

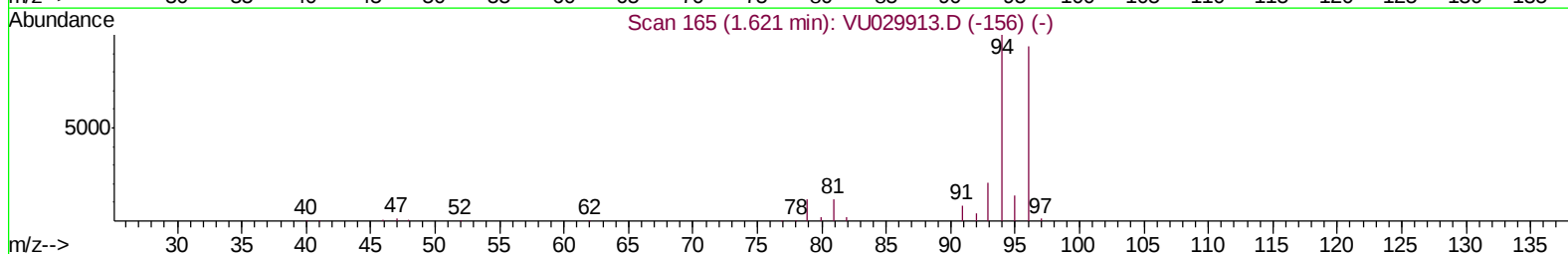
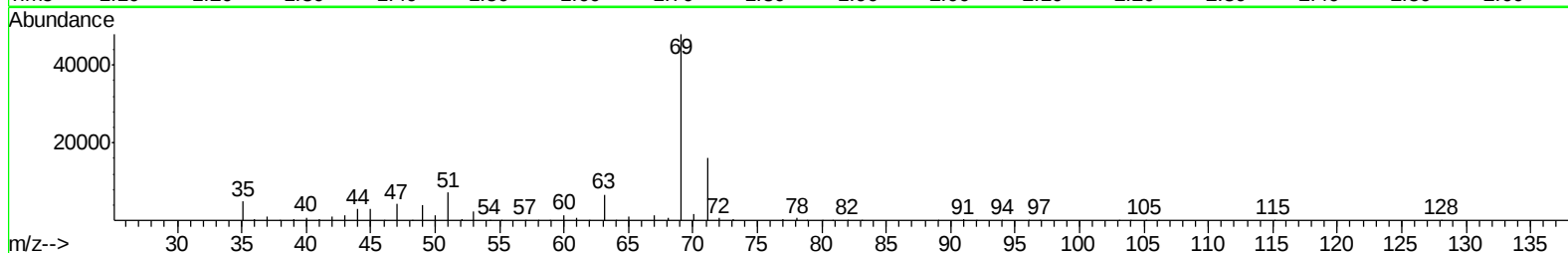
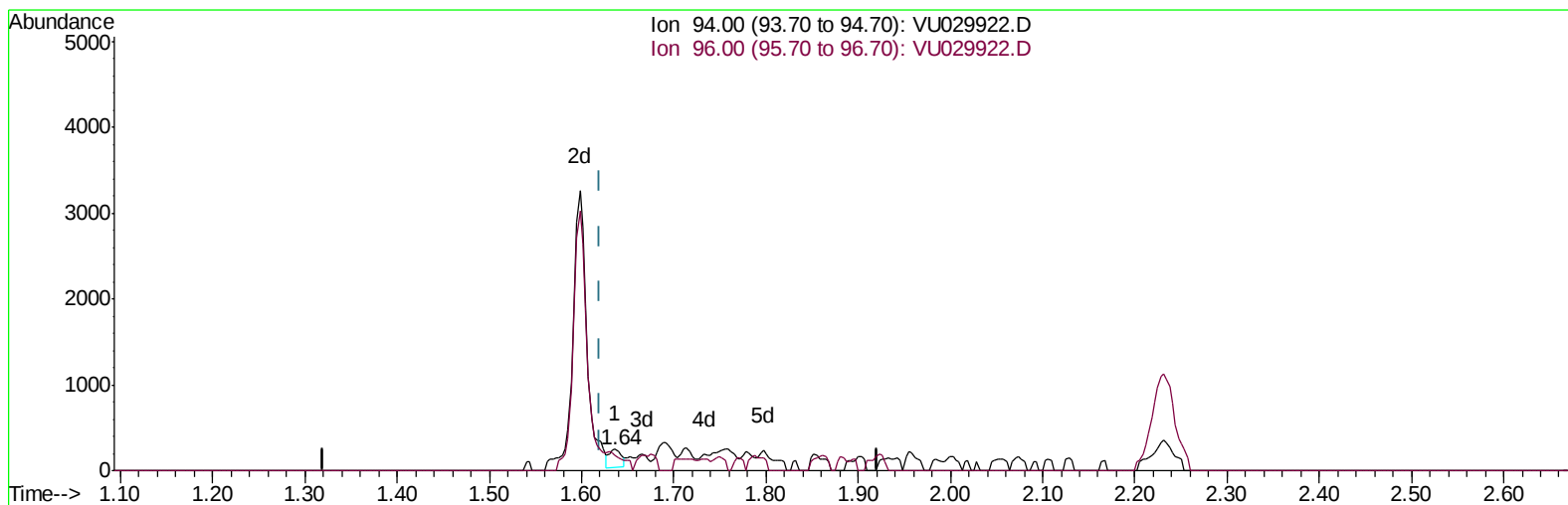
Data File : VU029922.D
Acq On : 09 Mar 2019 16:05
Operator : JC/SP
Sample : K1789-16
Misc : 5.73g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0P9

