

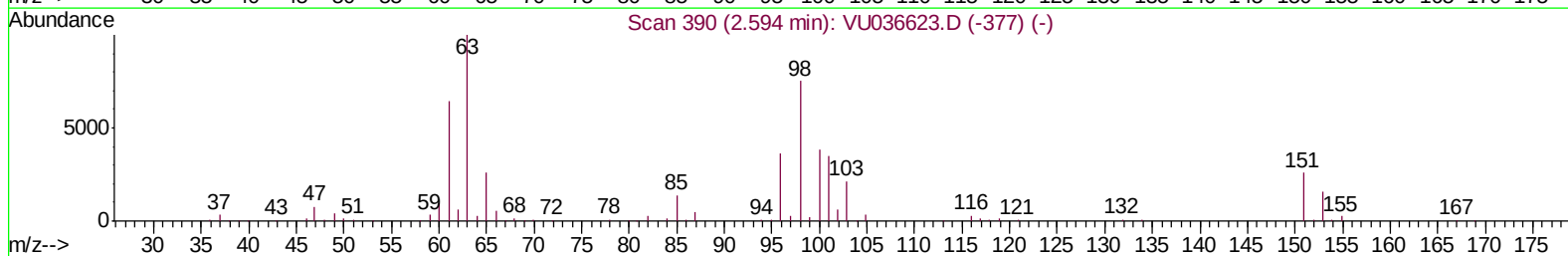
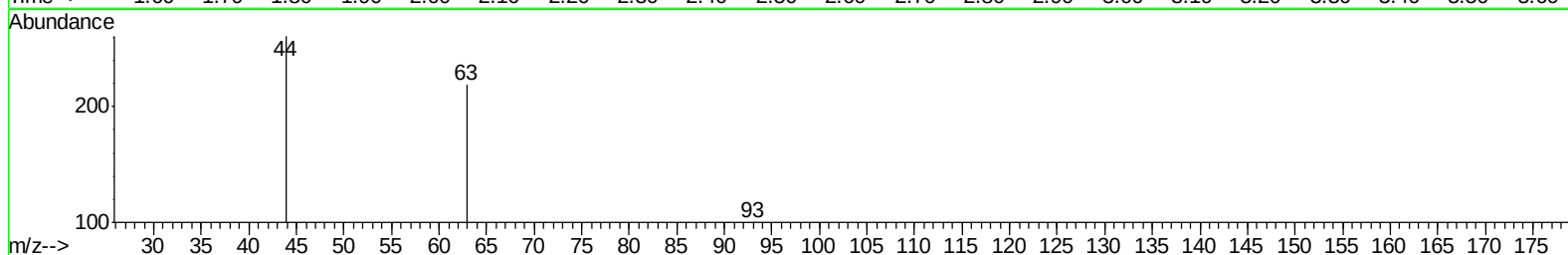
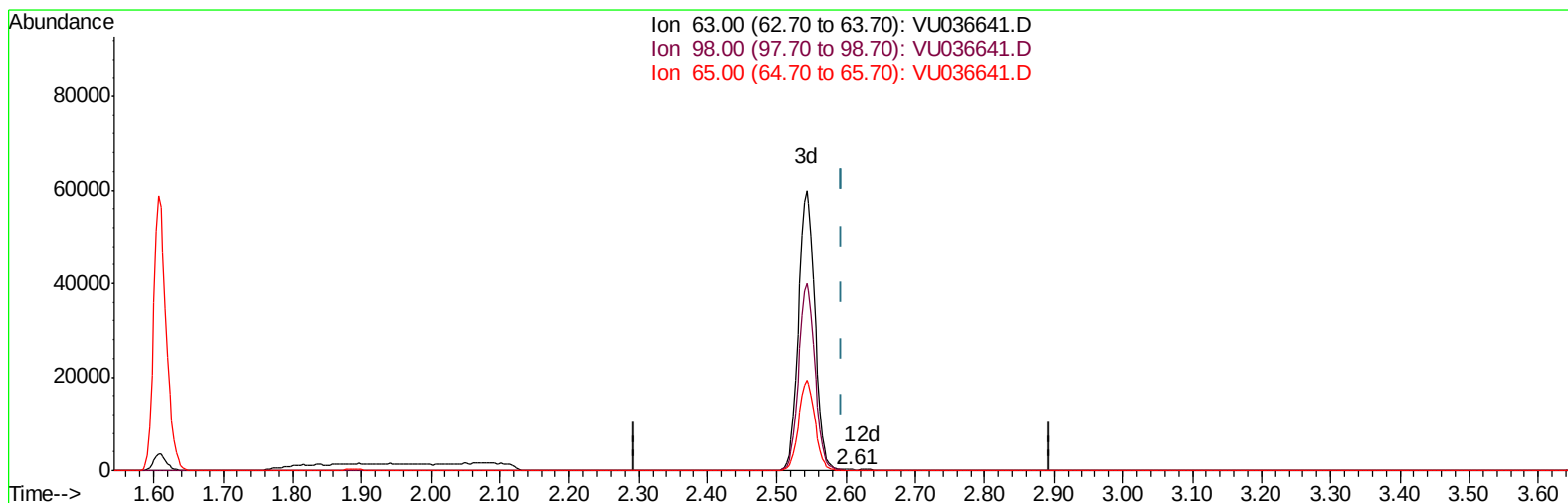
Data File : VU036641.D
Acq On : 31 Jan 2020 01:01
Operator : JC/MD
Sample : L1324-17
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT72

