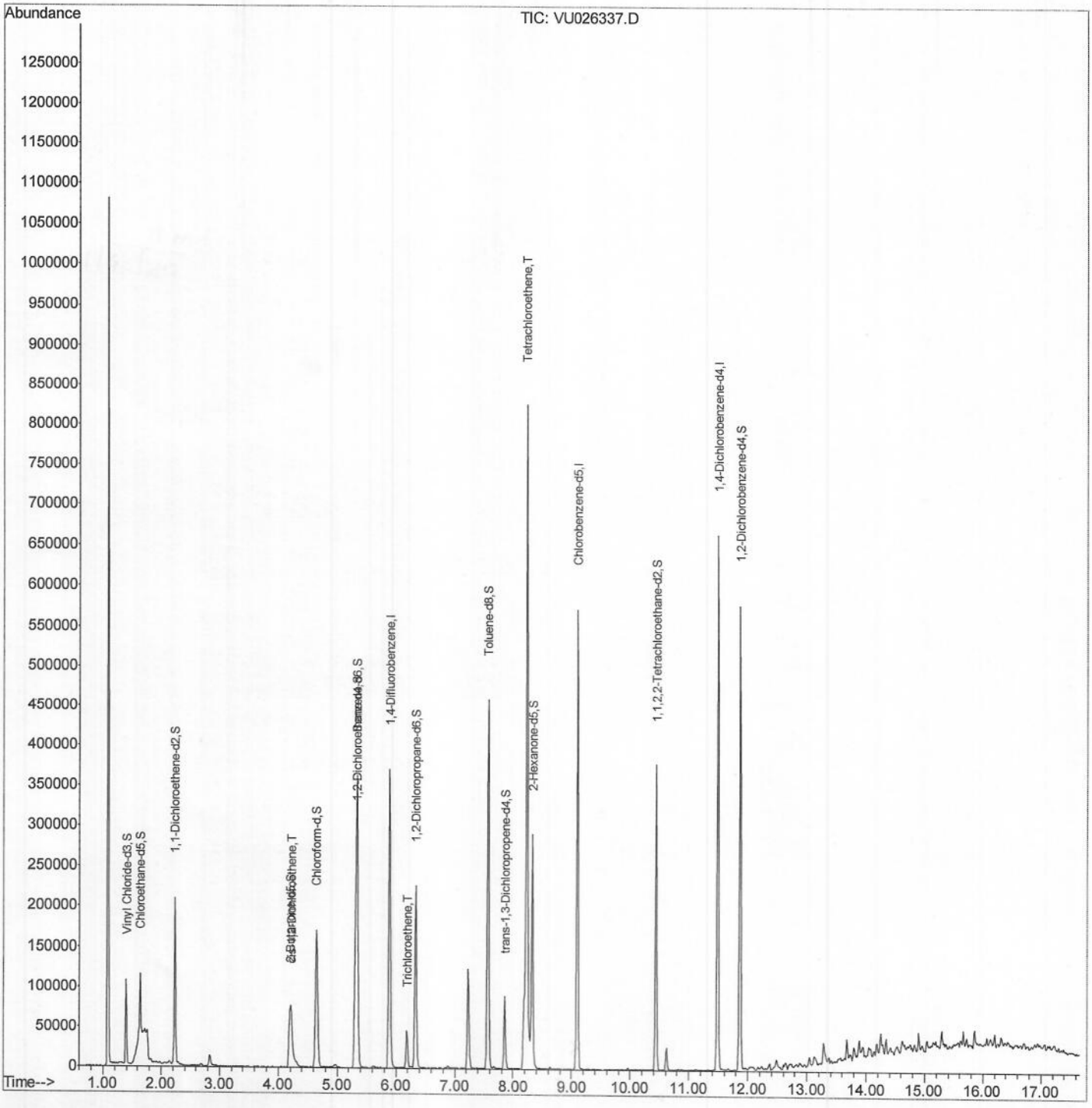
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082418\
Data File : VU026337.D
Acq On : 24 Aug 2018 16:38
Operator : MD/SY
Sample : J4624-04ME
Misc : 6.29g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 31 01:50:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 25 02:29:46 2018
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E4430ME