Manual Integrations
APPROVED

MMDadoda
3/11/2019 10:53:23 AM

Quant Time: Mar 11 03:40:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 02:20:19 2019
Response via : Initial Calibration



TIC: VU029922.D

(6) Bromomethane (T)

1.637min (+0.016) 0.16ug/L

response 189

Ion	Exp%	Act%
94.00	100	100
96.00	93.80	69.60
0.00	0.00	0.00
0.00	0.00	0.00

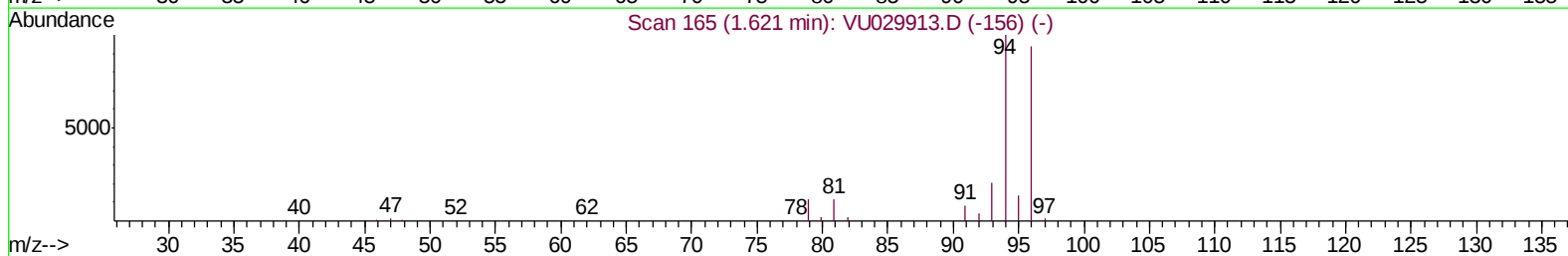
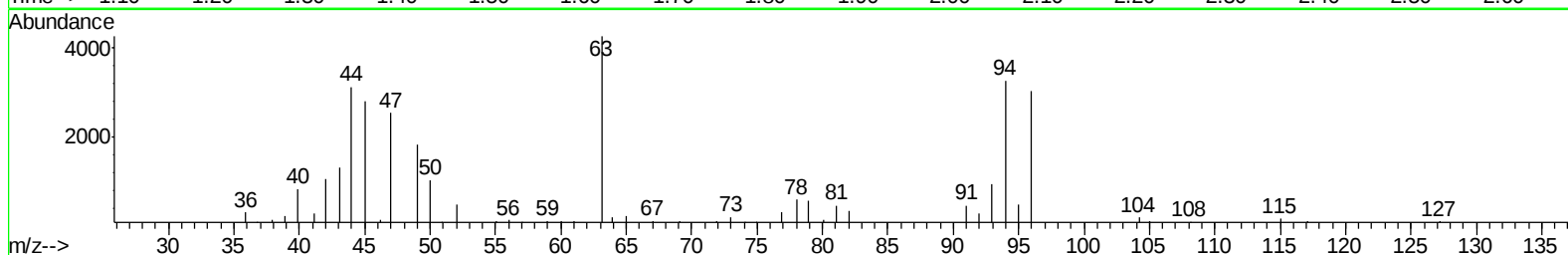
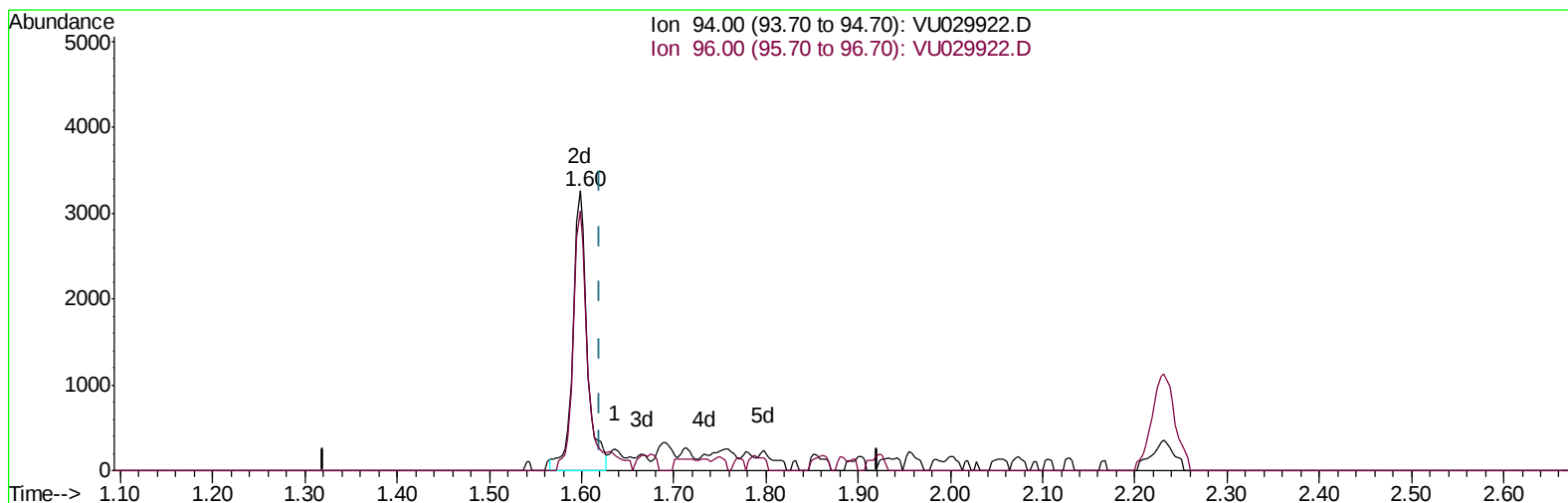
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TIC: VU029922.D

