

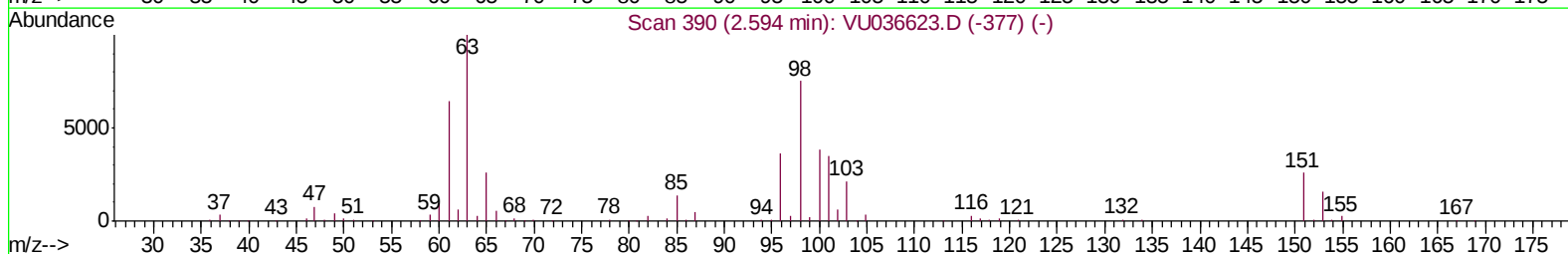
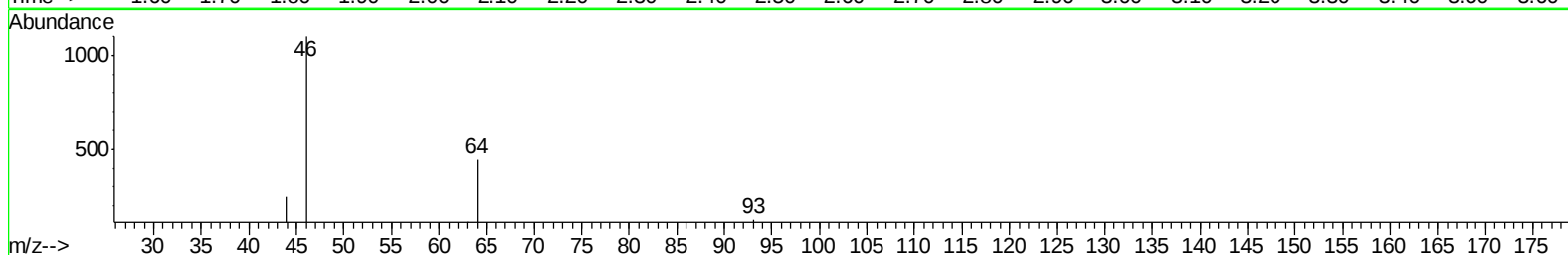
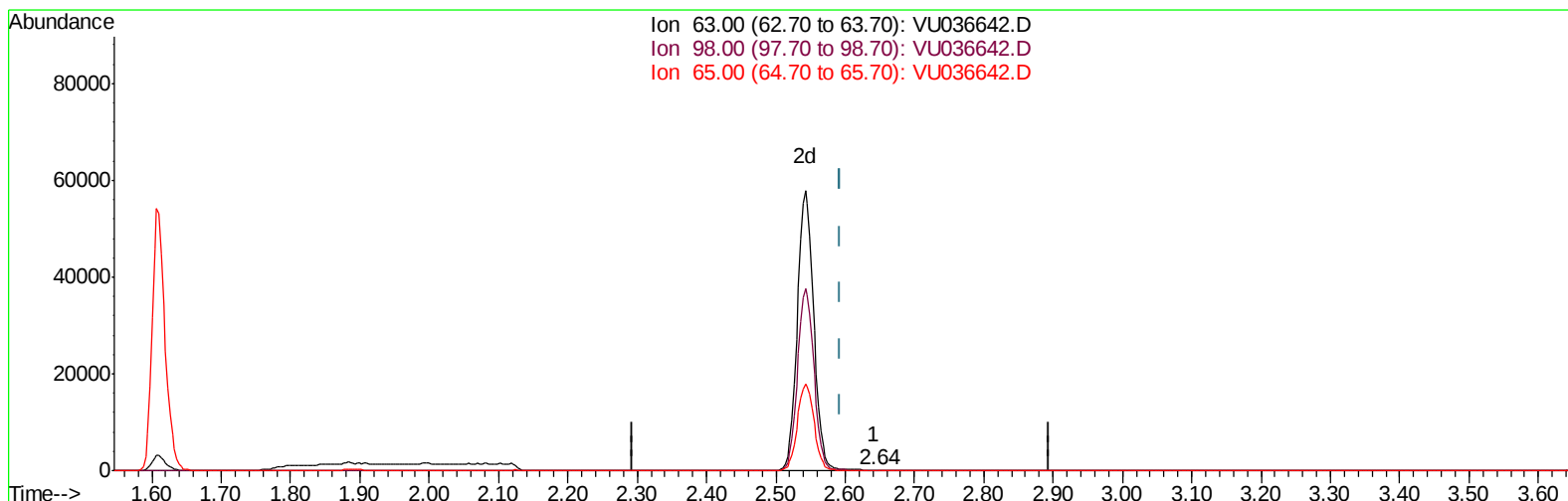
Data File : VU036642.D
Acq On : 31 Jan 2020 01:26
Operator : JC/MD
Sample : L1324-12
Misc : 5.06g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT67

