

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\

Quantitation Report (QT Reviewed)

Data File : VU034737.D

Acq On : 23 Sep 2019 16:40

Operator : JC/SP

Sample : K4982-04DL 100X

Misc : 3.99g/5.0mL/100uL/10mL/MSVOA_U/MEOH

ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 24 02:56:34 2019

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

Quant Title : VOC Analysis

QLast Update : Tue Sep 24 01:52:59 2019

Response via : Initial Calibration

Instrument :

MSVOA_U

ClientSampleId :

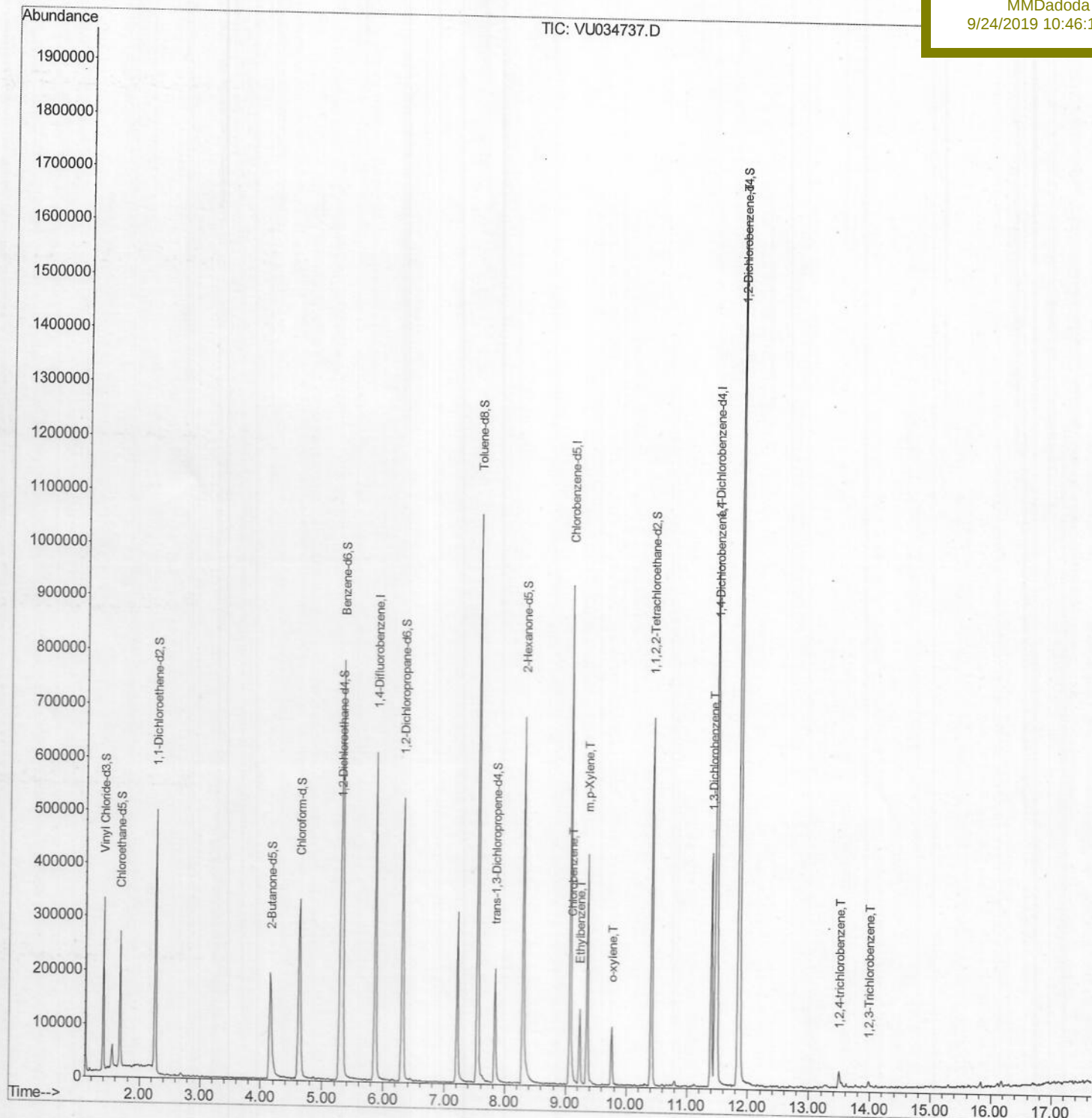
C0AT5DL

Manual Integrations

APPROVED

MMDadoda

9/24/2019 10:46:12 AM



SOMULM091919WMA.M Tue Sep 24 02:54:40 2019

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
Quantitation Report (Qedit)

