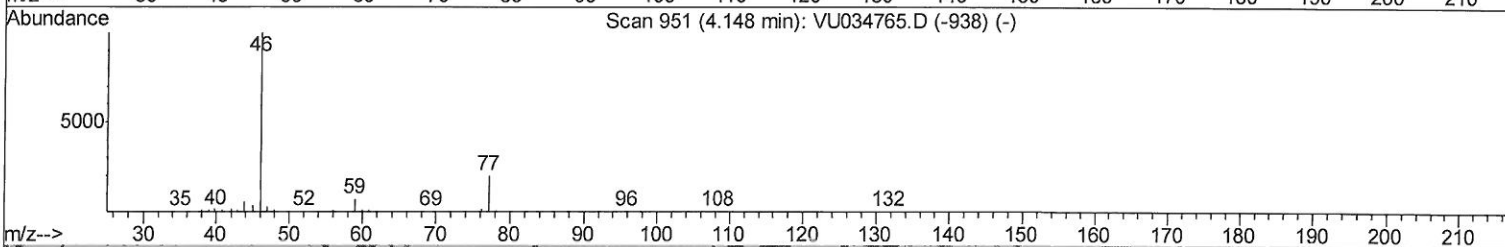
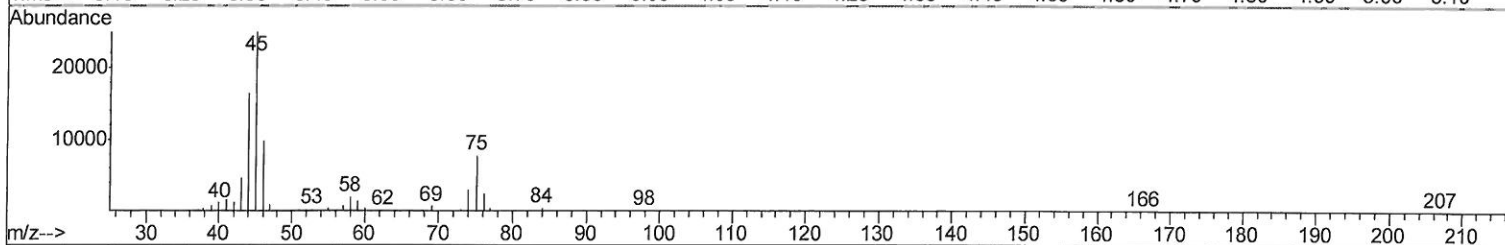
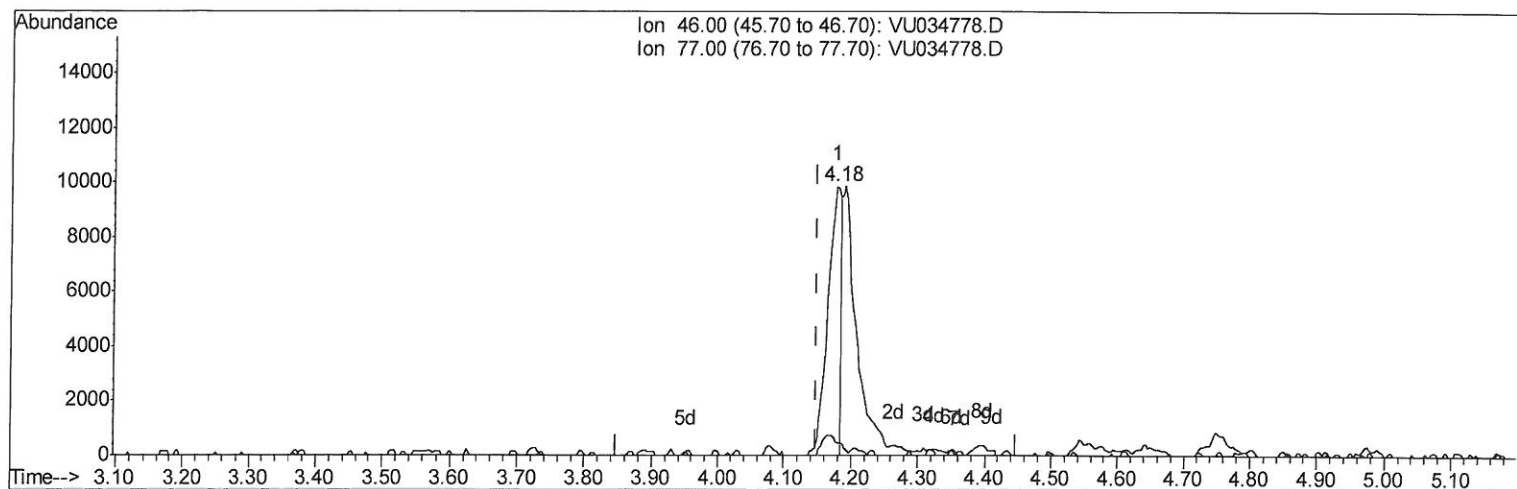
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TIC: VU034778.D

(21) 2-Butanone-d5 (S)