Manual Integrations
APPROVED

MMDadoda
2/3/2020 10:46:36 AM

Quant Time: Jan 31 04:06:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration



TIC: VU036641.D

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

2.607min (+0.013) 0.02ug/L

response 79

Ion	Exp%	Act%
63.00	100	100
98.00	81.70	0.00#
65.00	24.10	0.00#
0.00	0.00	0.00

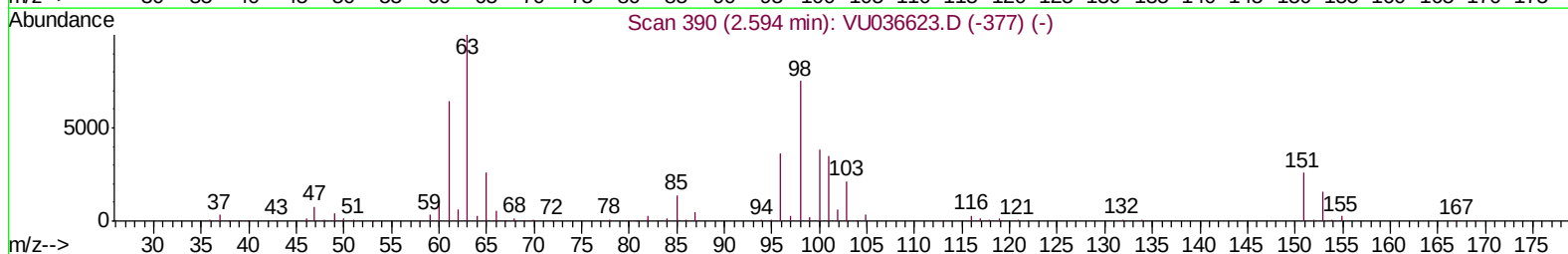
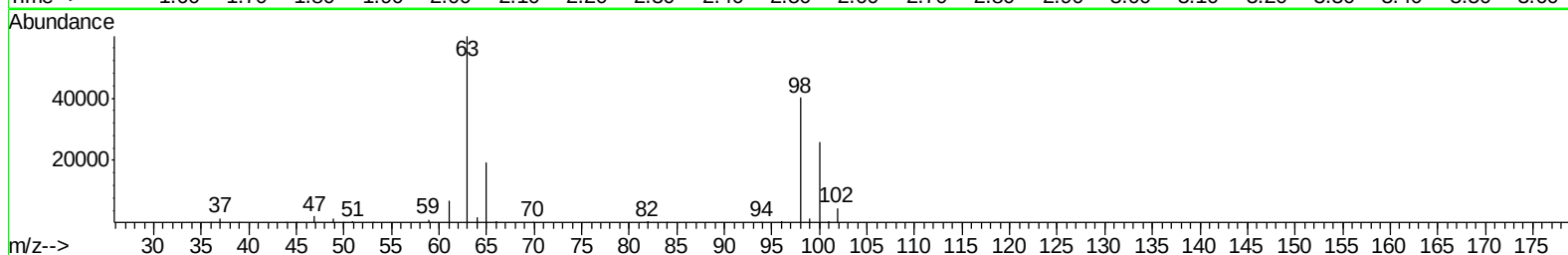
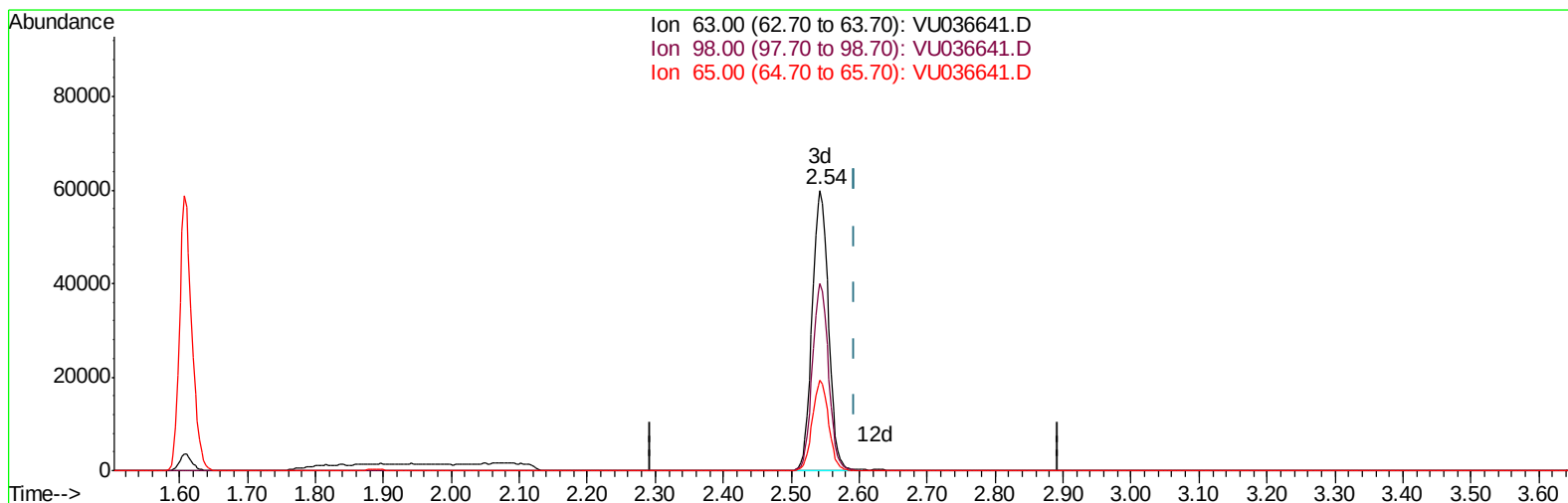
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TIC: VU036641.D

