

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

Quantitation Report (QT/LSC Reviewed)

Data File : VU034735.D

Acq On : 23 Sep 2019 15:53

Operator : JC/SP

Sample : K4982-04DL 100X

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

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 02:32:15 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 :

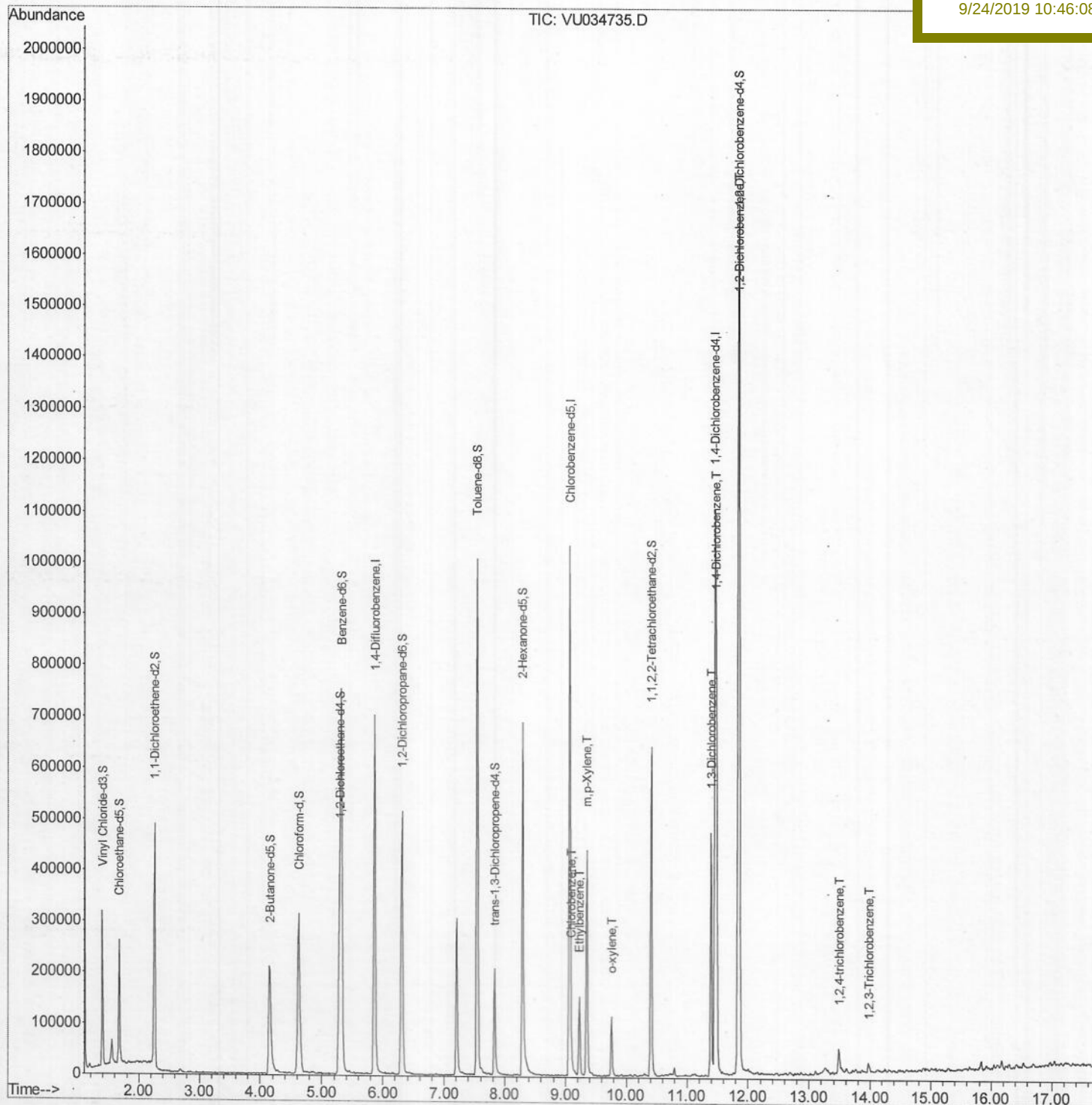
C0AT5DL

Manual Integrations

APPROVED

MMDadoda

9/24/2019 10:46:08 AM



Data File : VU034735.D

Acq On : 23 Sep 2019 15:53

Operator : JC/SP

Sample : K4982-04DL 100X

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

ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 01:56:52 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 :