Manual Integrations APPROVED
apatel
8/31/2018 8:16:29 AM



Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082418\
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ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 25 04:17:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
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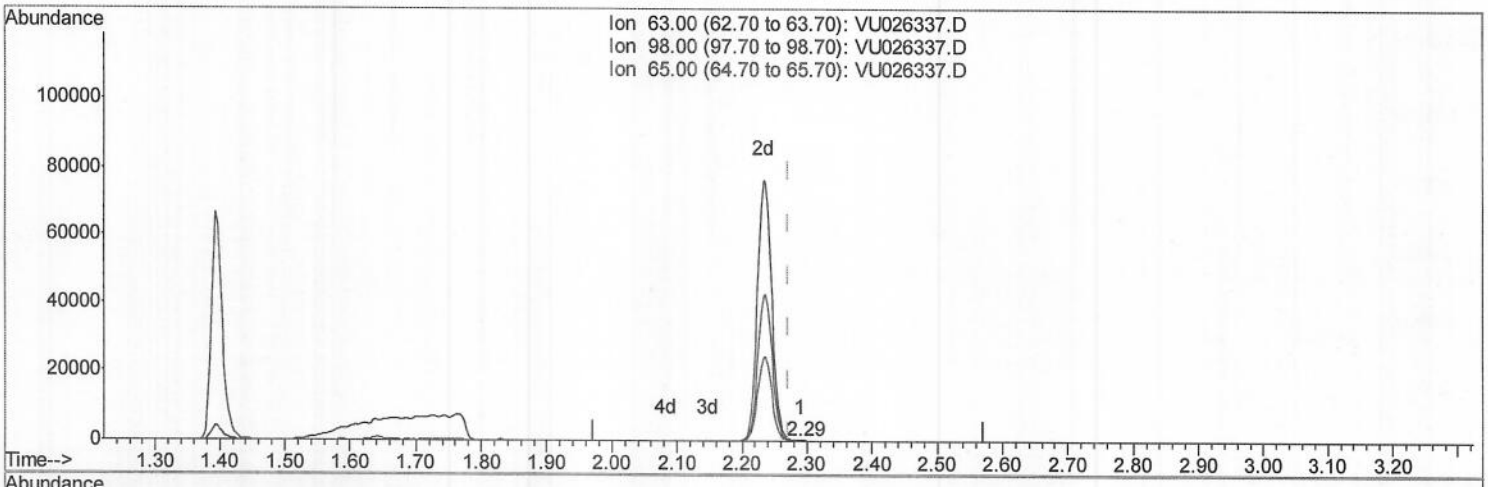
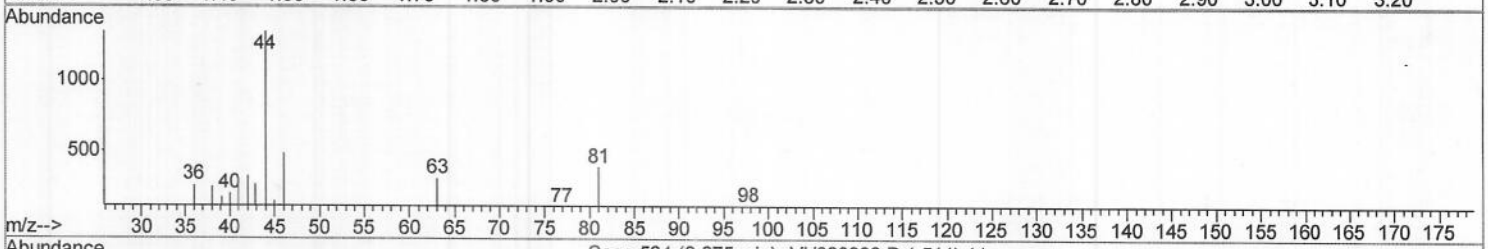
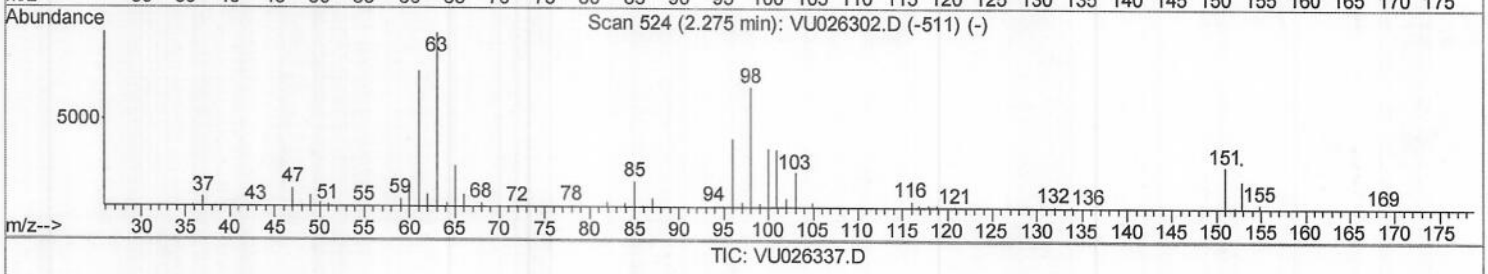
8/31/2018 8:16:29 AM