4.177min (+0.029) 2.80ug/L

response 13574

Ion	Exp%	Act%
46.00	100	100
77.00	19.50	9.75#
0.00	0.00	0.00
0.00	0.00	0.00

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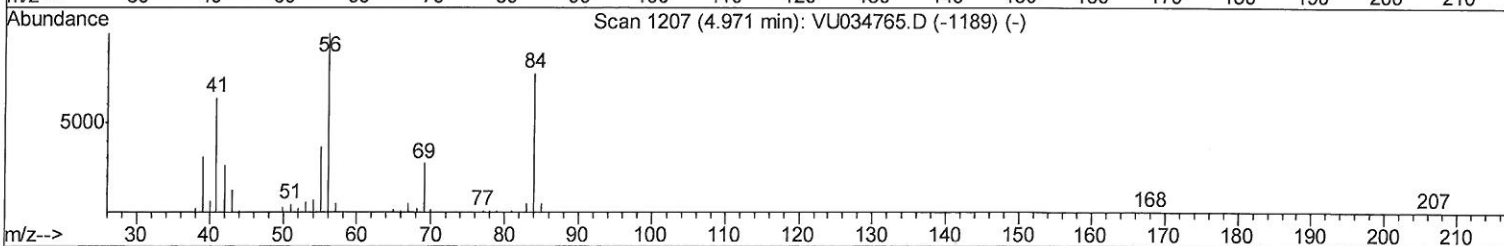
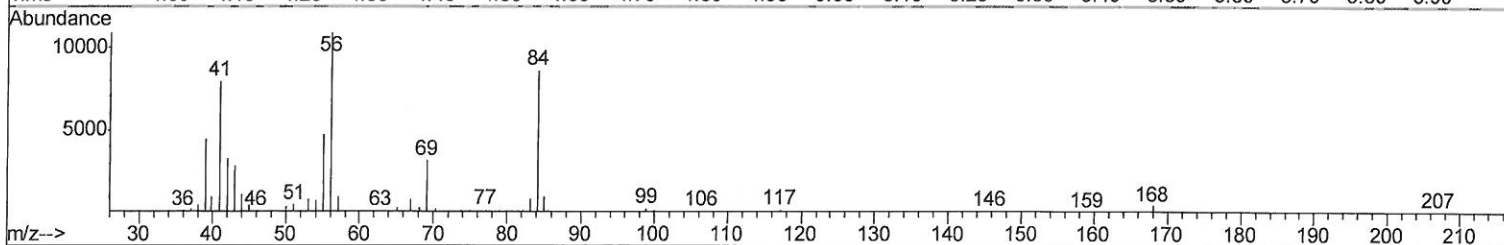
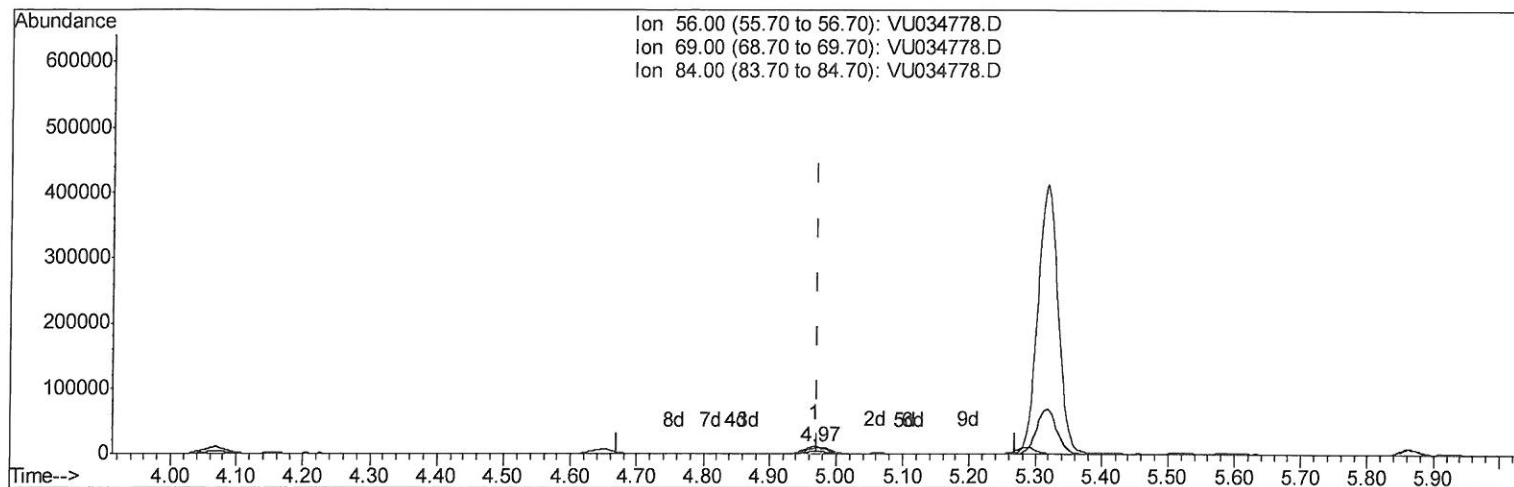
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TIC: VU034778.D

(29) Cyclohexane (T)

4.968min (-0.003) 2.04ug/L

response 19187

Ion	Exp%	Act%
56.00	100	100
69.00	27.10	42.04#
84.00	73.50	112.02#
0.00	0.00	0.00

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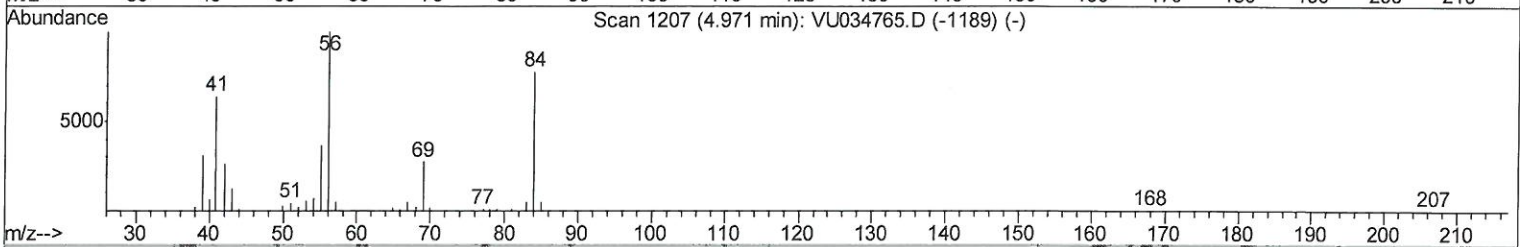
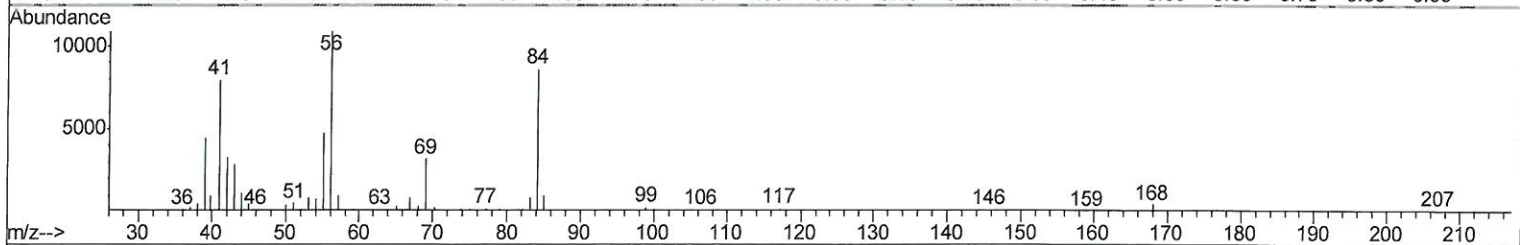
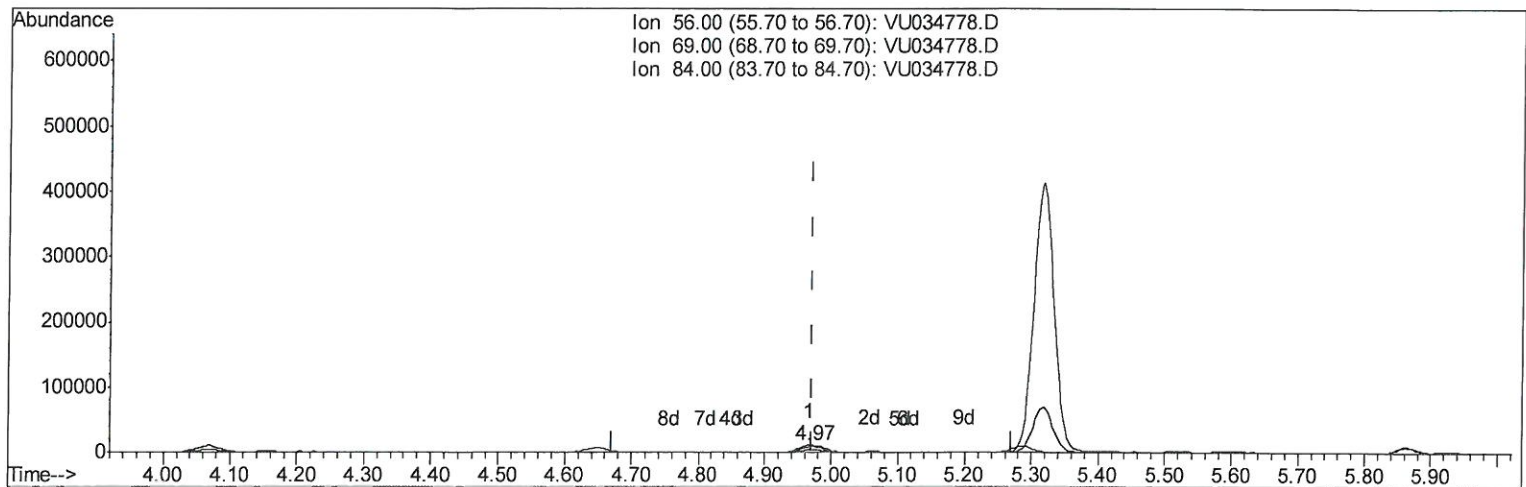
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TIC: VU034778.D

