

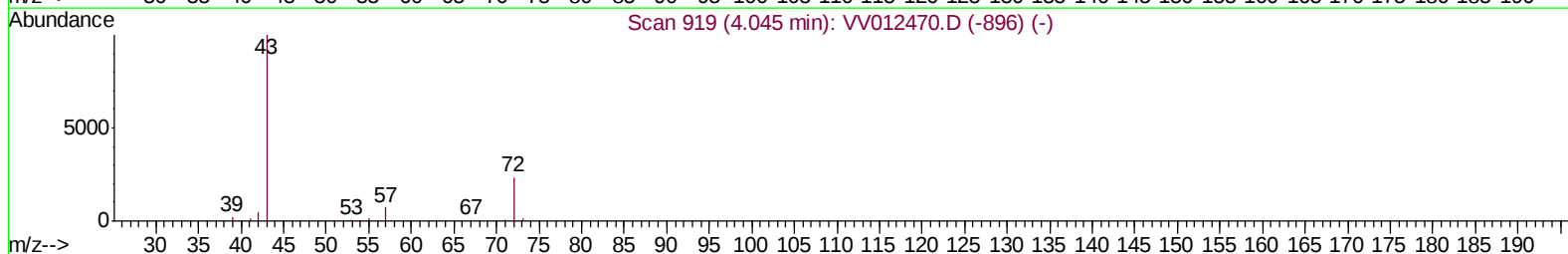
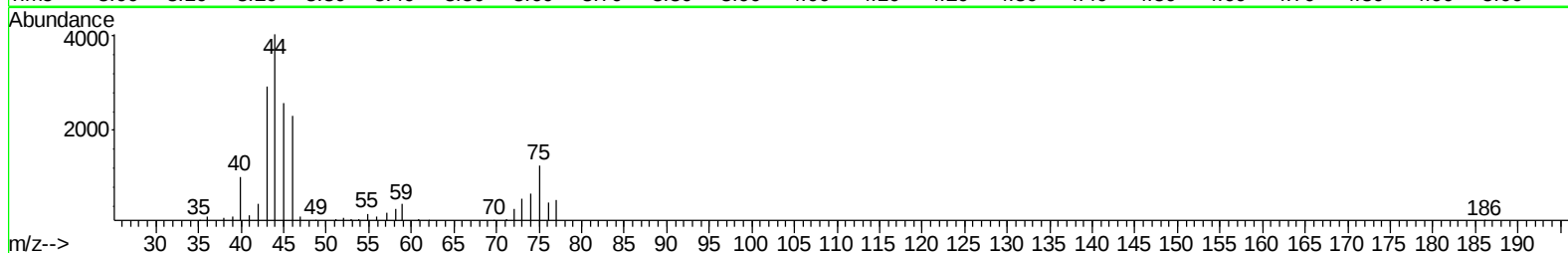
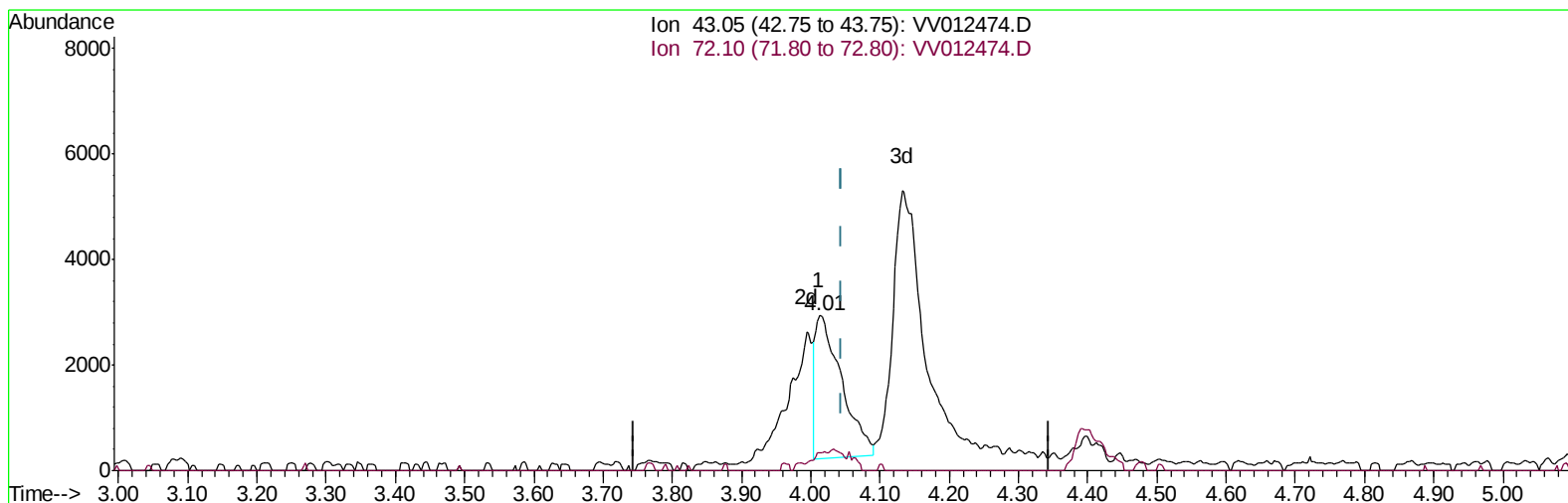
Data File : VV012474.D
Acq On : 31 Aug 2019 02:45
Operator : SY/MD
Sample : K4607-04
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD61