(6) Bromomethane (T)

1.598min (-0.023) 3.02ug/L m

response 3555

Ion	Exp%	Act%
94.00	100	100
96.00	93.80	92.52
0.00	0.00	0.00
0.00	0.00	0.00

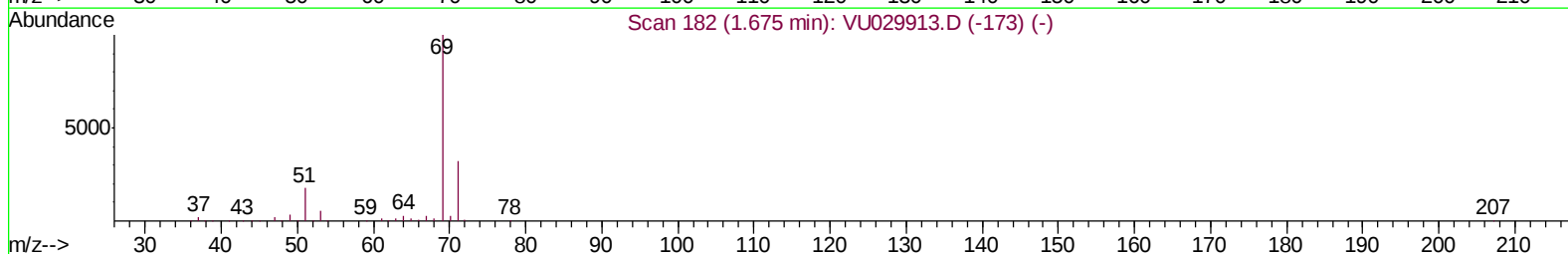
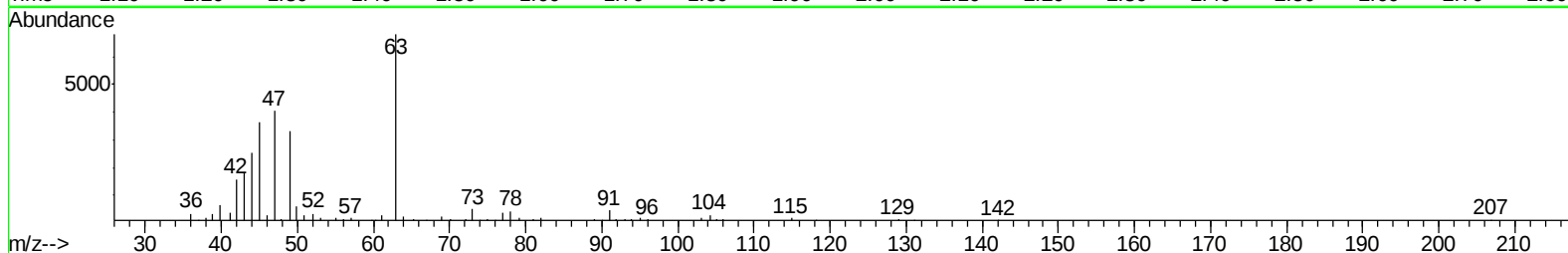
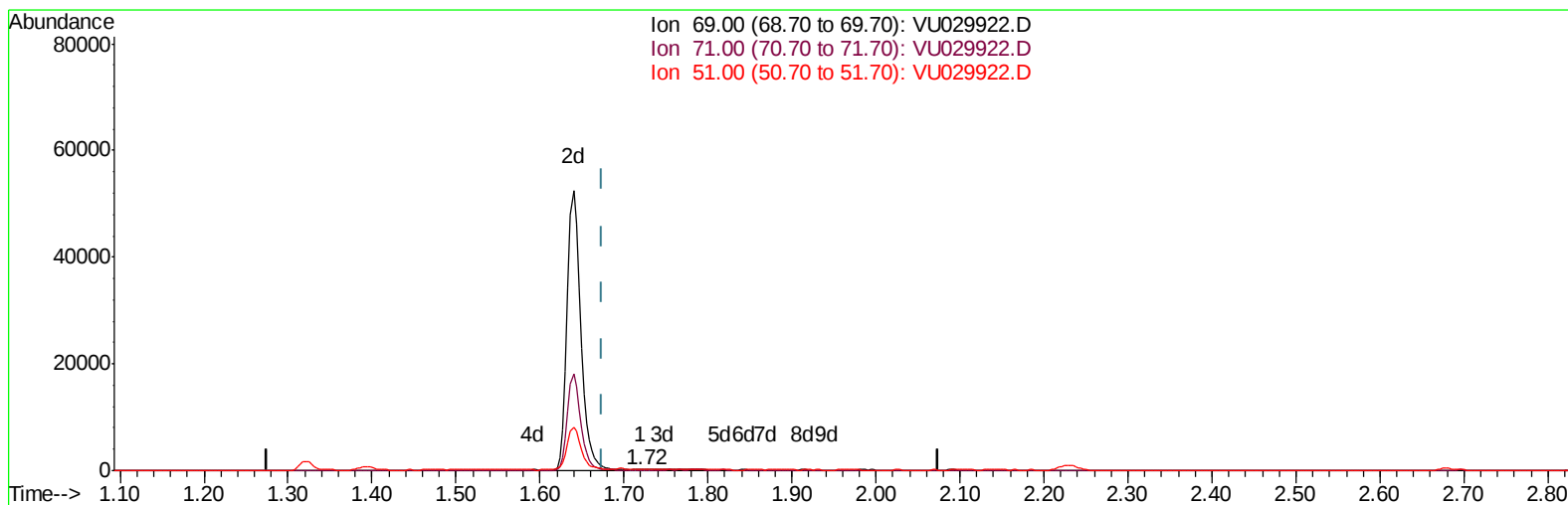
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Instrument :
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TIC: VU029922.D

(7) Chloroethane-d5 (S)