(29) Cyclohexane (T)

4.968min (-0.003) 3.06ug/L m

response 28762

Ion	Exp%	Act%
56.00	100	100
69.00	27.10	28.04
84.00	73.50	74.73
0.00	0.00	0.00

7MB
9/30/19

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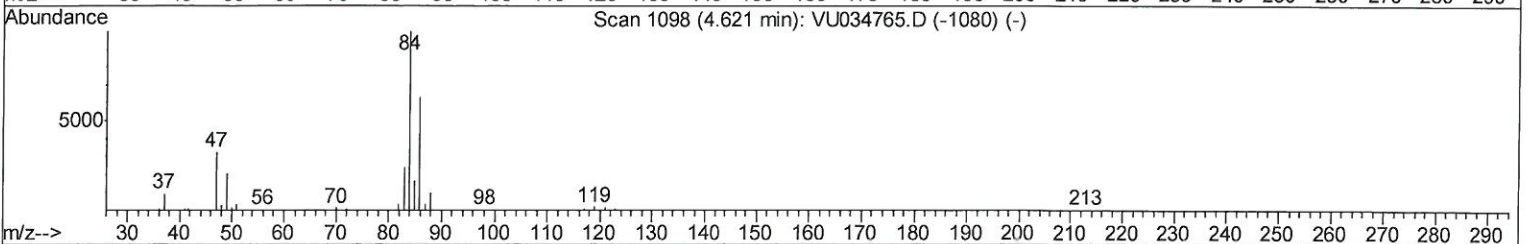
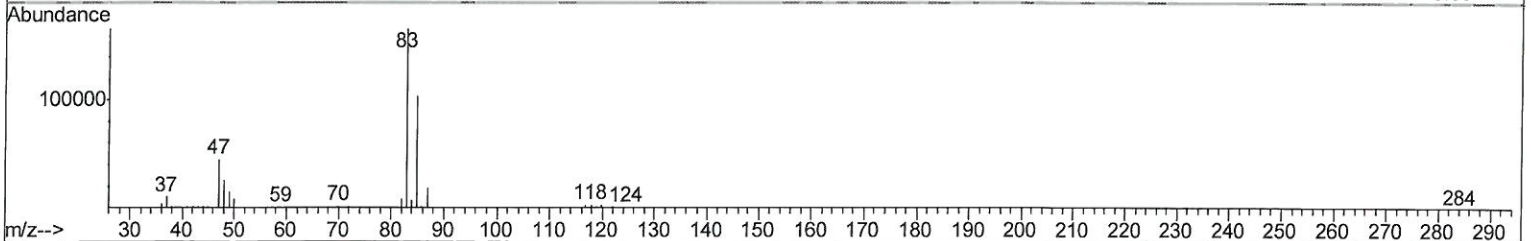
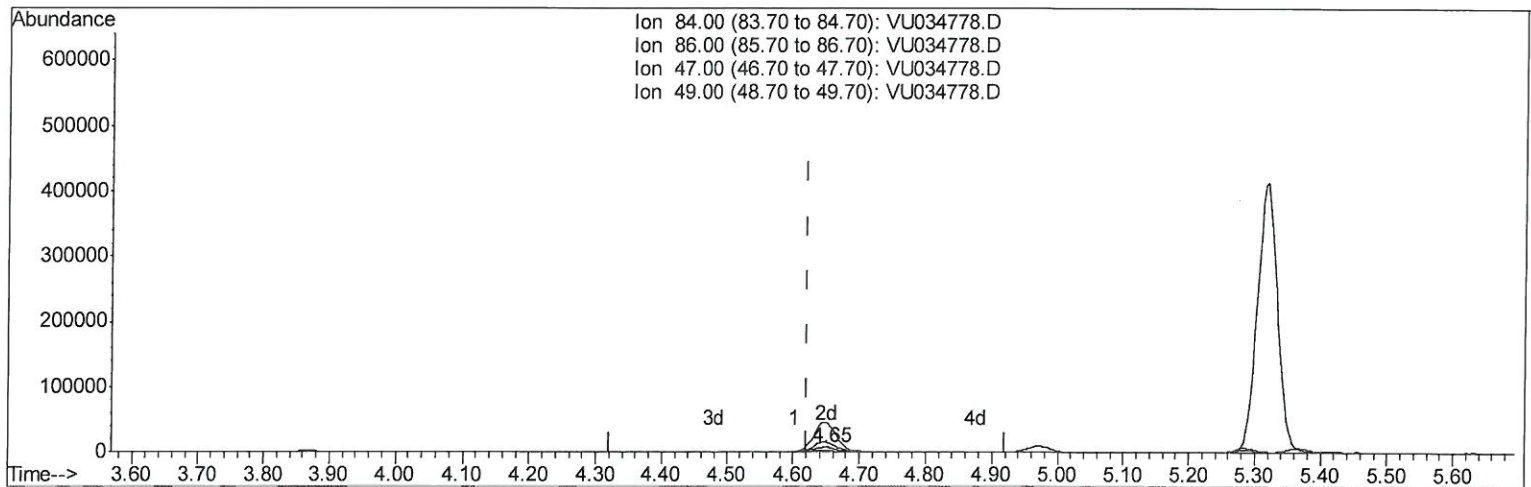
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TIC: VU034778.D

(24) Chloroform-d (S)

