

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW081618\
 Data File : VW004694.D
 Acq On : 15 Aug 2018 12:59
 Operator : SY/AP
 Sample : VIBLK84
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK84

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 11:47:02 AM

Quant Time: Aug 16 04:39:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 16 02:39:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	825552	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	843921	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	379676	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	270532	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.48%
7) Chloroethane-d5	2.90	69	229130	22.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.36%
10) 1,1-Dichloroethene-d2	4.01	63	394892	16.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.80%
20) 2-Butanone-d5	7.09	46	259360	73.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	146.10%#
24) Chloroform-d	7.65	84	565349	25.55	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	8.31	65	321301m	27.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.64%
29) Benzene-d6	8.28	84	1112592	23.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.04%
33) 1,2-Dichloropropane-d6	9.28	67	361491	24.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.36%
37) Toluene-d8	10.33	98	967950	22.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.16%
38) trans-1,3-Dichloropropene-	10.58	79	139442	23.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.44%
39) 2-Hexanone-d5	10.93	63	200892	68.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	136.76%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	402518	29.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	402418	27.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.76%

Target Compounds					Ovalue
16) Methylene chloride	4.92	84	44592	2.704 ug/L	99
59) 1,2,3-Trichloropropane	13.57	75	43643	4.173 ug/L	92

