

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120718\
 Data File : VU028532.D
 Acq On : 07 Dec 2018 15:23
 Operator : MD/SY
 Sample : J6299-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

sam
 12/11/2018 4:25:43 PM

Quant Time: Dec 07 15:43:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 12:12:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	104216	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	100504	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	46513	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65614	67.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	134.84%
7) Chloroethane-d5	1.68	69	49468	67.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	135.60%#
11) 1,1-Dichloroethene-d2	2.27	63	87229	50.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.66%
21) 2-Butanone-d5	4.17	46	106420	136.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	136.15%#
24) Chloroform-d	4.65	84	102323	66.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.86%#
26) 1,2-Dichloroethane-d4	5.31	65	70667	69.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	139.16%#
32) Benzene-d6	5.34	84	217331	69.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	138.32%#
36) 1,2-Dichloropropane-d6	6.33	67	78372	69.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	138.88%#
41) Toluene-d8	7.57	98	188849	65.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	131.82%#
43) trans-1,3-Dichloropropene-	7.85	79	35350	68.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	136.98%#
47) 2-Hexanone-d5	8.31	63	75364	137.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	137.90%#
57) 1,1,2,2-Tetrachloroethane-	10.43	84	97114	66.24	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	132.48%#
64) 1,2-Dichlorobenzene-d4	11.86	152	66894	70.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	141.78%#

Target Compounds

					Qvalue
8) Chloroethane	1.40	64	963	1.455 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	645	0.890 ug/L #	21
12) 1,1-Dichloroethene	2.27	96	556	0.810 ug/L #	1
13) Acetone	2.32	43	6792	7.772 ug/L	92
27) 1,2-Dichloroethane	5.34	62	1301	1.013 ug/L #	76
33) Benzene	5.34	78	1572	0.438 ug/L	100
35) Methylcyclohexane	6.33	83	15863	10.806 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	8014	7.478 ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	2029	1.334 ug/L #	77
44) trans-1,3-Dichloropropene	7.85	75	1569	1.118 ug/L	95
59) 1,2,3-Trichloropropane	11.48	75	6485	5.355 ug/L	94