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

2.543min (-0.051) 26.13ug/L m

response 98684

Ion	Exp%	Act%
63.00	100	100
98.00	81.70	0.00#
65.00	24.10	0.00#
0.00	0.00	0.00

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2/3/2020 10:46:36 AM

Quant Time: Jan 31 06:42:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 31 04:01:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	311861	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	301645	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	165539	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	73921	31.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.30%
7) Chloroethane-d5	1.89	69	17422	8.69	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	17.38%#
11) 1,1-Dichloroethene-d2	2.54	63	98684m	26.13	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.26%#
21) 2-Butanone-d5	4.70	46	74198	53.52	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	53.52%
24) Chloroform-d	5.11	84	147707	38.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.24%
26) 1,2-Dichloroethane-d4	5.74	65	97455	40.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.76%
32) Benzene-d6	5.76	84	344352	40.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.16%
36) 1,2-Dichloropropane-d6	6.73	67	111656	42.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.46%
41) Toluene-d8	7.93	98	335860	41.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.28%
43) trans-1,3-Dichloropropene-	8.21	79	51635	41.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.12%
47) 2-Hexanone-d5	8.69	63	129833	105.89	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.89%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	168522	43.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.70%
64) 1,2-Dichlorobenzene-d4	12.22	152	149170	41.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.98%

Target Compounds					Qvalue
3) Chloromethane	1.53	50	2117	0.837 ug/L	84
13) Acetone	2.68	43	2417	1.801 ug/L	99
33) Benzene	5.81	78	61964	6.871 ug/L	100
42) Toluene	8.00	91	193968	19.787 ug/L	98
46) Tetrachloroethene	8.58	164	44919	23.820 ug/L	99
52) Ethylbenzene	9.60	91	1440235	134.121 ug/L	100
53) m,p-Xylene	9.73	106	213785	51.043 ug/L	98
54) o-xylene	10.13	106	257380	61.607 ug/L	98
56) Isopropylbenzene	10.51	105	17515	1.649 ug/L	96

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

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