4.650min (+0.029) 1.82ug/L m

response 16712

Ion	Exp%	Act%
84.00	100	100
86.00	61.70	3.78#
47.00	58.40	0.33#
49.00	34.10	0.00#

7MD
9/30/19

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Quantitation Report (Qedit)

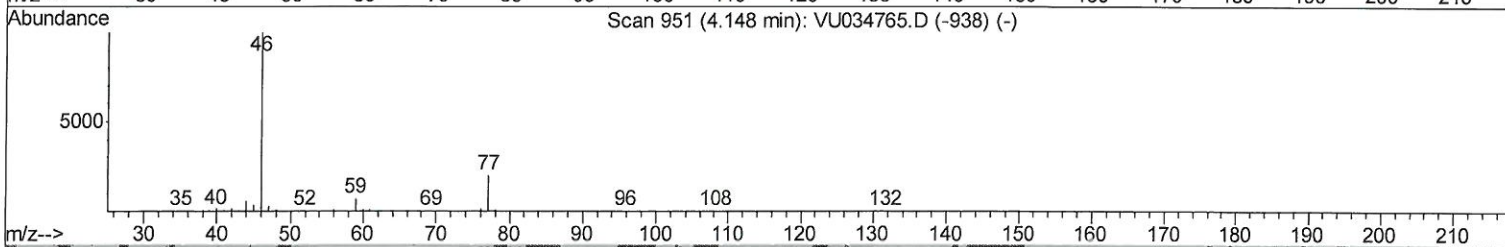
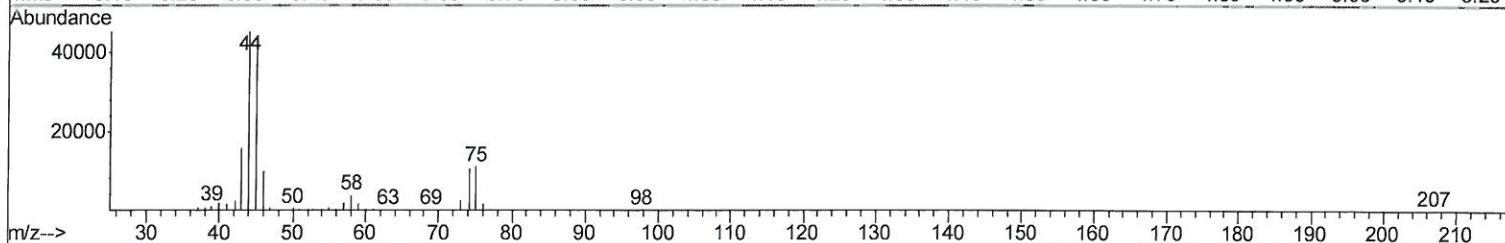
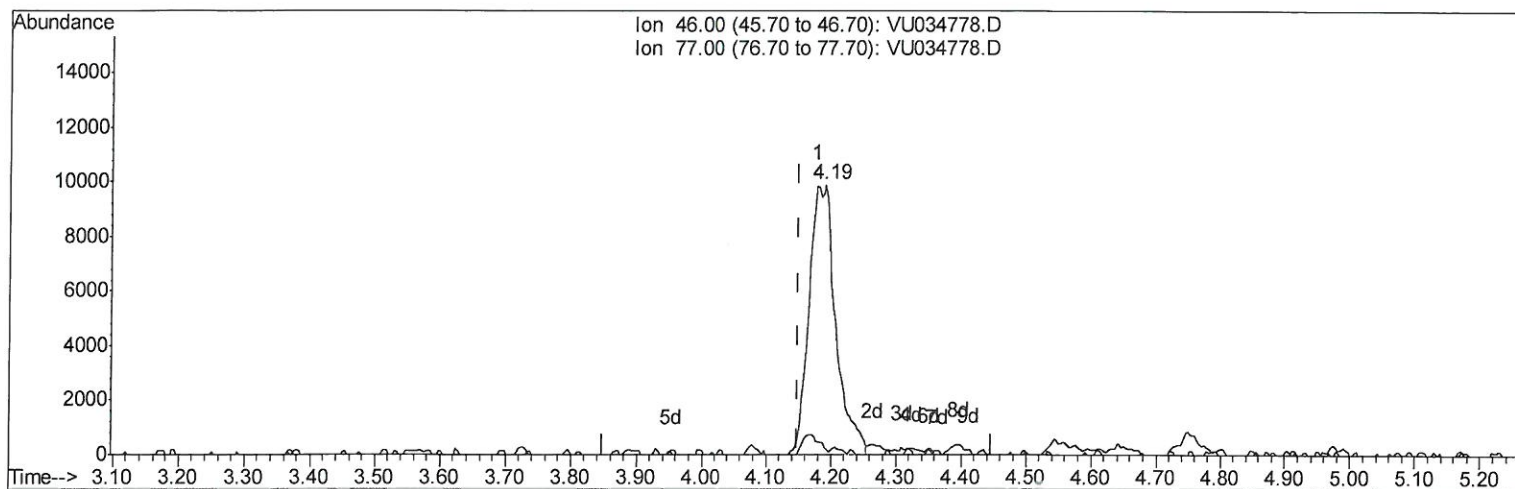
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Instrument :
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Manual Integrations
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TIC: VU034778.D

(21) 2-Butanone-d5 (S)

4.190min (+0.042) 5.85ug/L m

response 28365

Ion	Exp%	Act%
46.00	100	100
77.00	19.50	4.67#
0.00	0.00	0.00
0.00	0.00	0.00

7 MD
9/30/19

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Quantitation Report (Qedit)