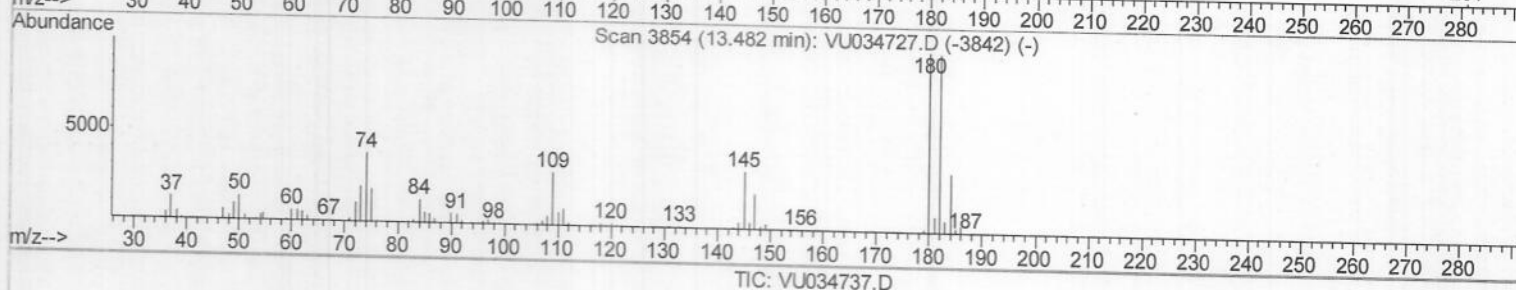
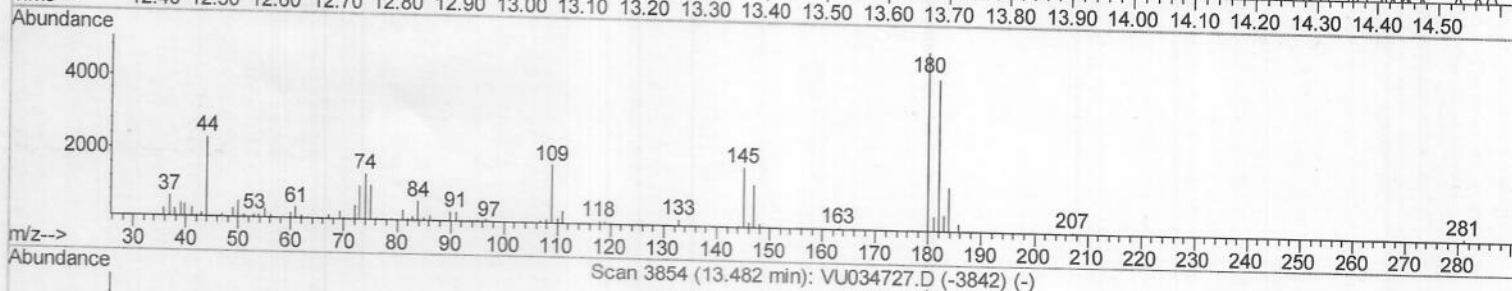
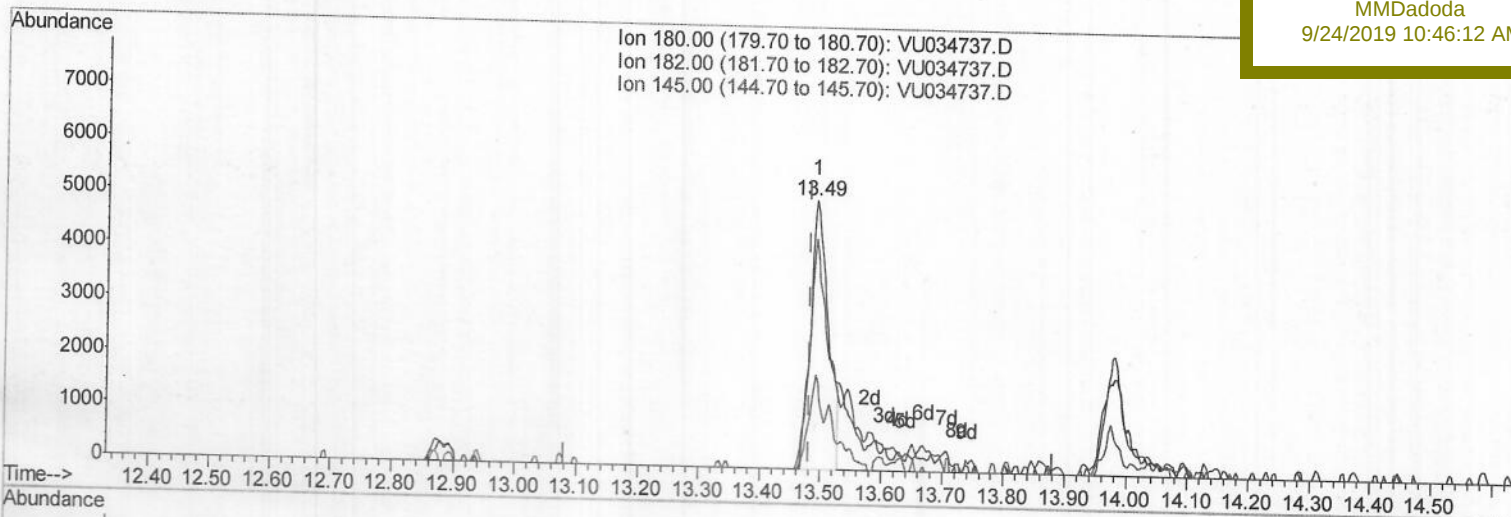
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9/24/2019 10:46:12 AM