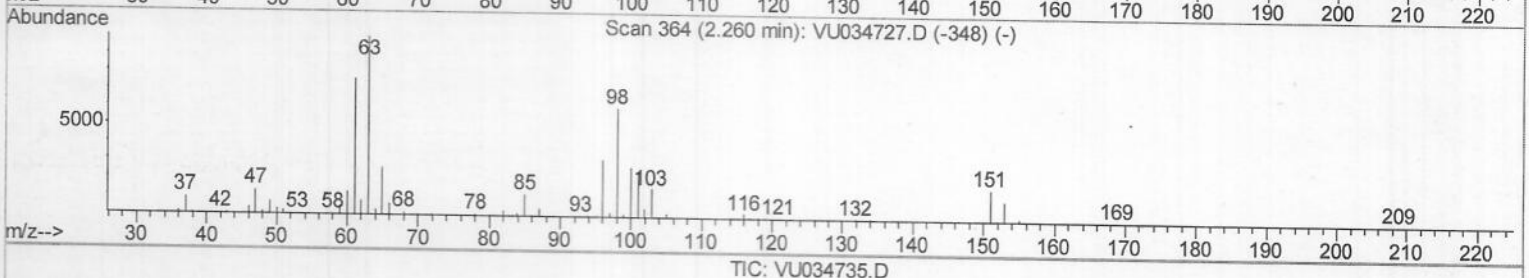
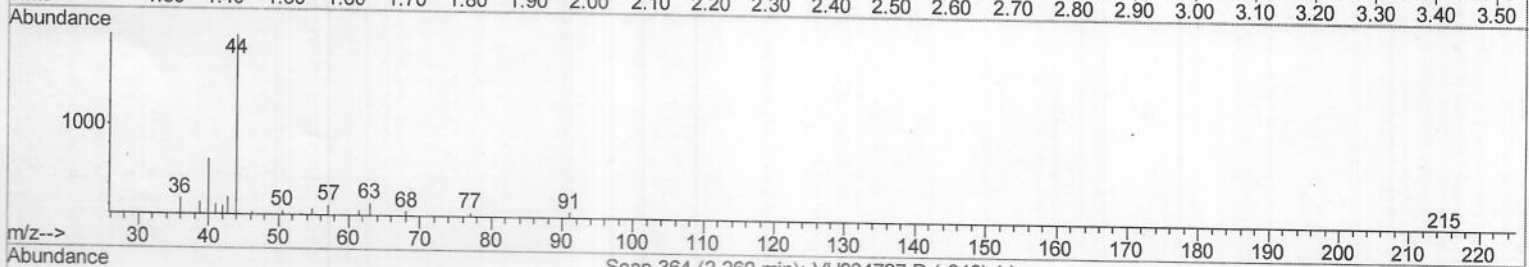
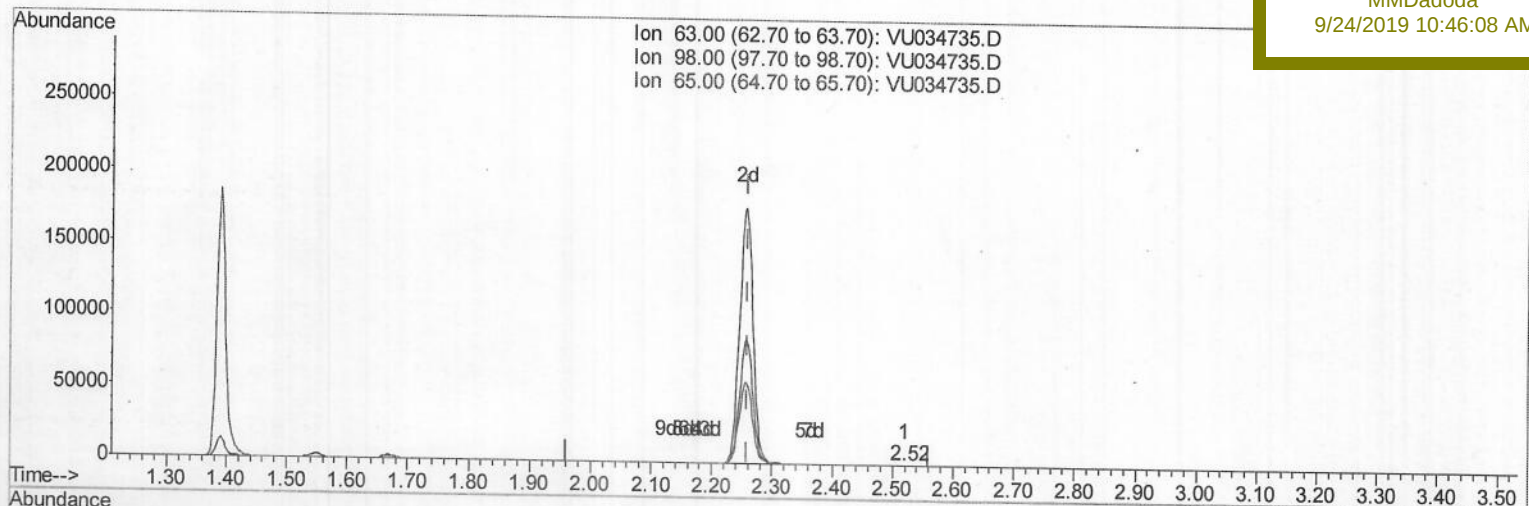
C0AT5DL