TIC: VU026337.D

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

2.291min (+0.019) 0.07ug/L

response 276

Ion	Exp%	Act%
63.00	100	100
98.00	71.60	0.00#
65.00	24.00	0.00#
0.00	0.00	0.00

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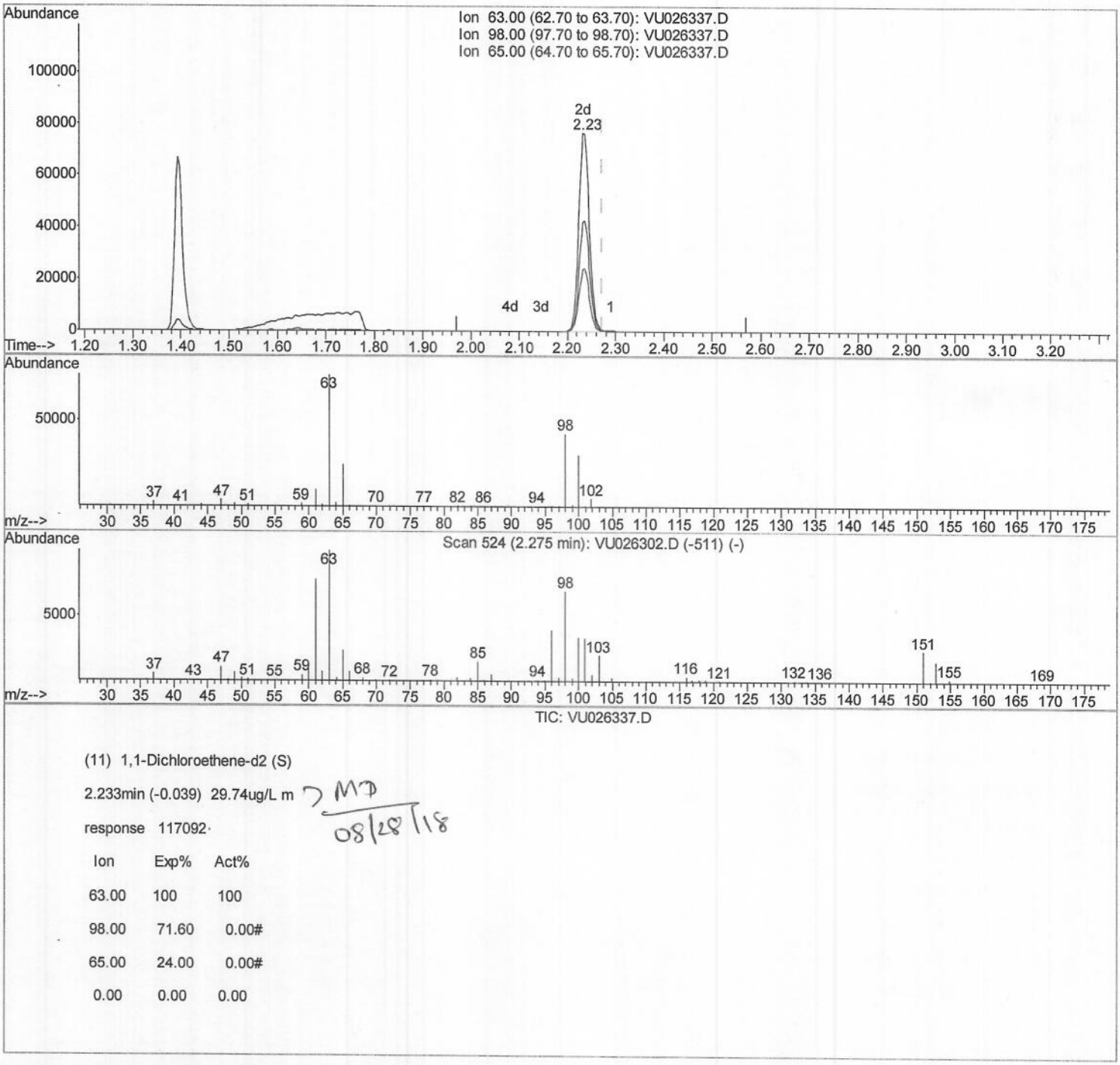
Manual Integrations APPROVED
apatel
8/31/2018 8:16:29 AM



TIC: VU026337.D

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

2.233min (-0.039) 29.74ug/L m

response 117092

MD 08/28/18

Ion	Exp%	Act%
63.00	100	100
98.00	71.60	0.00#
65.00	24.00	0.00#
0.00	0.00	0.00

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MSVOA_U
ClientSampleId :
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Manual Integrations APPROVED
apatel
8/31/2018 8:16:29 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 25 02:29:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	328384	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	335876	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	173571	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	77437	38.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 77.32%			
7) Chloroethane-d5	1.64	69	48208	29.52	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery = 59.04%#			
11) 1,1-Dichloroethene-d2	2.23	63	117092m	29.74	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 59.48%#			
21) 2-Butanone-d5	4.19	46	129681	81.12	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 81.12%			
24) Chloroform-d	4.64	84	182622	40.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.82%			
26) 1,2-Dichloroethane-d4	5.31	65	122779	42.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.52%			
32) Benzene-d6	5.34	84	353429	39.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.66%			
36) 1,2-Dichloropropane-d6	6.33	67	114355	39.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 79.28%			
41) Toluene-d8	7.57	98	321794	37.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.94%#			
43) trans-1,3-Dichloropropene-	7.85	79	57298	38.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.88%			
47) 2-Hexanone-d5	8.32	63	106704	86.53	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 86.53%			
57) 1,1,2,2-Tetrachloroethane-	10.44	84	182105	42.65	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.30%			
64) 1,2-Dichlorobenzene-d4	11.86	152	157783	42.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.68%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.22	96	14507	6.169	ug/L	96
34) Trichloroethene	6.18	95	17402	7.187	ug/L	94
46) Tetrachloroethene	8.23	164	182060	87.383	ug/L	98

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

MD 08/28/18