(68) 1,2,4-trichlorobenzene (T)

13.492min (+0.010) 2.58ug/L

response 10264

Ion	Exp%	Act%
180.00	100	100
182.00	94.60	93.46
145.00	31.50	23.17#
0.00	0.00	0.00

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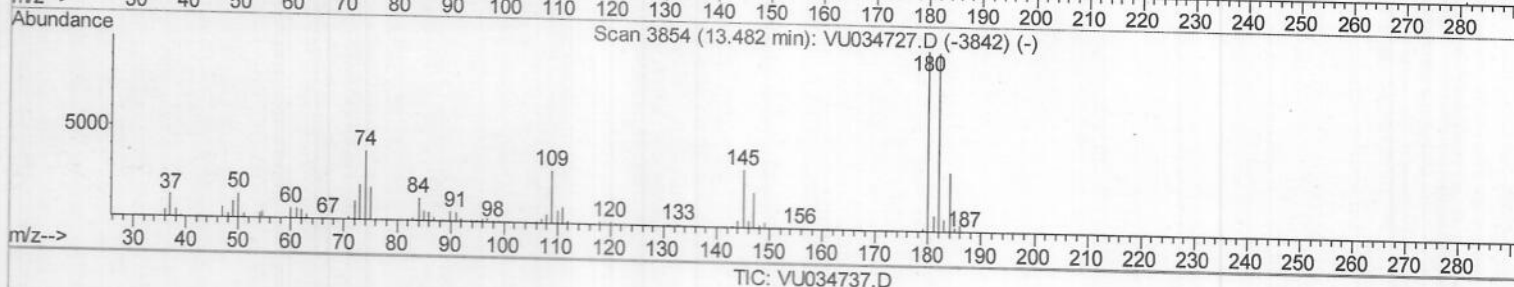
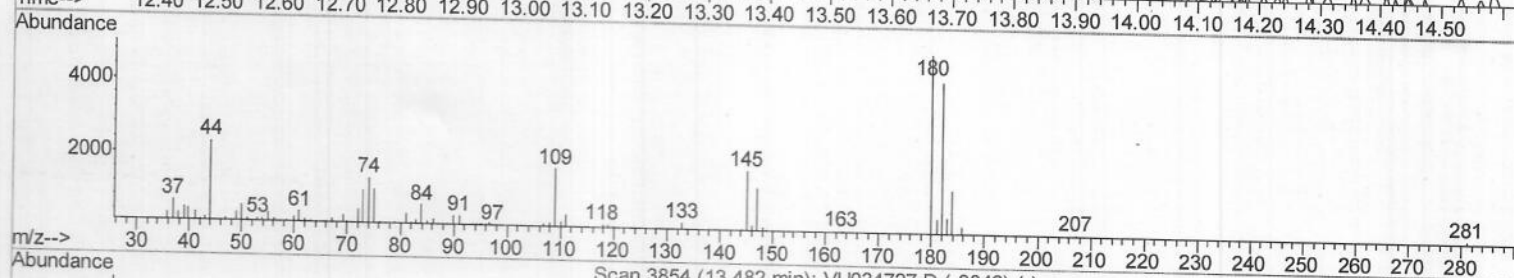
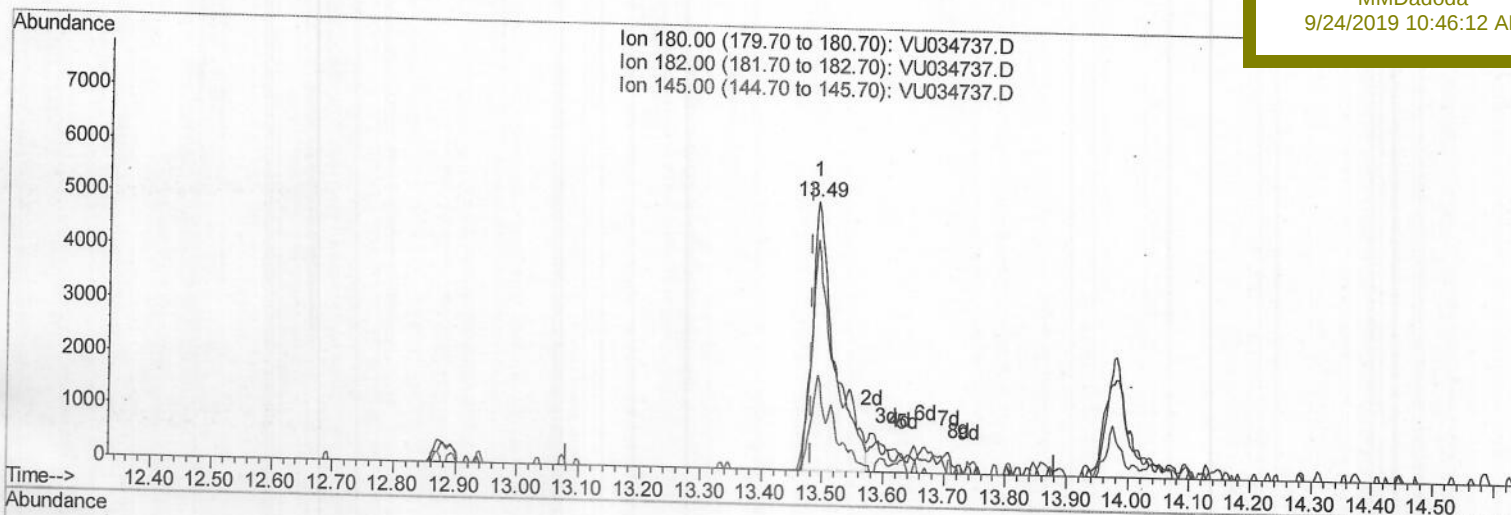
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ClientSampleId :
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Manual Integrations
APPROVED

MMDadoda
9/24/2019 10:46:12 AM



(68) 1,2,4-trichlorobenzene (T)

13.492min (+0.010) 3.25ug/L m

M.D 09/25/19

response 12925

Ion	Exp%	Act%
180.00	100	100
182.00	94.60	74.22#
145.00	31.50	18.40#
0.00	0.00	0.00