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

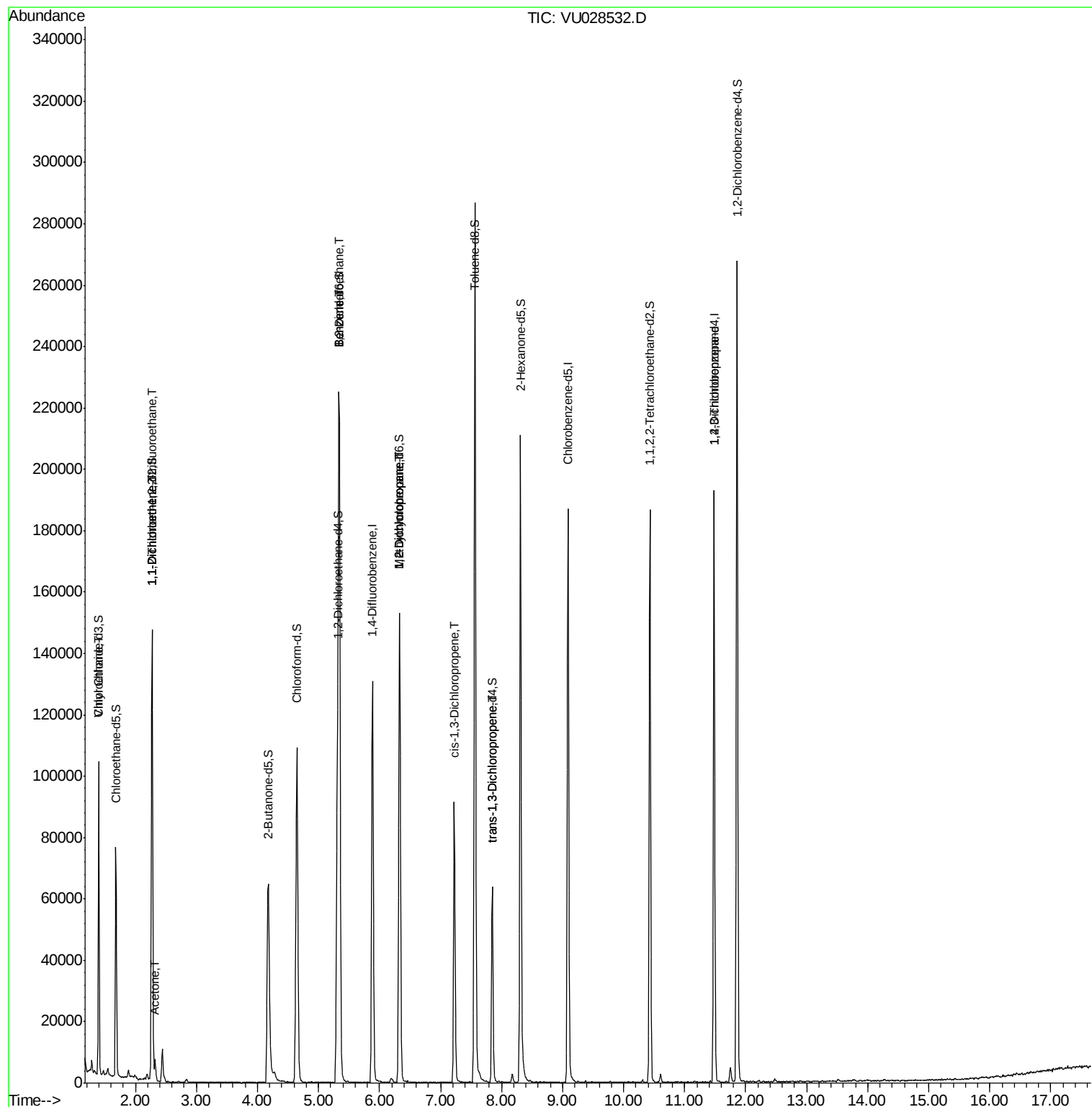
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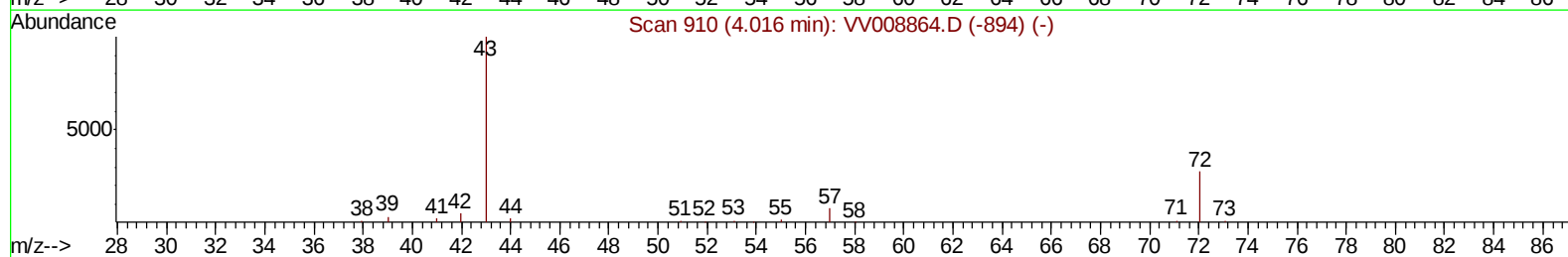
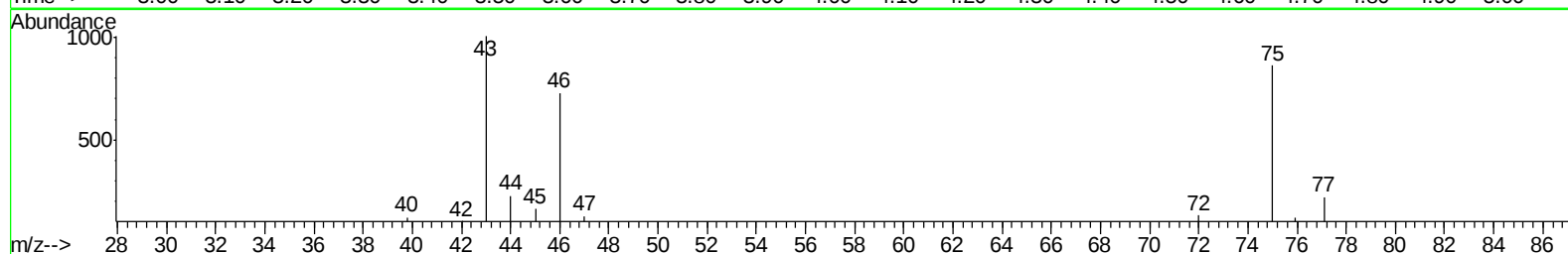
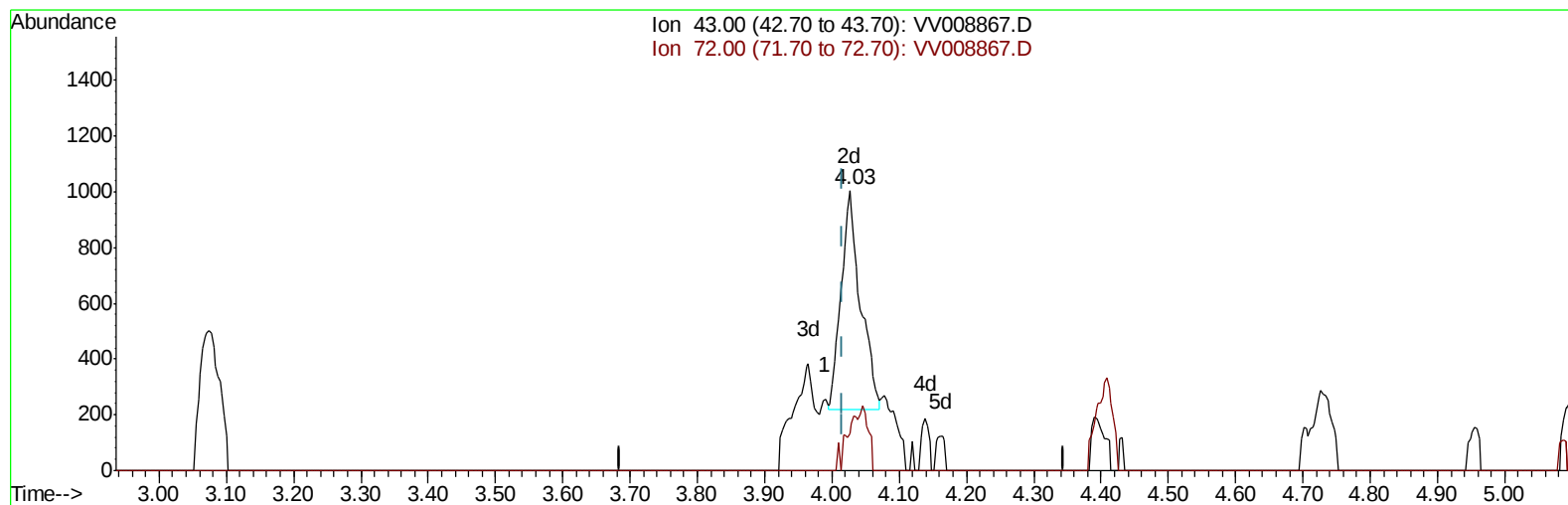
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120618\
Data File : VV008867.D
Acq On : 06 Dec 2018 20:57
Operator : SY/MD
Sample : MDL02
Misc : 5.00g/10.0 mL/MSVOA_V/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL02

Manual Integrations
APPROVED

sam
12/11/2018 4:25:43 PM

Quant Time: Dec 07 15:44:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 07 01:37:11 2018
Response via : Initial Calibration



TIC: VV008867.D

(21) 2-Butanone

4.026min (+0.010) 1.59ug/L m

response 1565

Ion	Exp%	Act%
43.00	100	100
72.00	27.40	1.28#
0.00	0.00	0.00
0.00	0.00	0.00