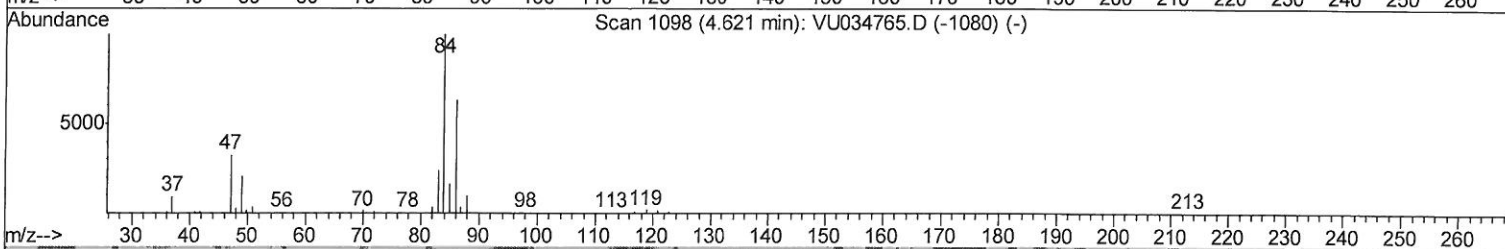
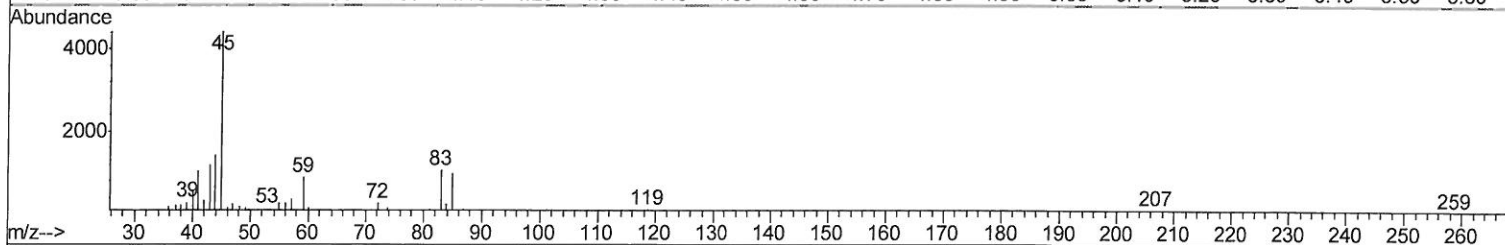
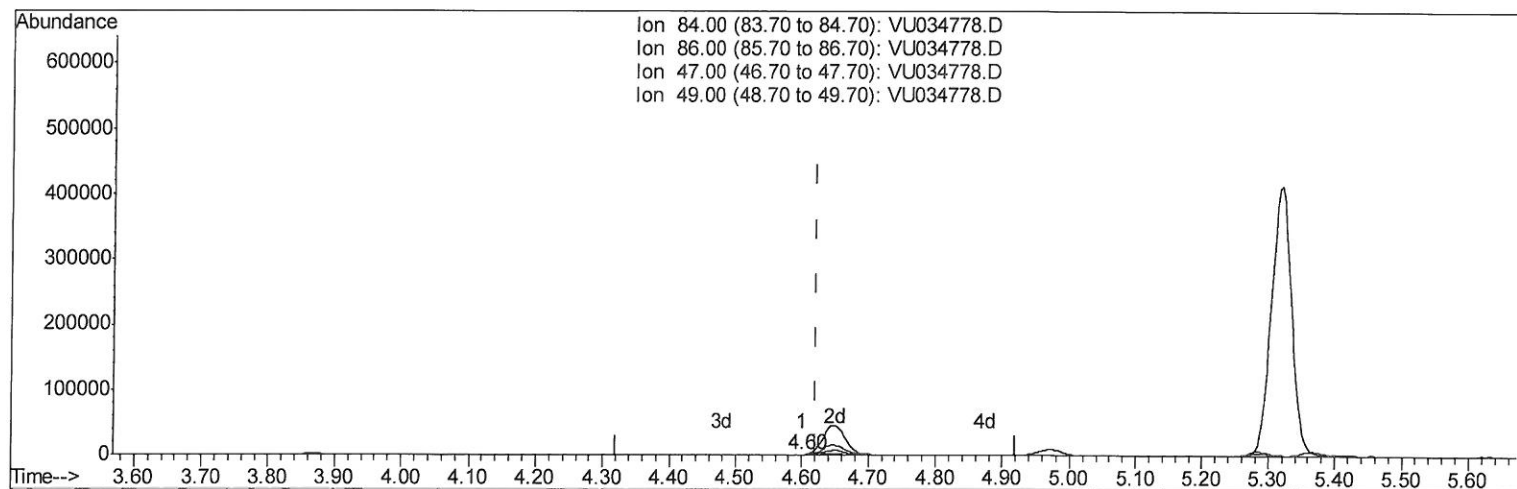
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TIC: VU034778.D

(24) Chloroform-d (S)

4.601min (-0.019) 0.02ug/L

response 190

Ion	Exp%	Act%
84.00	100	100
86.00	61.70	332.11#
47.00	58.40	28.95#
49.00	34.10	0.00#

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092419\
Quantitation Report (Qedit)

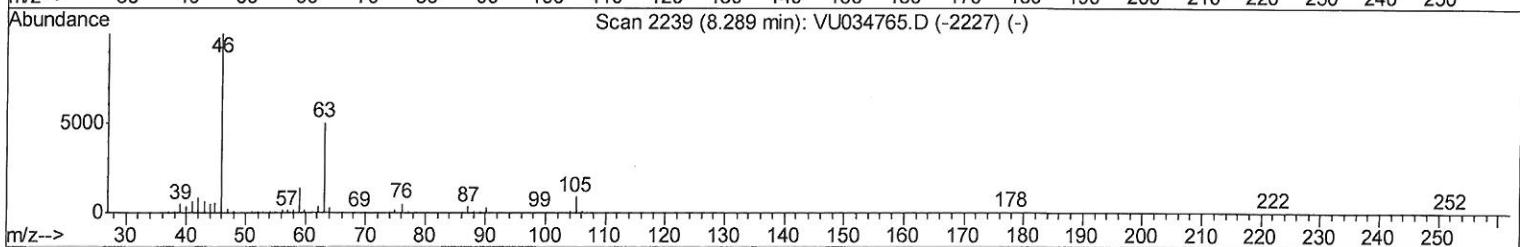
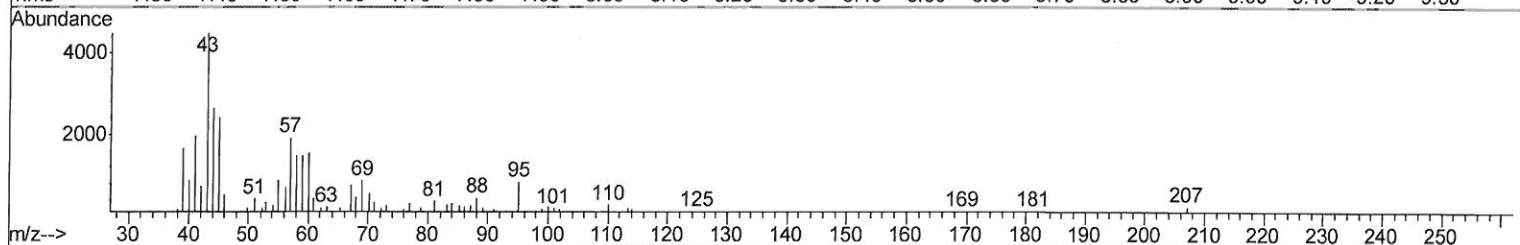
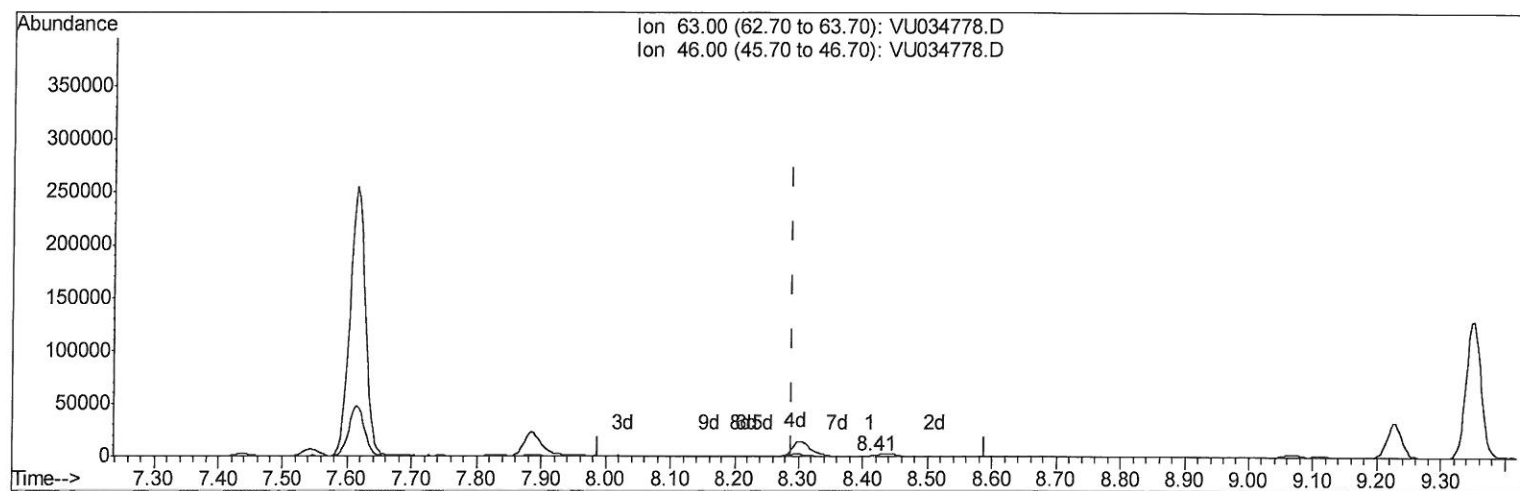
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TIC: VU034778.D