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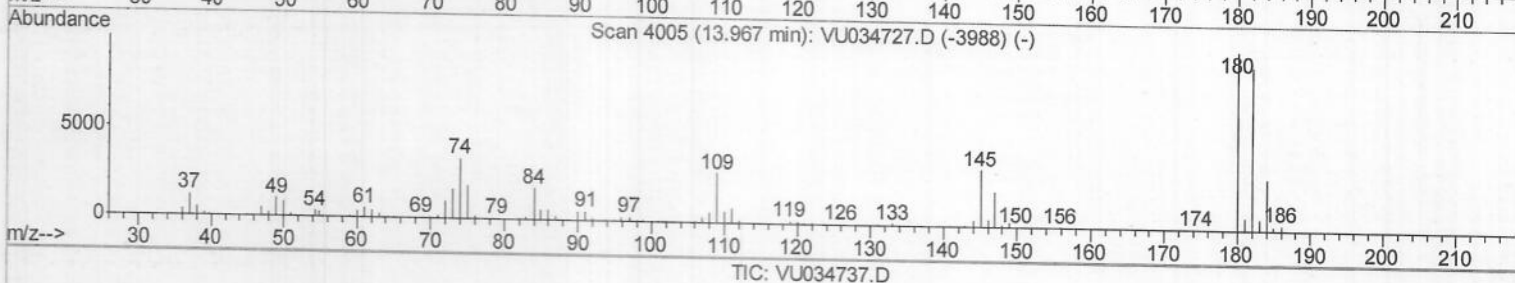
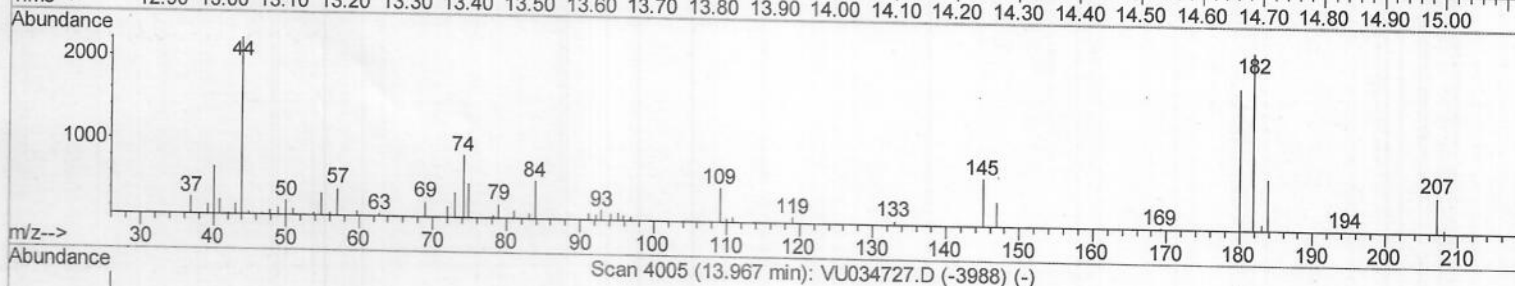
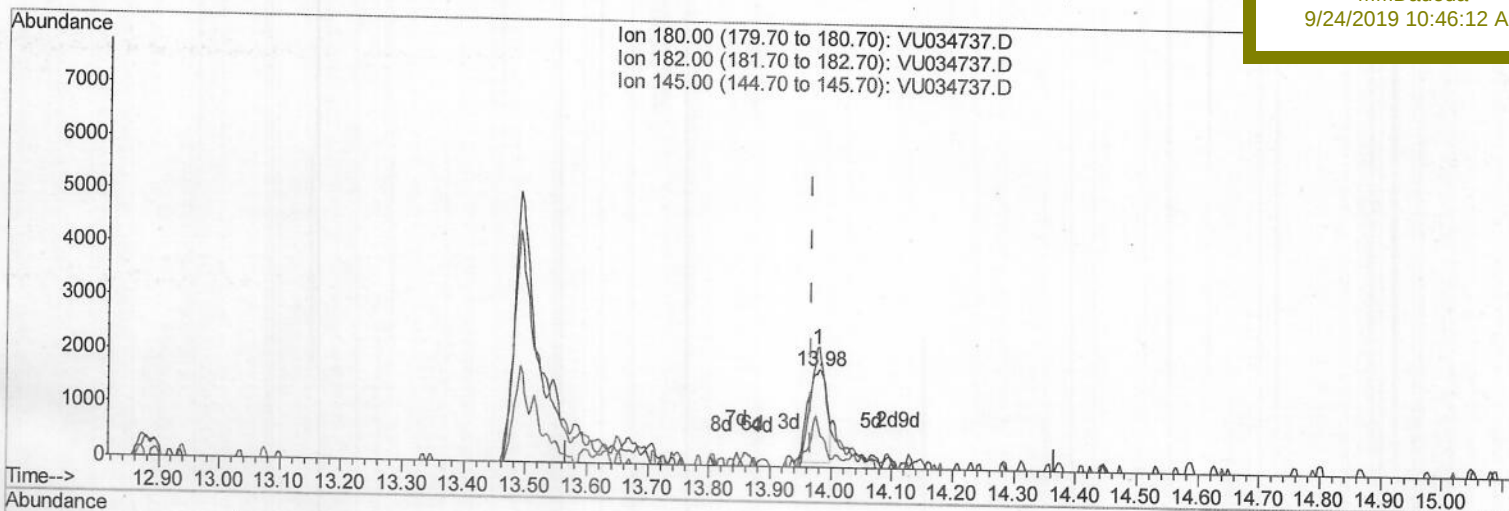
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Manual Integrations
APPROVED