1.720min (+0.045) 0.03ug/L

response 74

Ion	Exp%	Act%
69.00	100	100
71.00	31.90	0.00#
51.00	24.10	89.19#
0.00	0.00	0.00

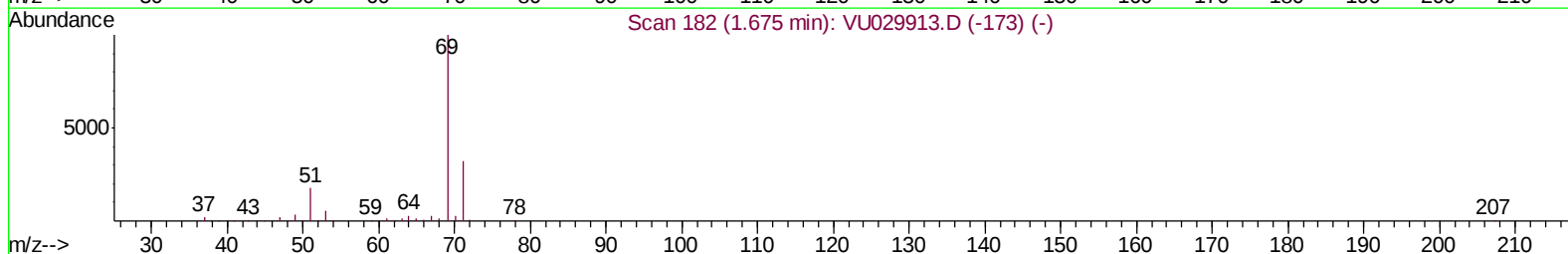
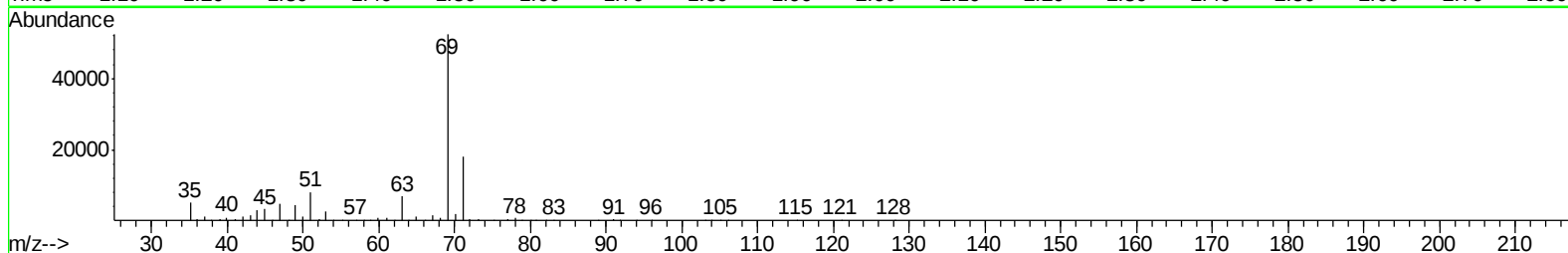
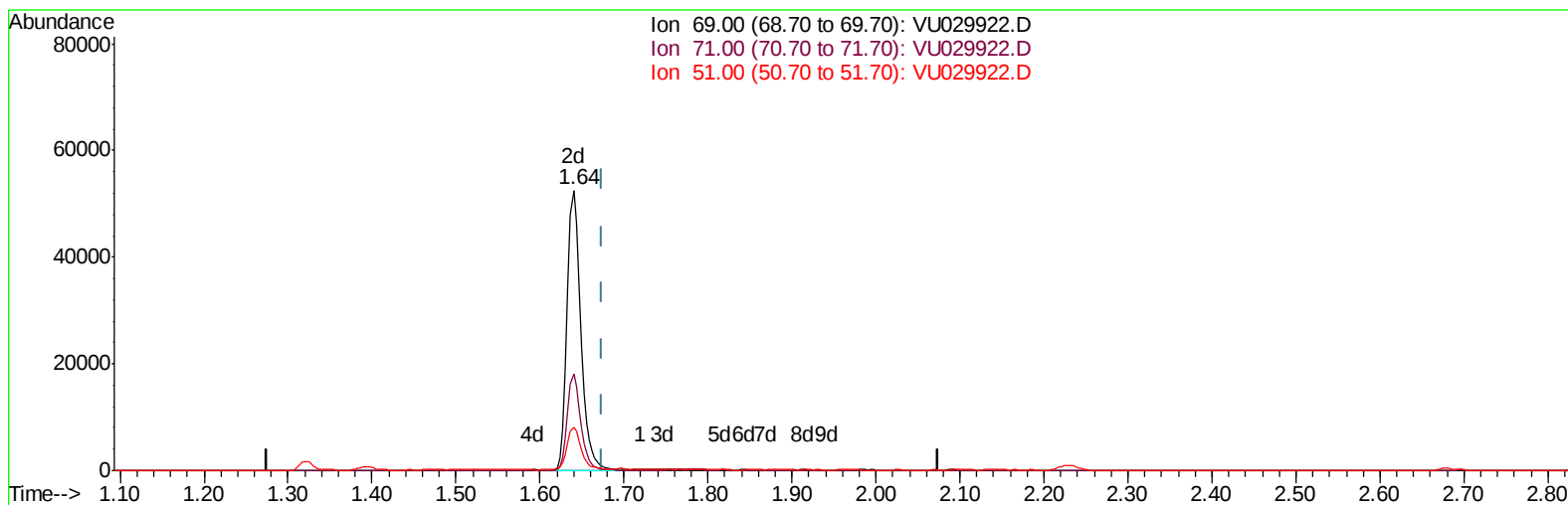
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Manual Integrations
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TIC: VU029922.D