Manual Integrations
APPROVED

MMDadoda
2/3/2020 10:46:40 AM

Quant Time: Jan 31 04:06:25 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: VU036642.D

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

2.642min (+0.048) 0.01ug/L

response 41

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

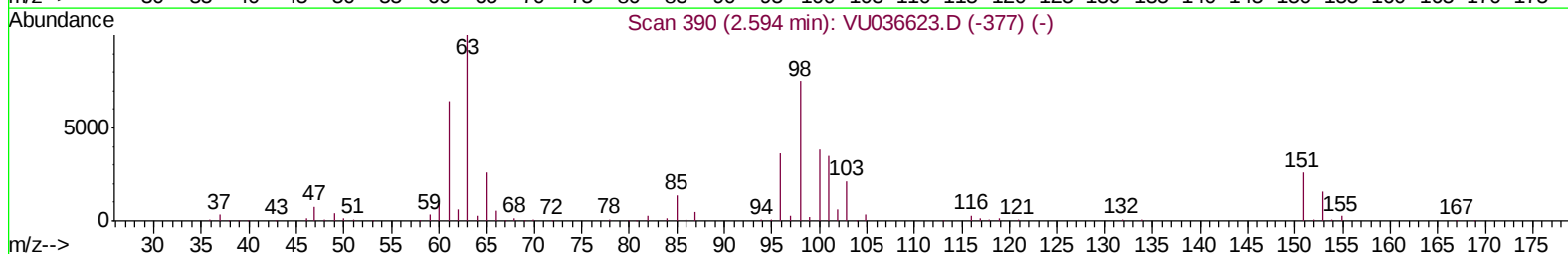
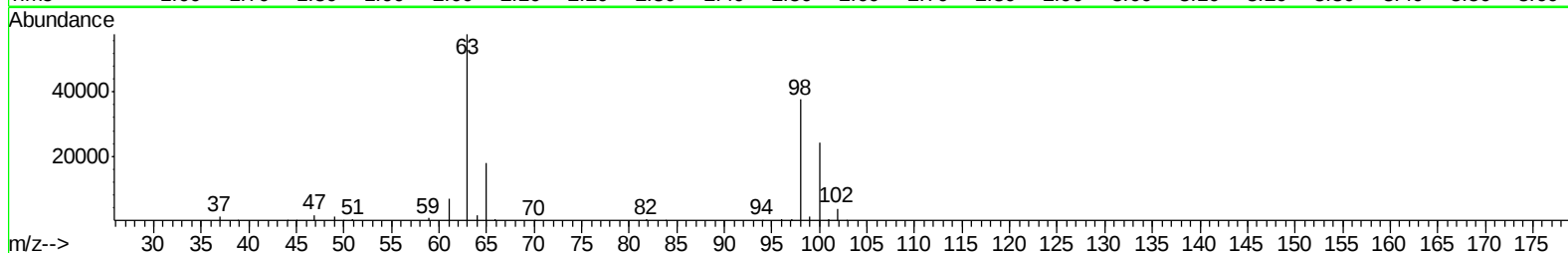
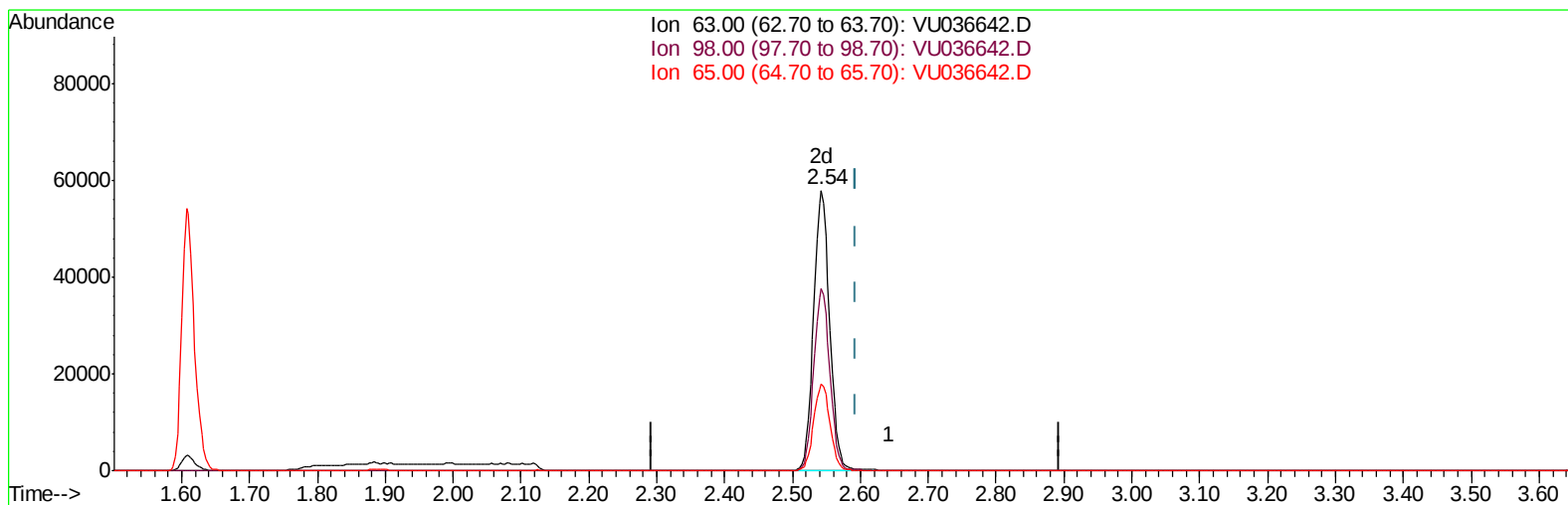
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TIC: VU036642.D