(47) 2-Hexanone-d5 (S)

8.411min (+0.122) 0.04ug/L

response 128

Ion	Exp%	Act%
63.00	100	100
46.00	208.90	150.00
0.00	0.00	0.00
0.00	0.00	0.00

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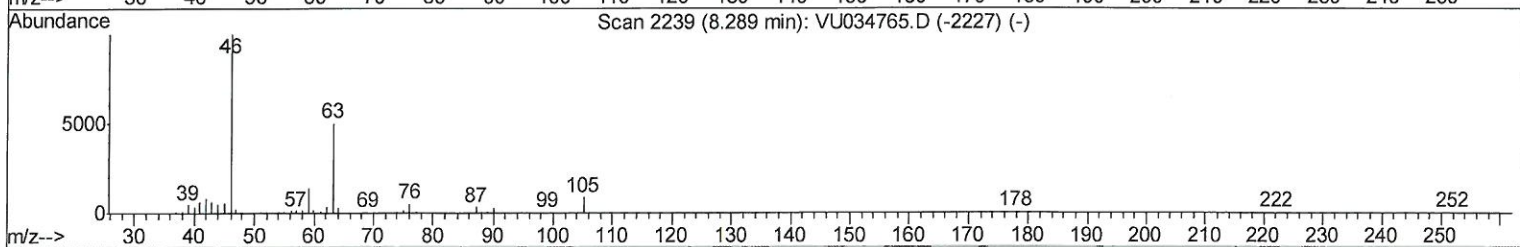
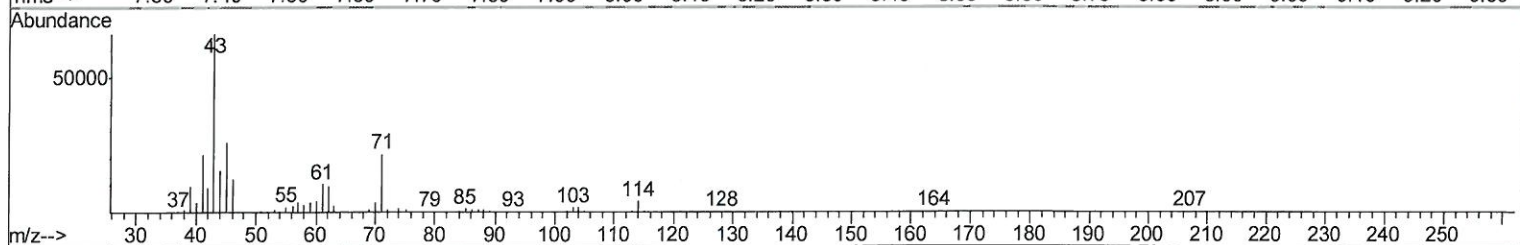
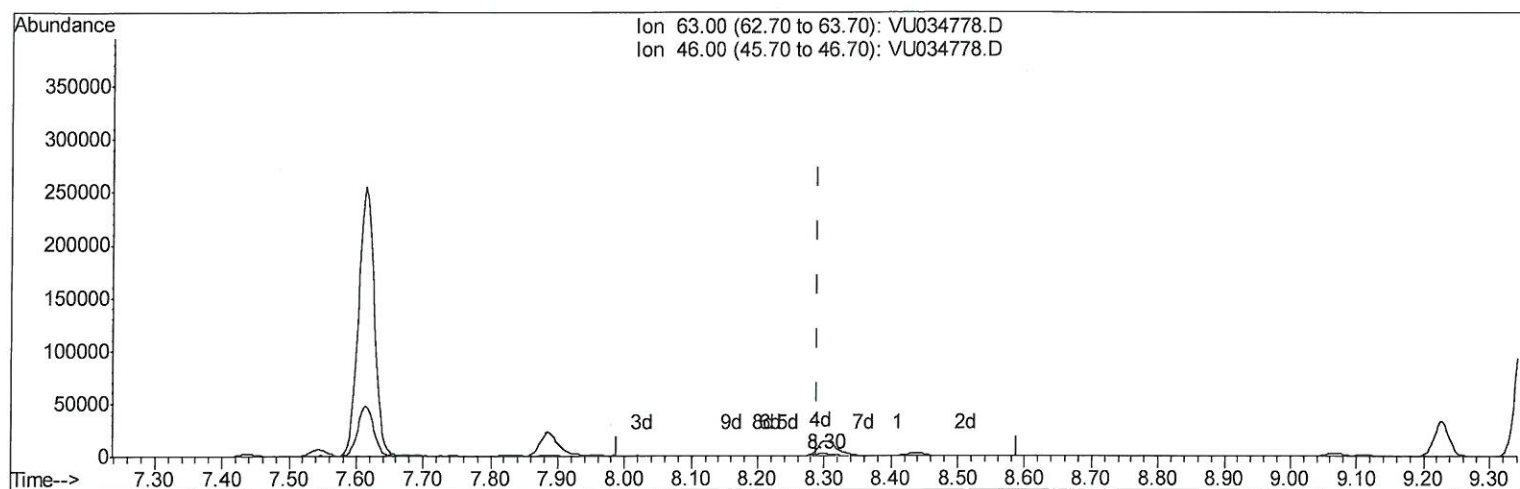
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TIC: VU034778.D