Manual Integrations

APPROVED

MMDadoda

9/24/2019 10:46:08 AM



(11) 1,1-Dichloroethene-d2 (S)

2.521min (+0.260) 0.02ug/L

response 202

Ion	Exp%	Act%
63.00	100	100
98.00	57.60	41.58
65.00	24.00	25.74
0.00	0.00	0.00

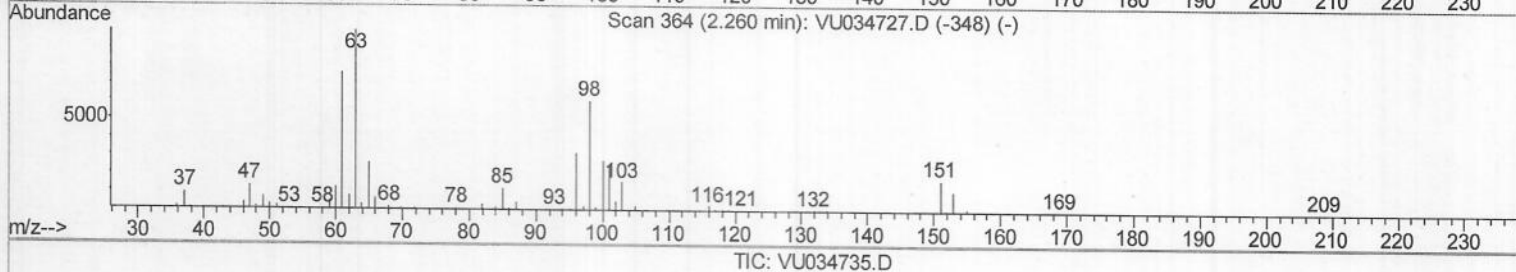
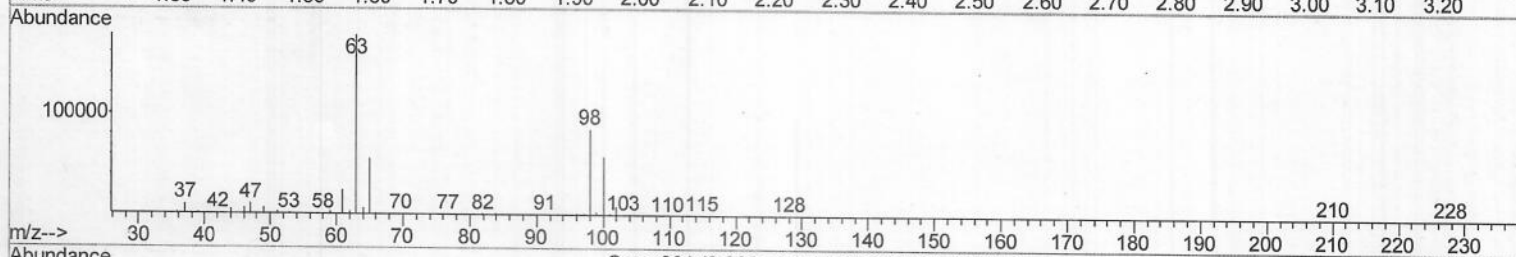
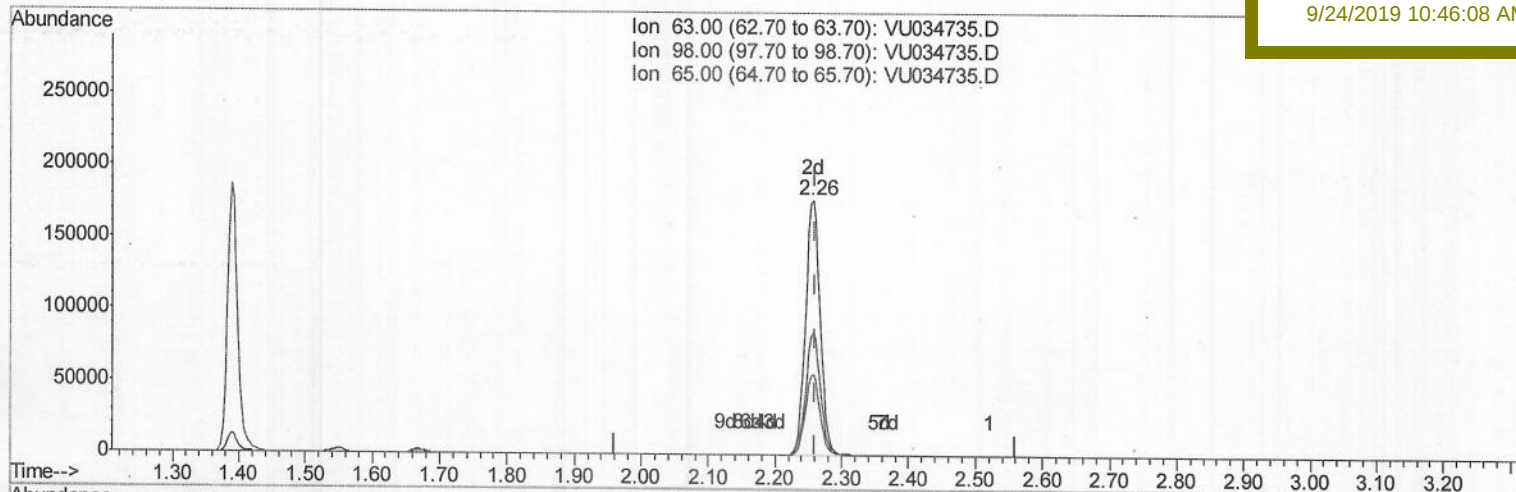
Data File : VU034735.D
Acq On : 23 Sep 2019 15:53
Operator : JC/SP
Sample : K4982-04DL 100X
Misc : 3.99g/5.0mL/100uL/10mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 24 01:56:52 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 10:46:08 AM