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9/24/2019 10:46:12 AM



(70) 1,2,3-Trichlorobenzene (T)

13.980min (+0.013) 0.90ug/L

response 3673

Ion	Exp%	Act%
180.00	100	100
182.00	99.00	115.25
145.00	32.50	34.17
0.00	0.00	0.00

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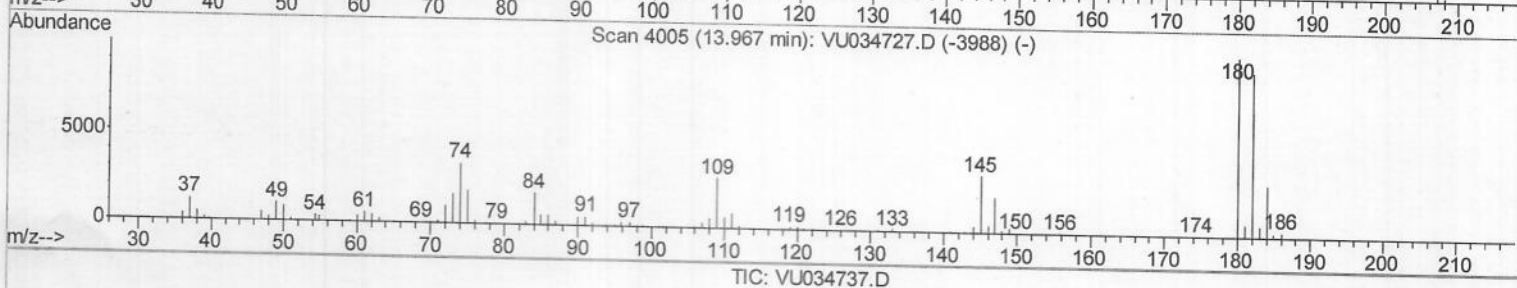
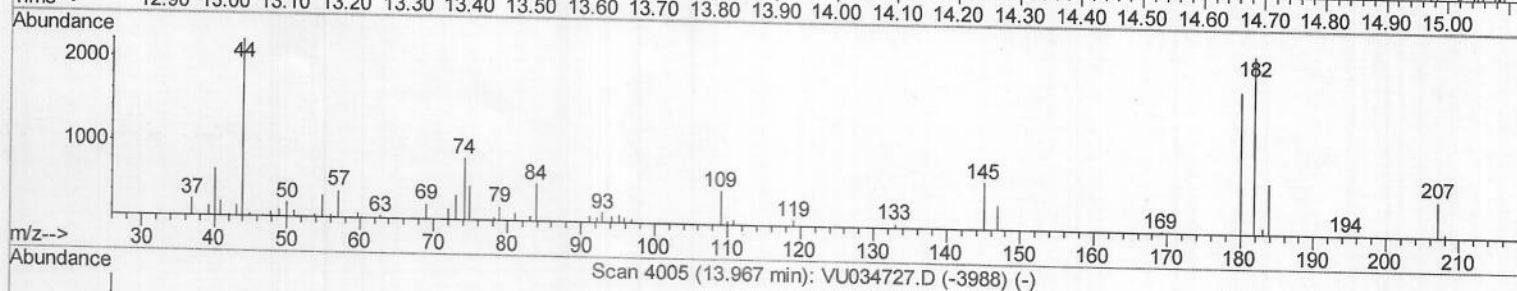
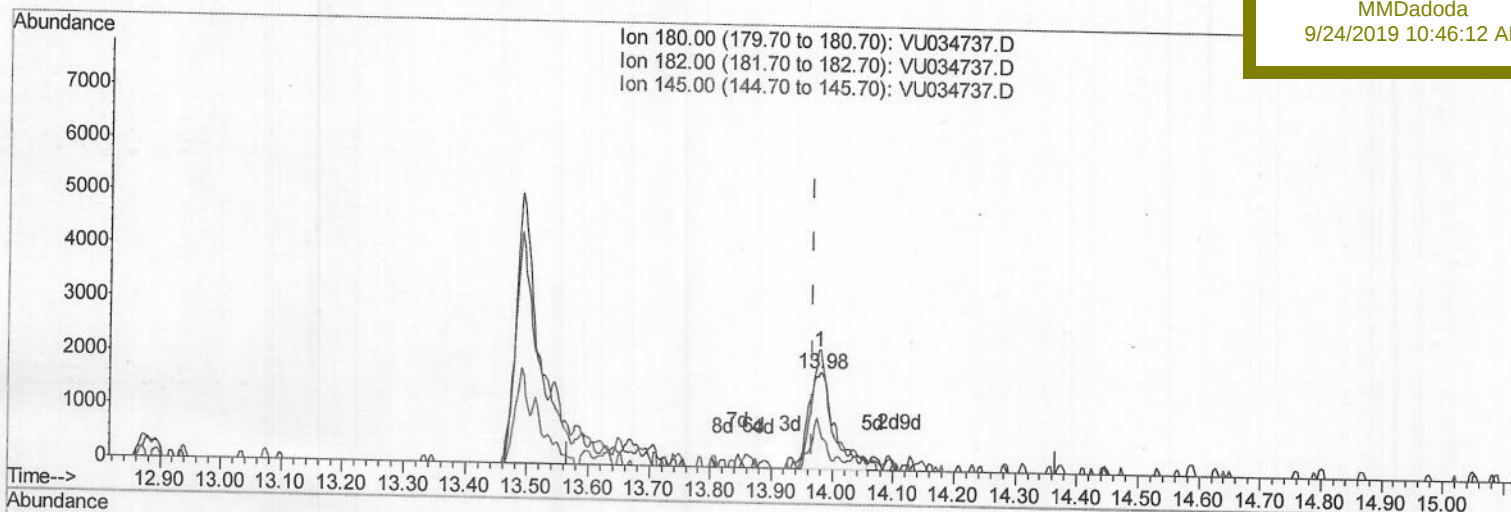
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ClientSampleId :
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Manual Integrations
APPROVED