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

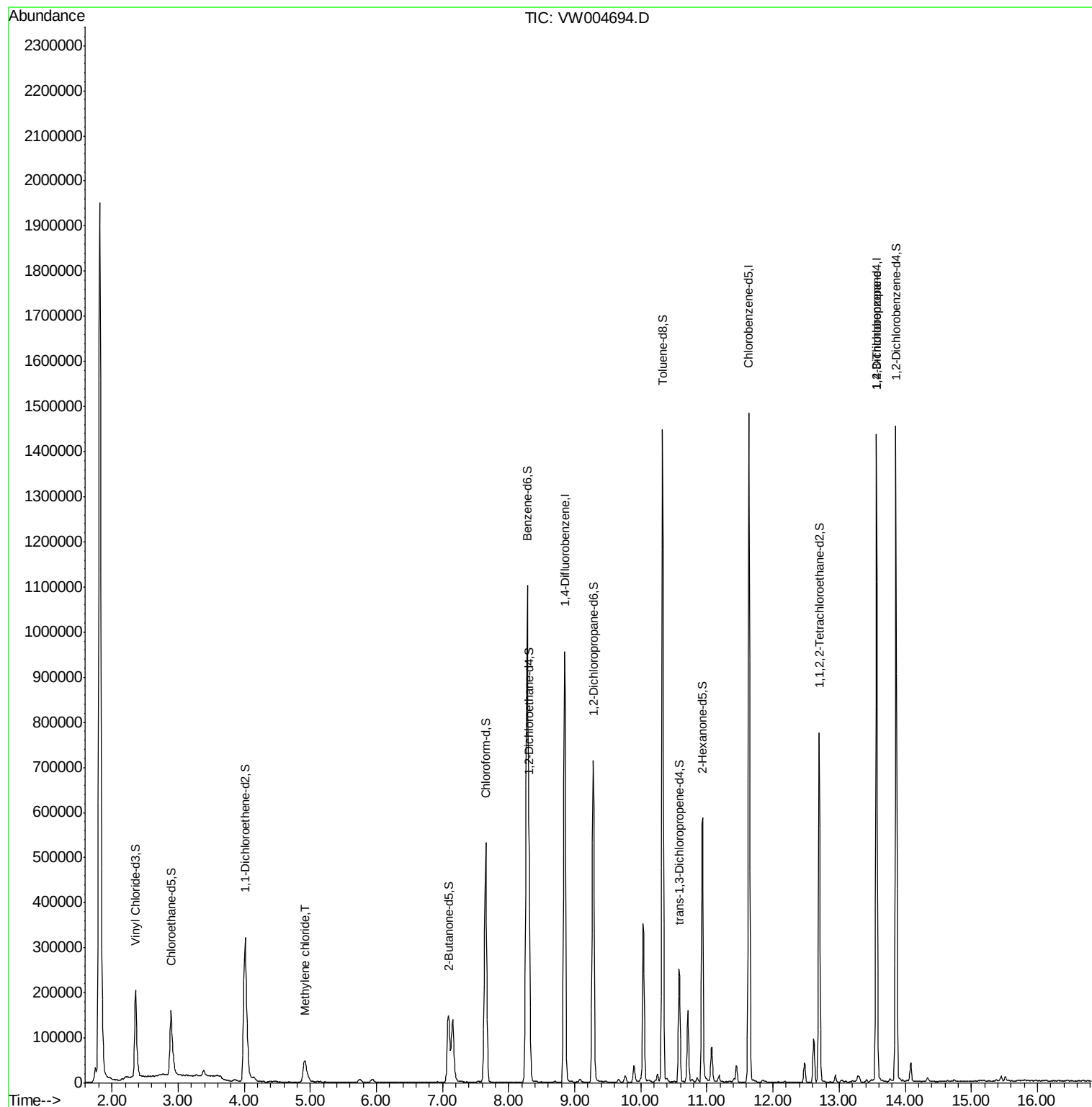
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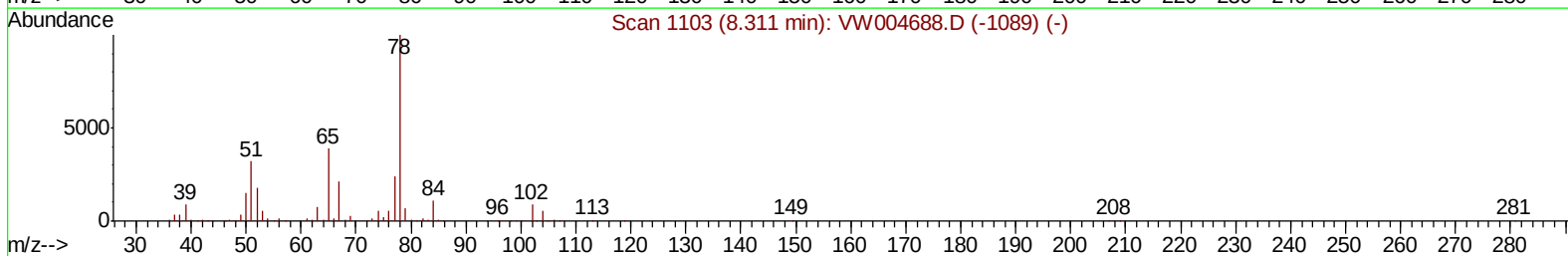
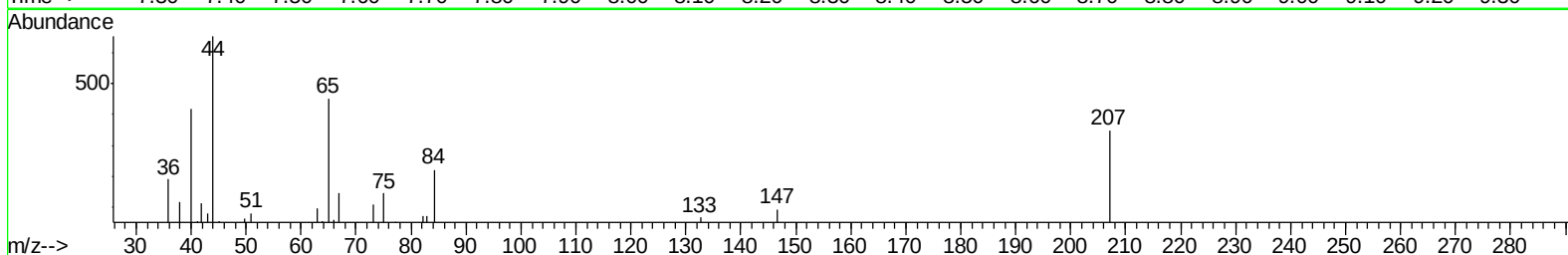
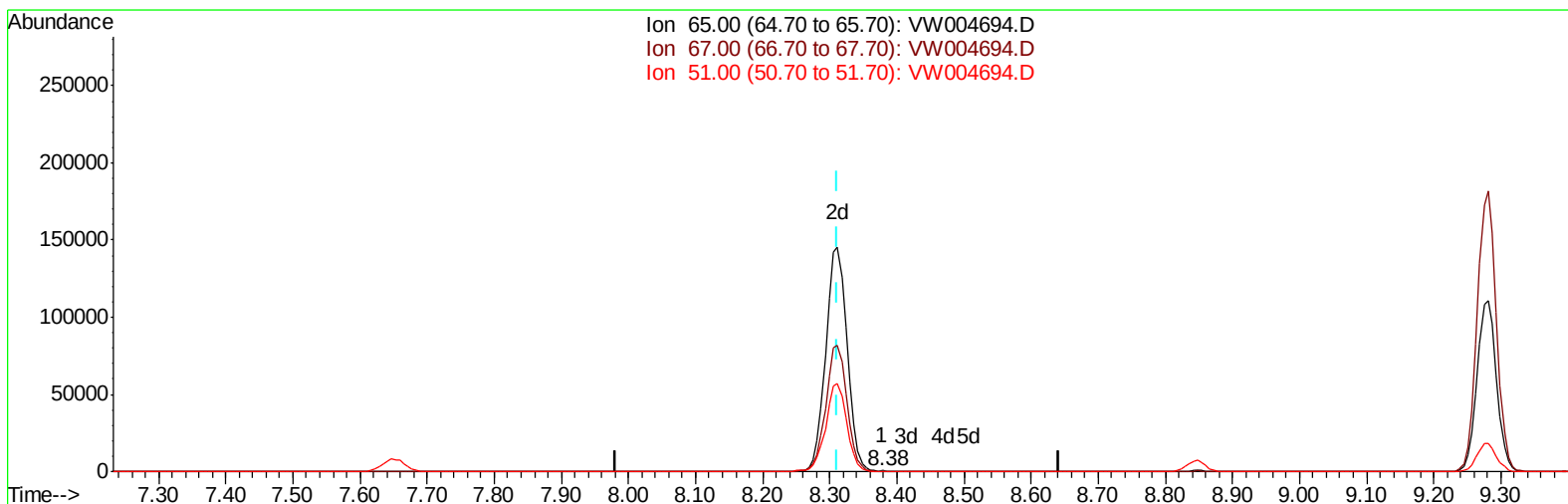
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TIC: VW004694.D