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

2.542min (-0.052) 26.02ug/L m

response 95032

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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MMDadoda
2/3/2020 10:46:40 AM

Quant Time: Jan 31 06:49:14 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	301593	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292979	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	155215	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	70068	31.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.04%
7) Chloroethane-d5	1.89	69	16796	8.67	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	17.34%#
11) 1,1-Dichloroethene-d2	2.54	63	95032m	26.02	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.04%#
21) 2-Butanone-d5	4.70	46	67828	50.59	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	50.59%
24) Chloroform-d	5.11	84	138885	37.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.10%
26) 1,2-Dichloroethane-d4	5.74	65	91978	39.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.78%
32) Benzene-d6	5.76	84	323383	39.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.48%
36) 1,2-Dichloropropane-d6	6.73	67	104722	40.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.56%
41) Toluene-d8	7.93	98	317572	40.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.10%
43) trans-1,3-Dichloropropene-	8.21	79	49552	40.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.14%
47) 2-Hexanone-d5	8.69	63	123276	103.51	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.51%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	159618	42.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.54%
64) 1,2-Dichlorobenzene-d4	12.22	152	134110	40.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.52%

Target Compounds

					Qvalue
3) Chloromethane	1.53	50	2089	0.854 ug/L	92
29) Cyclohexane	5.41	56	4902	1.462 ug/L #	82
33) Benzene	5.81	78	435045	49.666 ug/L	100
35) Methylcyclohexane	6.79	83	49945	13.282 ug/L	96
42) Toluene	8.00	91	581386	61.063 ug/L	98
46) Tetrachloroethene	8.58	164	39548	21.592 ug/L	98
52) Ethylbenzene	9.60	91	5579307	534.938 ug/L	100
53) m,p-Xylene	9.73	106	672777	165.384 ug/L	98
54) o-xylene	10.13	106	813504	200.483 ug/L	99
56) Isopropylbenzene	10.51	105	425569	41.251 ug/L	99

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

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