MMDadoda
9/24/2019 10:46:12 AM



(70) 1,2,3-Trichlorobenzene (T)

13.980min (+0.013) 1.33ug/L m

response 5446

Ion	Exp%	Act%
180.00	100	100
182.00	99.00	77.73#
145.00	32.50	23.04#
0.00	0.00	0.00

2M.D 0912519

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Manual Integrations
APPROVED

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9/24/2019 10:46:12 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	477824	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	447968	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	218167	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	202489	41.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.78%		
7) Chloroethane-d5	1.67	69	166468	44.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.06%		
11) 1,1-Dichloroethene-d2	2.26	63	284259	34.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.62%		
21) 2-Butanone-d5	4.15	46	328756	87.69	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	87.69%		
24) Chloroform-d	4.62	84	300301	42.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.46%		
26) 1,2-Dichloroethane-d4	5.28	65	255592	48.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.78%		
32) Benzene-d6	5.32	84	709327	51.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.18%		
36) 1,2-Dichloropropane-d6	6.31	67	252866	52.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.20%		
41) Toluene-d8	7.54	98	670322	50.74	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.48%		
43) trans-1,3-Dichloropropene-	7.83	79	113688	48.91	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	97.82%		
47) 2-Hexanone-d5	8.29	63	239058	98.08	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.08%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	324186	48.14	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	96.28%		
64) 1,2-Dichlorobenzene-d4	11.84	152	232579	50.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.68%		

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
51) Chlorobenzene	9.10	112	12842	1.258	ug/L	99
52) Ethylbenzene	9.23	91	98310	5.199	ug/L	98
53) m,p-Xylene	9.35	106	107152	16.000	ug/L	95
54) o-xylene	9.76	106	27788	4.195	ug/L	93
62) 1,3-Dichlorobenzene	11.40	146	158937	21.036	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	232319	30.185	ug/L	95
65) 1,2-Dichlorobenzene	11.85	146	473703	62.052	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	12925m	3.247	ug/L	
70) 1,2,3-Trichlorobenzene	13.98	180	5446m	1.330	ug/L	

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

M.D.09/24/19