(7) Chloroethane-d5 (S)

1.640min (-0.036) 20.44ug/L m

response 59454

Ion	Exp%	Act%
69.00	100	100
71.00	31.90	0.00#
51.00	24.10	0.11#
0.00	0.00	0.00

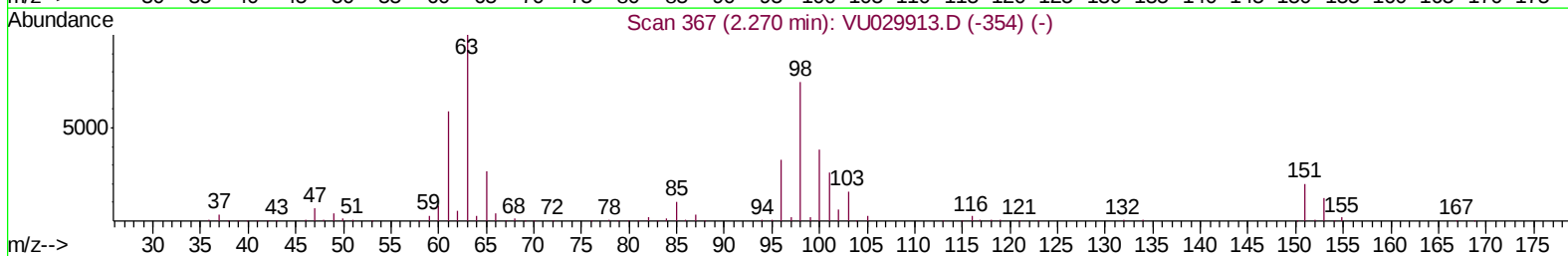
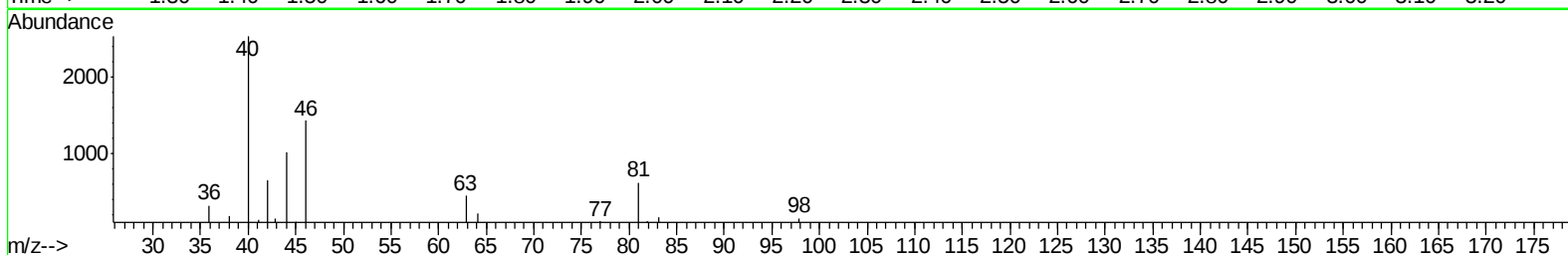
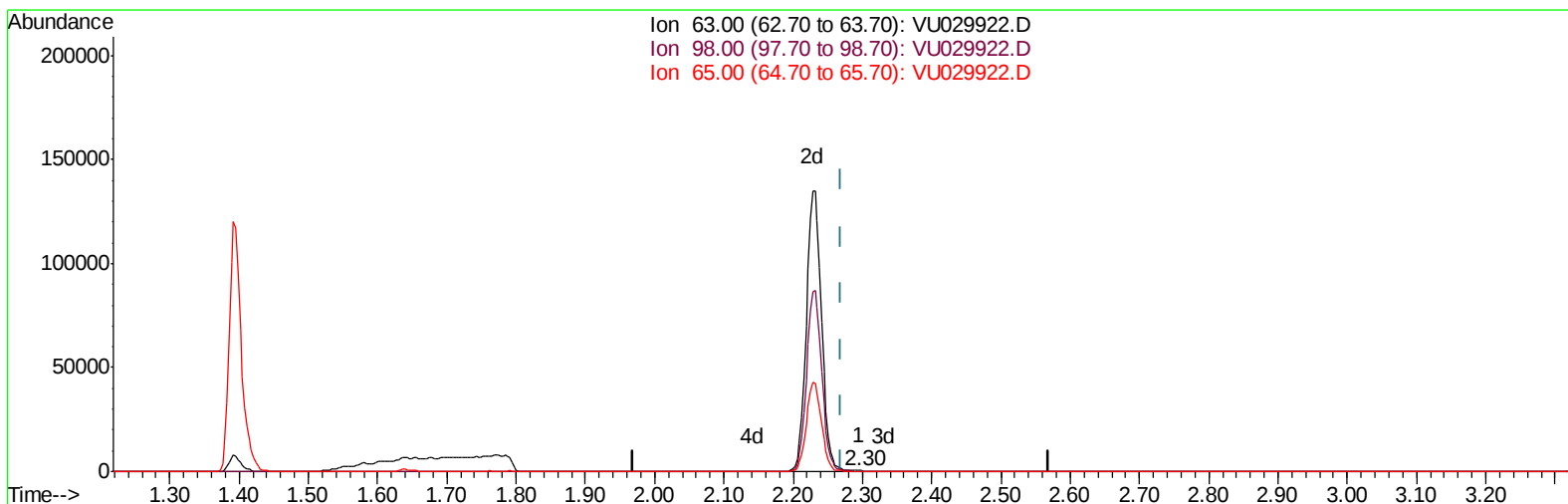
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TIC: VU029922.D

