

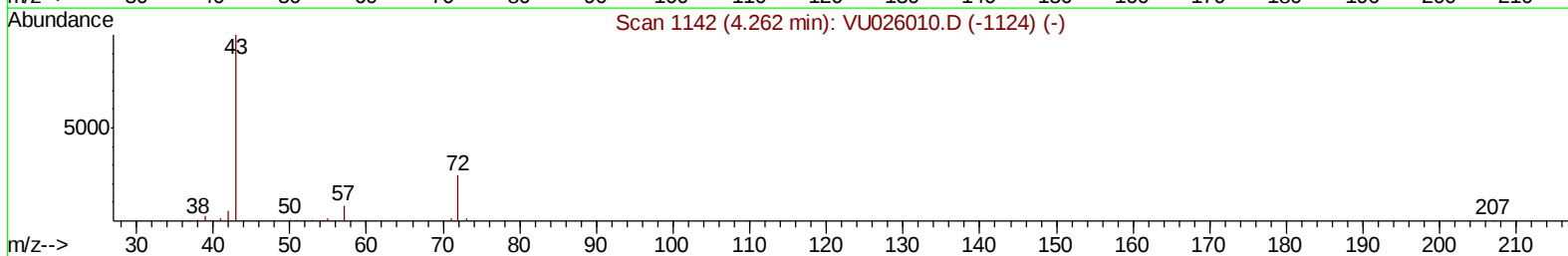
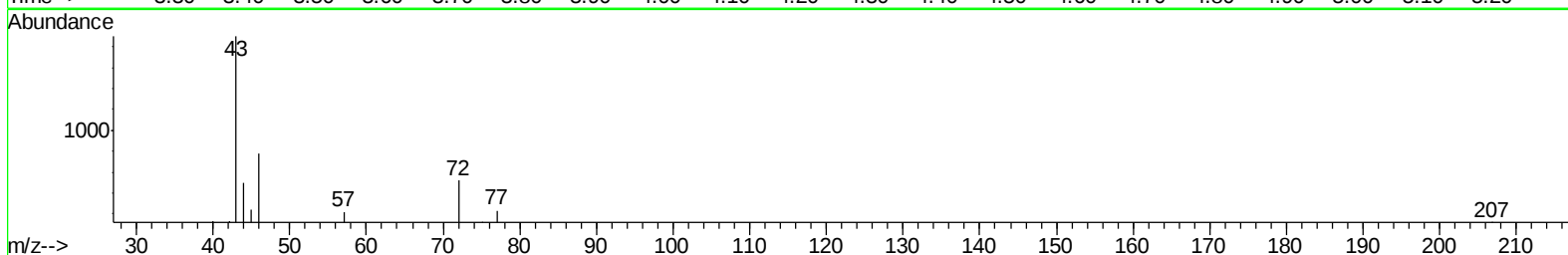
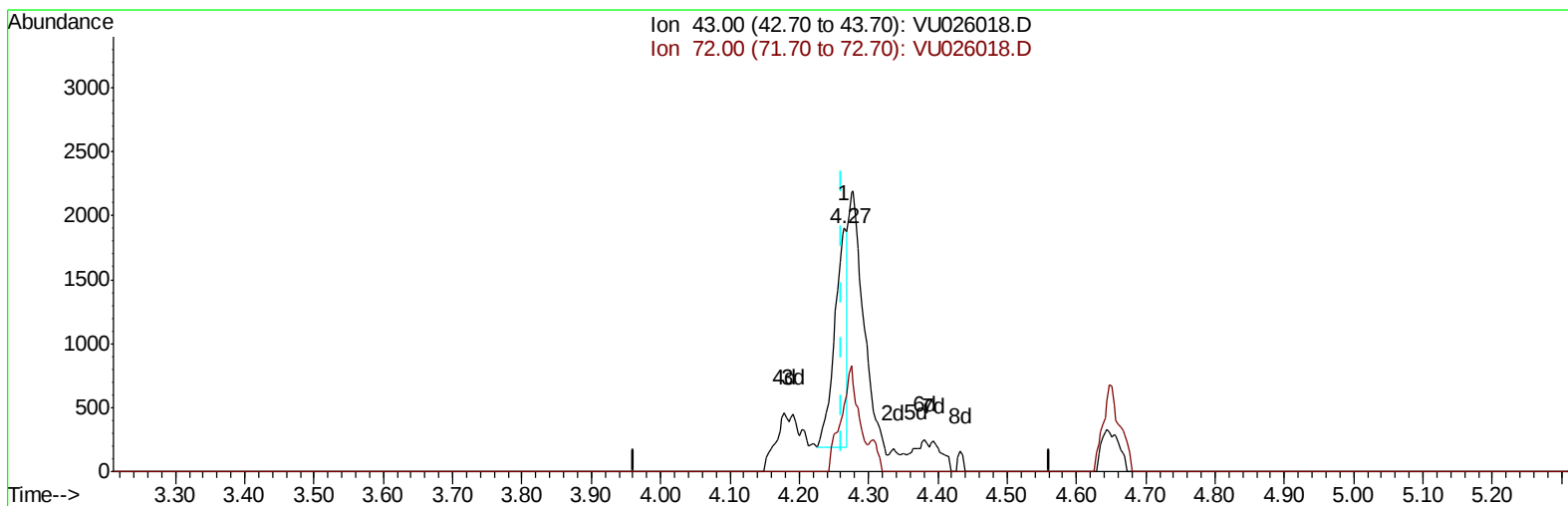
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080918\
Data File : VU026018.D
Acq On : 10 Aug 2018 00:30
Operator : MD/SY
Sample : J4401-02 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A4ZE0