(47) 2-Hexanone-d5 (S)

8.296min (+0.006) 1.37ug/L m

response 4246

Ion	Exp%	Act%
63.00	100	100
46.00	208.90	4.52#
0.00	0.00	0.00
0.00	0.00	0.00

7mQ
9/30/19

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Quantitation Report (Qedit)

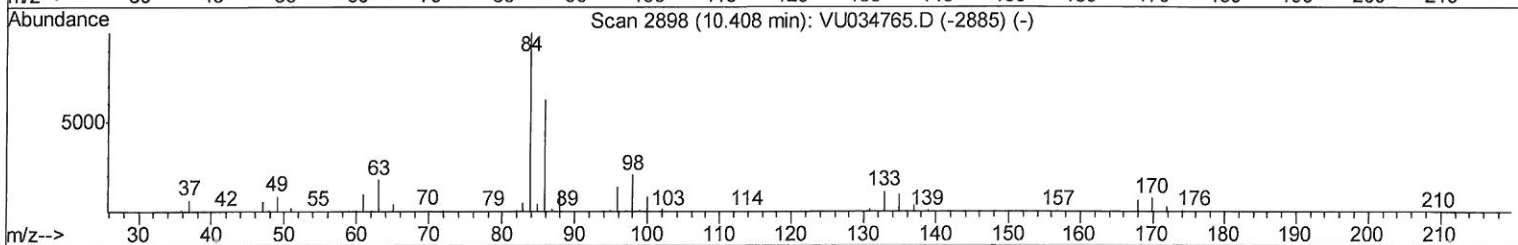
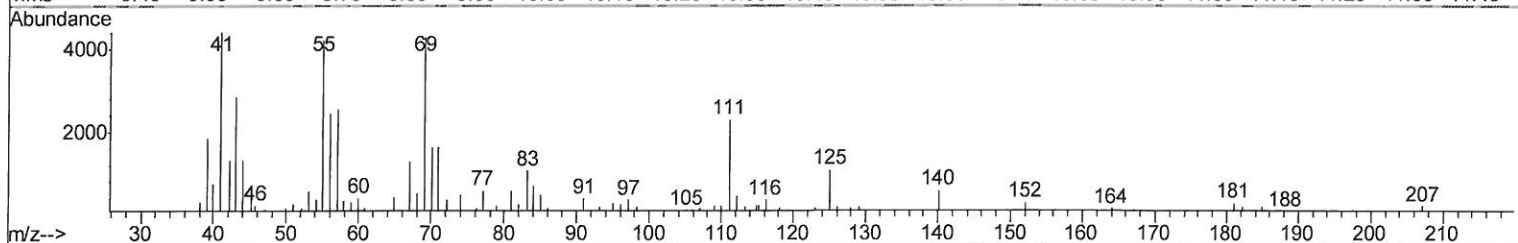
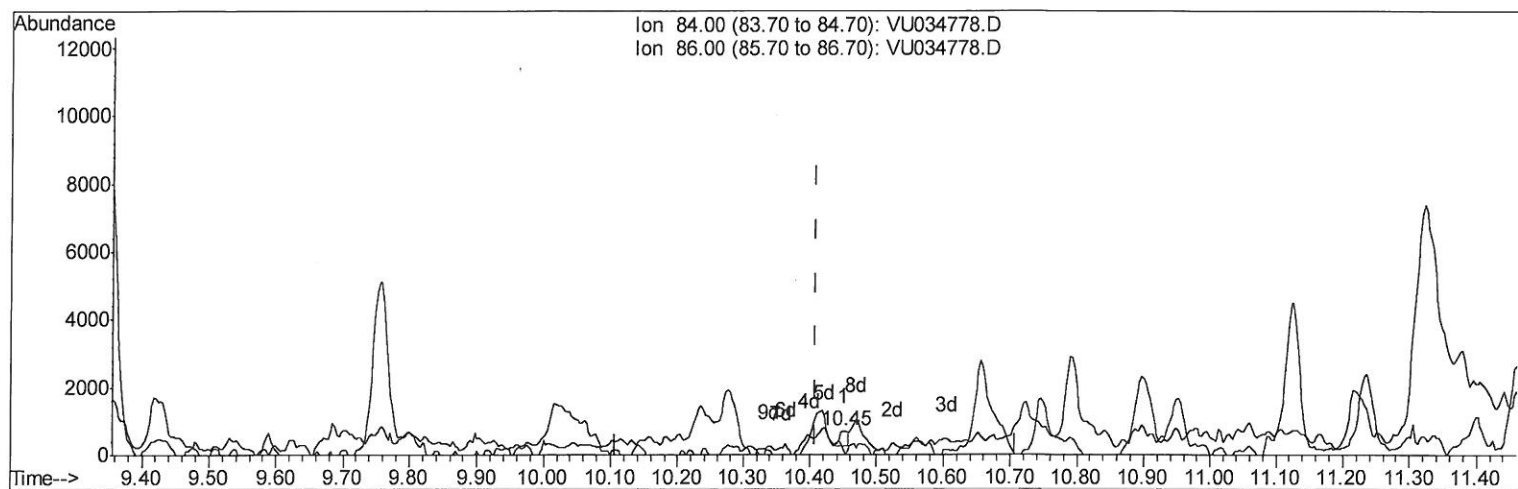
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TIC: VU034778.D

(57) 1,1,2,2-Tetrachloroethane-d2 (S)