Manual Integrations
APPROVED

MMDadoda
9/2/2019 11:10:27 AM

Quant Time: Aug 31 05:17:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 05:14:34 2019
Response via : Initial Calibration



TIC: VV012474.D

(21) 2-Butanone (T)
4.013min (-0.032) 2.07ug/L
response 7124

Ion	Exp%	Act%
43.05	100	100
72.10	23.50	3.13#
0.00	0.00	0.00
0.00	0.00	0.00

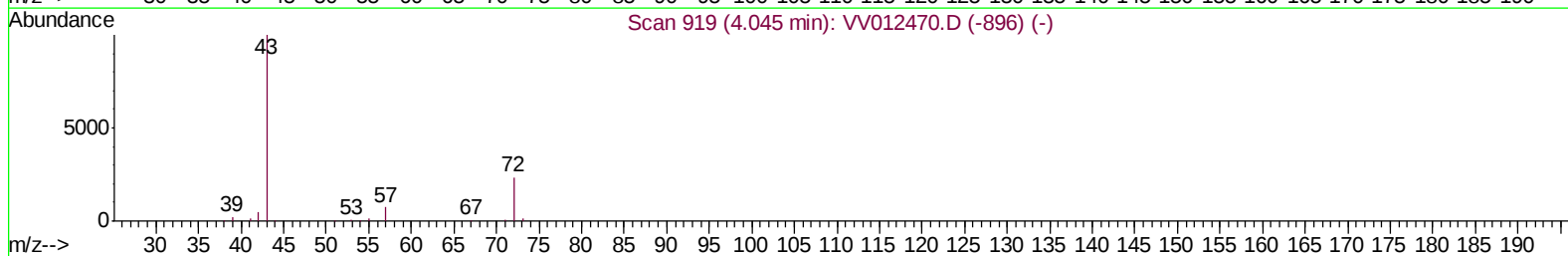
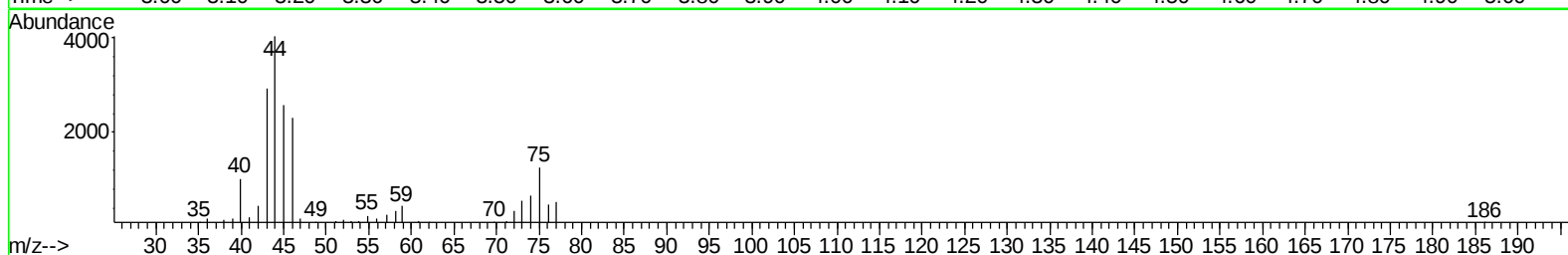
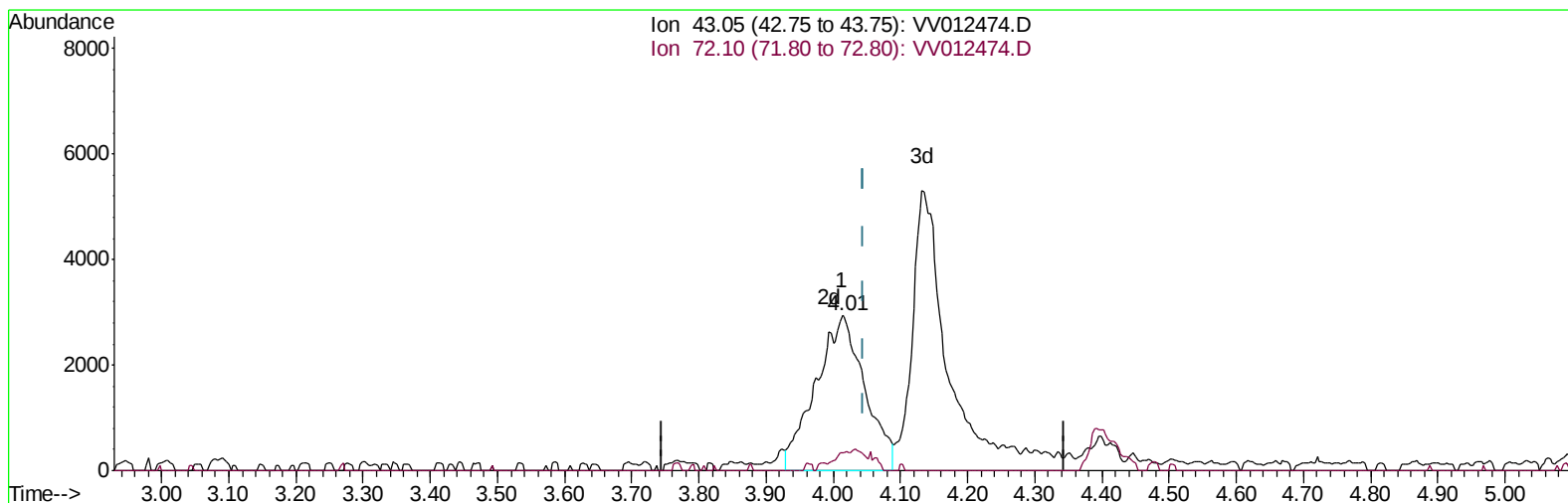
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TIC: VV012474.D

(21) 2-Butanone (T)
4.013min (-0.032) 4.31ug/L m
response 14839

Ion	Exp%	Act%
43.05	100	100
72.10	23.50	1.50#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	141193	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	149546	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59945	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43597	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.59	69	35612	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.20%
11) 1,1-Dichloroethene-d2	2.14	63	56146	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	3.94	46	100543	39.20	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.40%
24) Chloroform-d	4.40	84	75123	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.60%#
26) 1,2-Dichloroethane-d4	5.08	65	50985	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.10	84	163945	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	6.12	67	56596	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.80%
41) Toluene-d8	7.36	98	128612	3.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.80%#
43) trans-1,3-Dichloropropene-	7.67	79	20256	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
46) 2-Hexanone-d5	8.14	63	75428	38.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51285	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	52131	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

					Qvalue
13) Acetone	2.19	43	10840	5.784	ug/L 100
21) 2-Butanone	4.01	43	14839m	4.307	ug/L
25) Chloroform	4.43	83	14540	0.517	ug/L 96
42) Toluene	7.43	91	62058	0.979	ug/L 100
47) Tetrachloroethene	8.02	164	2022	0.160	ug/L 84
55) Styrene	9.60	104	76079	1.891	ug/L 94

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

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