(11) 1,1-Dichloroethene-d2 (S)

2.257min (-0.003) 28.83ug/L m

response 270455

Ion	Exp%	Act%
63.00	100	100
98.00	57.60	0.03#
65.00	24.00	0.02#
0.00	0.00	0.00

M.D 09/25/19

Data File : VU034735.D
Acq On : 23 Sep 2019 15:53
Operator : JC/SP
Sample : K4982-04DL 100X
Misc : 3.99g/5.0mL/100uL/10mL/MSVOA_U/MEOH
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AT5DL

Manual Integrations
APPROVED

MMDadoda
9/24/2019 10:46:08 AM

Quant Time: Sep 24 02:32:15 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Difluorobenzene	5.86	114	541091	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	504946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	252411	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	197101	35.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.16%		
7) Chloroethane-d5	1.67	69	161014	37.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	75.22%		
11) 1,1-Dichloroethene-d2	2.26	63	270455m	28.83	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.66%#		
21) 2-Butanone-d5	4.15	46	368709	86.85	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.85%		
24) Chloroform-d	4.62	84	274518	34.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	68.18%#		
26) 1,2-Dichloroethane-d4	5.28	65	237946	40.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.38%		
32) Benzene-d6	5.32	84	671167	42.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.76%		
36) 1,2-Dichloropropane-d6	6.31	67	235136	42.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.96%		
41) Toluene-d8	7.54	98	629732	42.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.58%		
43) trans-1,3-Dichloropropene-	7.83	79	110146	42.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.08%		
47) 2-Hexanone-d5	8.29	63	233814	85.10	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	85.10%		
57) 1,1,2,2-Tetrachloroethane-	10.41	84	304752	40.15	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.30%		
64) 1,2-Dichlorobenzene-d4	11.84	152	219026	41.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.76%		

Target Compounds

					Qvalue	
51) Chlorobenzene	9.10	112	12945	1.125	ug/L	96
52) Ethylbenzene	9.23	91	102205	4.795	ug/L	95
53) m,p-Xylene	9.35	106	112323	14.879	ug/L	98
54) o-xylene	9.76	106	27708	3.711	ug/L	90
62) 1,3-Dichlorobenzene	11.39	146	172279	19.709	ug/L	97
63) 1,4-Dichlorobenzene	11.49	146	254929	28.629	ug/L	97
65) 1,2-Dichlorobenzene	11.85	146	510957	57.852	ug/L	97
68) 1,2,4-trichlorobenzene	13.49	180	18135	3.938	ug/L #	93
70) 1,2,3-Trichlorobenzene	13.97	180	6118	1.291	ug/L #	80

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