Manual Integrations
APPROVED

MMDadoda
8/10/2018 4:08:57 PM

Quant Time: Aug 10 07:42:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 10 07:39:13 2018
Response via : Initial Calibration



TIC: VU026018.D

(22) 2-Butanone (T)
4.265min (+0.003) 1.36ug/L

response 2158

Ion	Exp%	Act%
43.00	100	100
72.00	27.00	67.24#
0.00	0.00	0.00
0.00	0.00	0.00

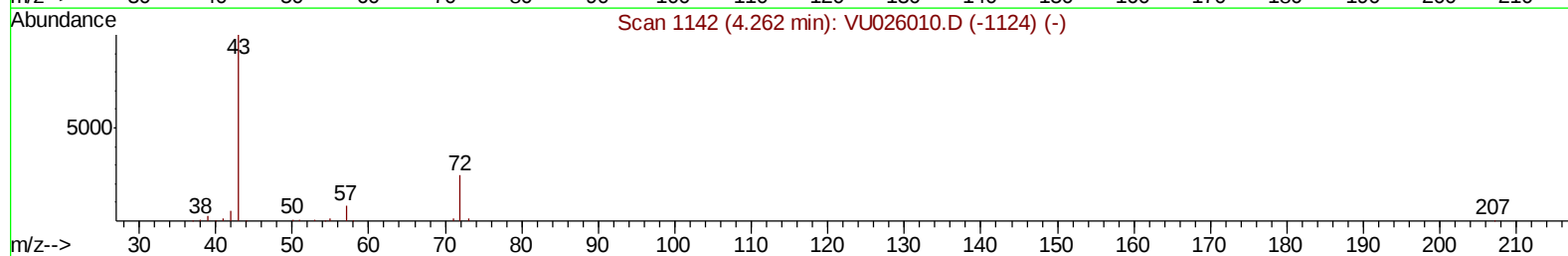
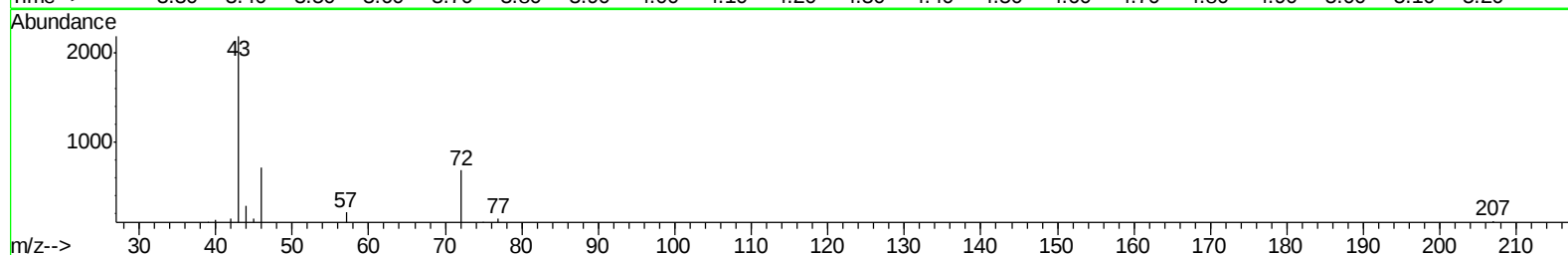
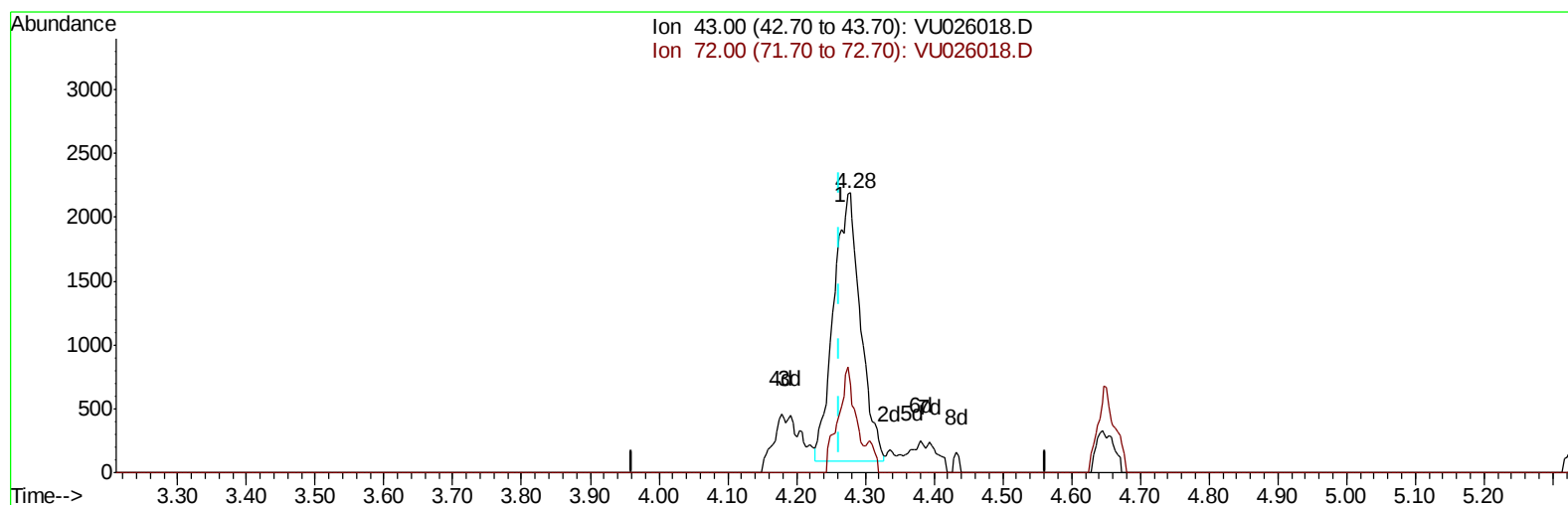
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TIC: VU026018.D

(22) 2-Butanone (T)

4.278min (+0.016) 3.60ug/L m

response 5703

Ion	Exp%	Act%
43.00	100	100
72.00	27.00	25.44
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	5.89	114	289073	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	273019	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	124065	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76619	36.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.52%
7) Chloroethane-d5	1.68	69	69107	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.50%
11) 1,1-Dichloroethene-d2	2.27	63	116151	28.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.86%#
21) 2-Butanone-d5	4.18	46	152235	86.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.44%
24) Chloroform-d	4.65	84	189345	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
26) 1,2-Dichloroethane-d4	5.31	65	129729	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
32) Benzene-d6	5.35	84	359085	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.72%
36) 1,2-Dichloropropane-d6	6.33	67	119342	43.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.00%
41) Toluene-d8	7.57	98	321107	39.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.18%#
43) trans-1,3-Dichloropropene-	7.85	79	54083	39.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.26%
47) 2-Hexanone-d5	8.31	63	107497	86.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	170914	42.61	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.22%
64) 1,2-Dichlorobenzene-d4	11.86	152	138395	45.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	19653	17.964	ug/L	95
22) 2-Butanone	4.28	43	5703m	3.603	ug/L	
51) Chlorobenzene	9.12	112	480968	86.423	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	18311	4.741	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	154612	38.186	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	244330	59.430	ug/L	99
67) 1,3,5-Trichlorobenzene	13.51	180	144449	50.040	ug/L	99
68) 1,2,4-Trichlorobenzene	13.51	180	144449	59.173	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	39730	15.143	ug/L	99

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

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