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

2.296min (+0.026) 0.02ug/L

response 150

Ion	Exp%	Act%
63.00	100	100
98.00	82.90	0.00#
65.00	23.60	60.67#
0.00	0.00	0.00

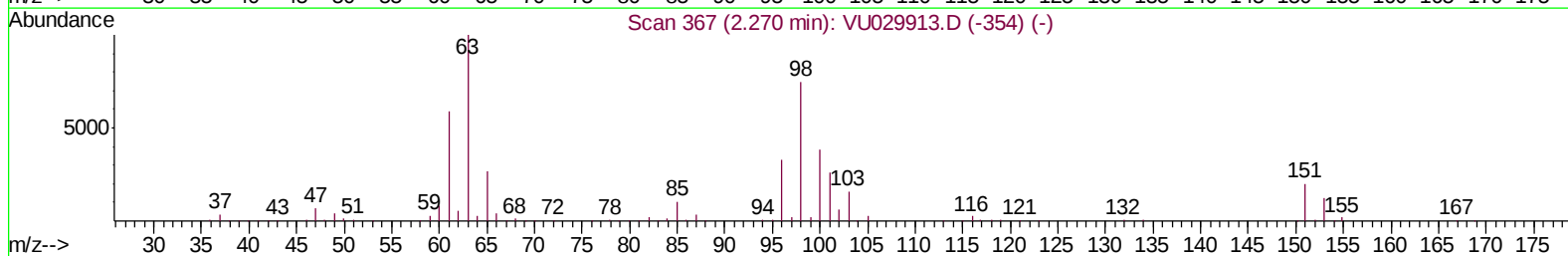
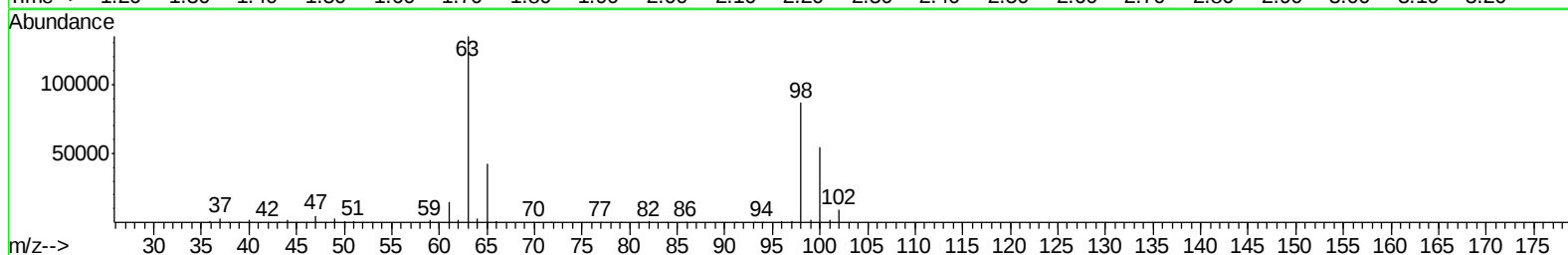
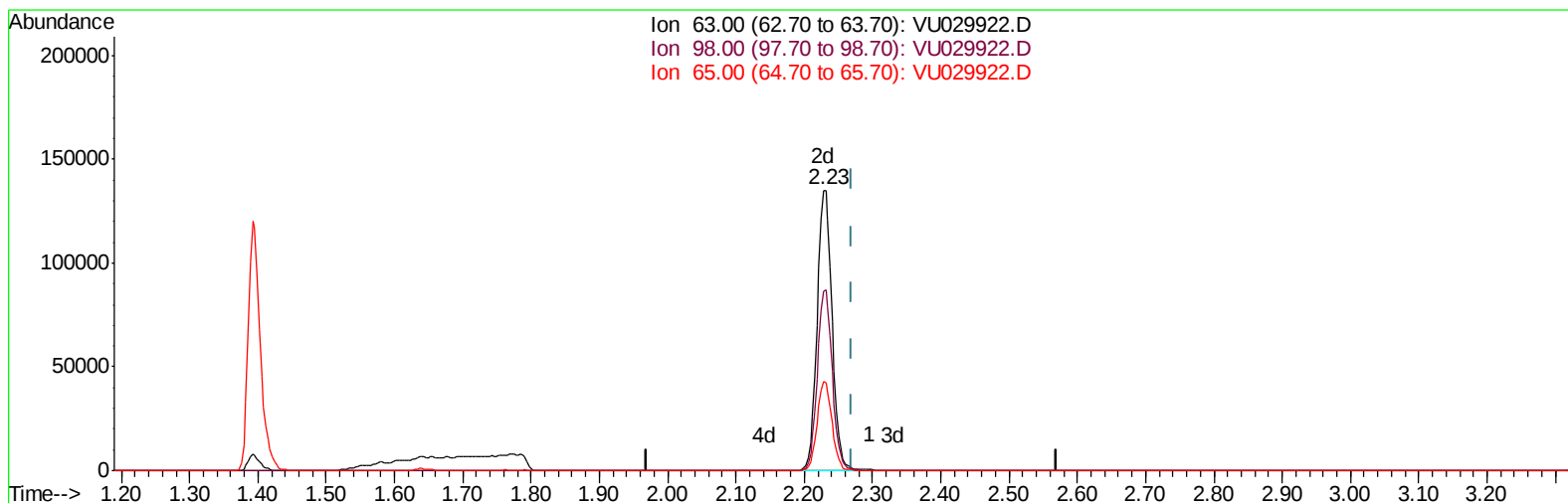
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Misc : 5.73g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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Manual Integrations
APPROVED

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Quant Time: Mar 11 03:40:32 2019
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TIC: VU029922.D

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

2.228min (-0.042) 31.45ug/L m

response 205069

Ion	Exp%	Act%
63.00	100	100
98.00	82.90	0.00#
65.00	23.60	0.04#
0.00	0.00	0.00

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Misc : 5.73g/5mL/100uL/5.0mL/MSVOA_U/MEOH
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Manual Integrations
APPROVED

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Quant Time: Mar 11 03:43:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 11 02:20:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	567019	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	573338	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	304460	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	146173	42.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.50%
7) Chloroethane-d5	1.64	69	59454m	20.44	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.88%#
11) 1,1-Dichloroethene-d2	2.23	63	205069m	31.45	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.90%
21) 2-Butanone-d5	4.19	46	230579	86.03	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.03%
24) Chloroform-d	4.64	84	263562	39.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.30%
26) 1,2-Dichloroethane-d4	5.30	65	168114	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.24%
32) Benzene-d6	5.33	84	580015	40.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.32	67	177205	41.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.12%
41) Toluene-d8	7.56	98	546432	39.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.72%#
43) trans-1,3-Dichloropropene-	7.85	79	81949	39.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.48%
47) 2-Hexanone-d5	8.32	63	213504	91.95	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.95%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	303105	44.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	246876	41.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.68%

Target Compounds						Qvalue
3) Chloromethane	1.32	50	62965	11.001	ug/L	99
6) Bromomethane	1.60	94	3555m	3.024	ug/L	

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

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