10.450min (+0.042) 0.05ug/L

response 395

Ion	Exp%	Act%
84.00	100	100
86.00	61.70	61.01
0.00	0.00	0.00
0.00	0.00	0.00

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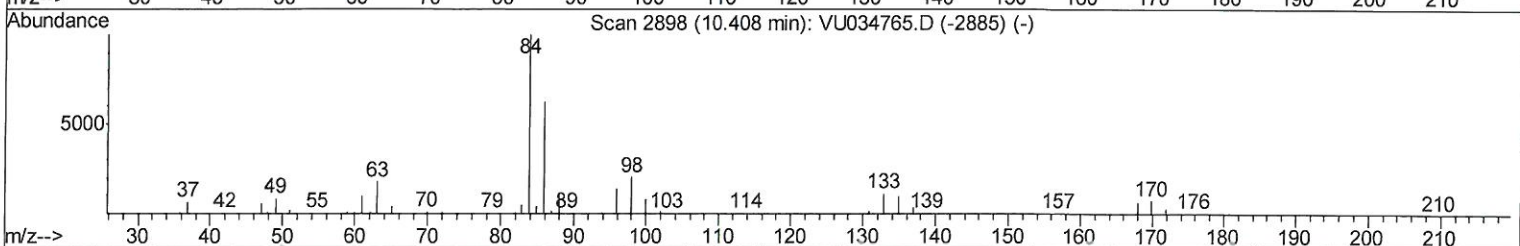
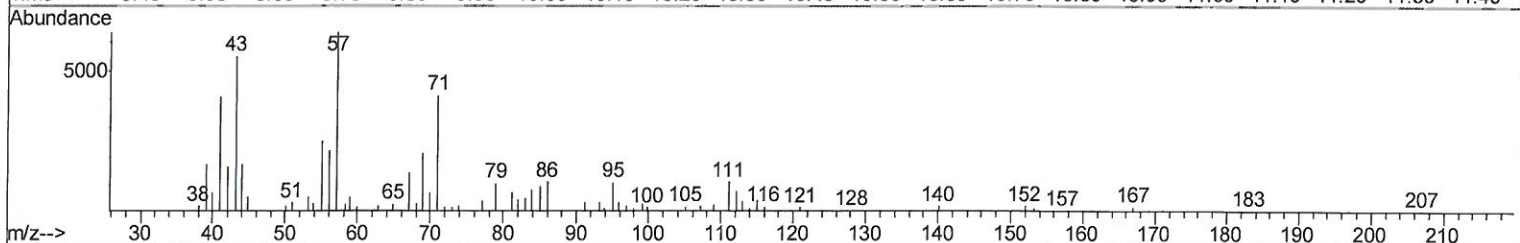
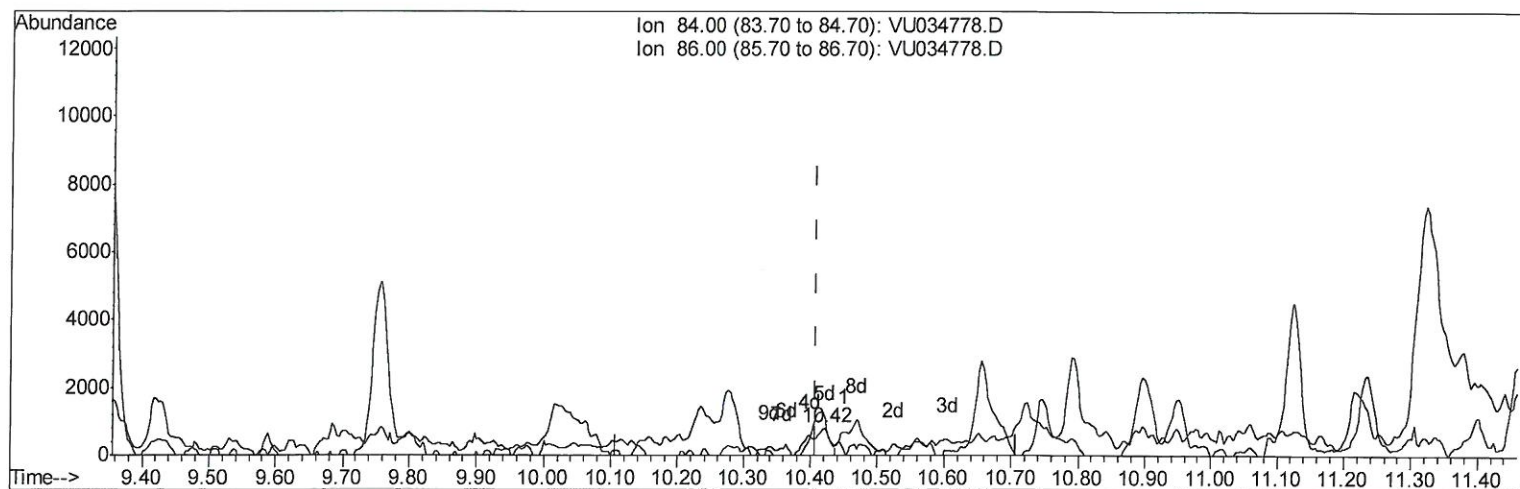
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TIC: VU034778.D

(57) 1,1,2,2-Tetrachloroethane-d2 (S)

10.421min (+0.013) 0.12ug/L m

response 1049

Ion	Exp%	Act%
84.00	100	100
86.00	61.70	22.97#
0.00	0.00	0.00
0.00	0.00	0.00

7m8
9/30/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.86	114	617661	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	568553	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	260758	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	230387	36.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.88%
7) Chloroethane-d5	1.67	69	207191	42.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.26	63	321087	29.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.98%#
21) 2-Butanone-d5	4.19	46	28365m	5.85	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	5.85%#
24) Chloroform-d	4.65	84	16712m	1.82	ug/L	0.03
Spiked Amount	50.000	Range	70 - 125	Recovery	=	3.64%#
26) 1,2-Dichloroethane-d4	5.28	65	285188	42.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.40%
32) Benzene-d6	5.32	84	883442	50.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.26%
36) 1,2-Dichloropropane-d6	6.31	67	304621	49.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.92%
41) Toluene-d8	7.54	98	838144	49.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.98%
43) trans-1,3-Dichloropropene-	7.83	79	133693	45.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.64%
47) 2-Hexanone-d5	8.30	63	4246m	1.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	1.37%#
57) 1,1,2,2-Tetrachloroethane-	10.42	84	1049m	0.12	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	0.24%#
64) 1,2-Dichlorobenzene-d4	11.84	152	285851	52.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.56%

Target Compounds

					Qvalue
13) Acetone	2.31	43	941729	167.052	ug/L 96
16) Methylene chloride	2.68	84	105421	20.594	ug/L 93
22) 2-Butanone	4.23	43	373632	55.711	ug/L 90
25) Chloroform	4.65	83	392522	39.327	ug/L 99
29) Cyclohexane	4.97	56	28762m	3.065	ug/L 100
33) Benzene	5.36	78	555340	28.163	ug/L 92
34) Trichloroethene	6.16	95	272750	56.007	ug/L 98
35) Methylcyclohexane	6.39	83	23887	2.890	ug/L 95
40) 4-Methyl-2-pentanone	7.44	43	2845509	253.843	ug/L 98
42) Toluene	7.61	91	4858646	227.992	ug/L 96
46) Tetrachloroethene	8.21	164	20460	5.973	ug/L 91
48) 2-Hexanone	8.33	43	337688	38.571	ug/L # 97
52) Ethylbenzene	9.23	91	1063636	44.323	ug/L 95
53) m,p-Xylene	9.35	106	1469036	172.832	ug/L 99
54) o-xylene	9.76	106	896512	106.638	ug/L 98
56) Isopropylbenzene	10.14	105	83277	3.674	ug/L 94
65) 1,2-Dichlorobenzene	11.86	146	67155	7.360	ug/L

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ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 25 05:38:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 25 02:59:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_U
ClientSampleId :
BFDG6RE

Manual Integrations
APPROVED

MMDadoda
9/25/2019 10:06:23 AM