(26) 1,2-Dichloroethane-d4 (S)

8.379min (+0.067) 0.02ug/L

response 277

Ion	Exp%	Act%
65.00	100	100
67.00	55.60	40.07
51.00	109.80	76.90
0.00	0.00	0.00

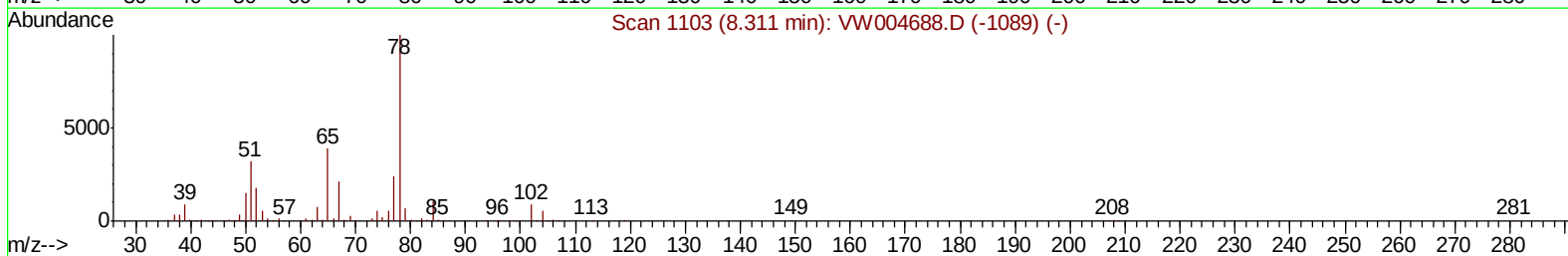
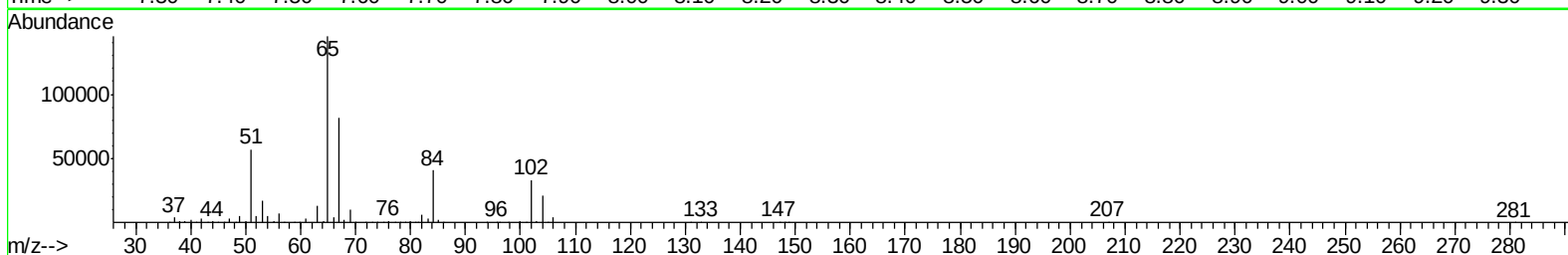
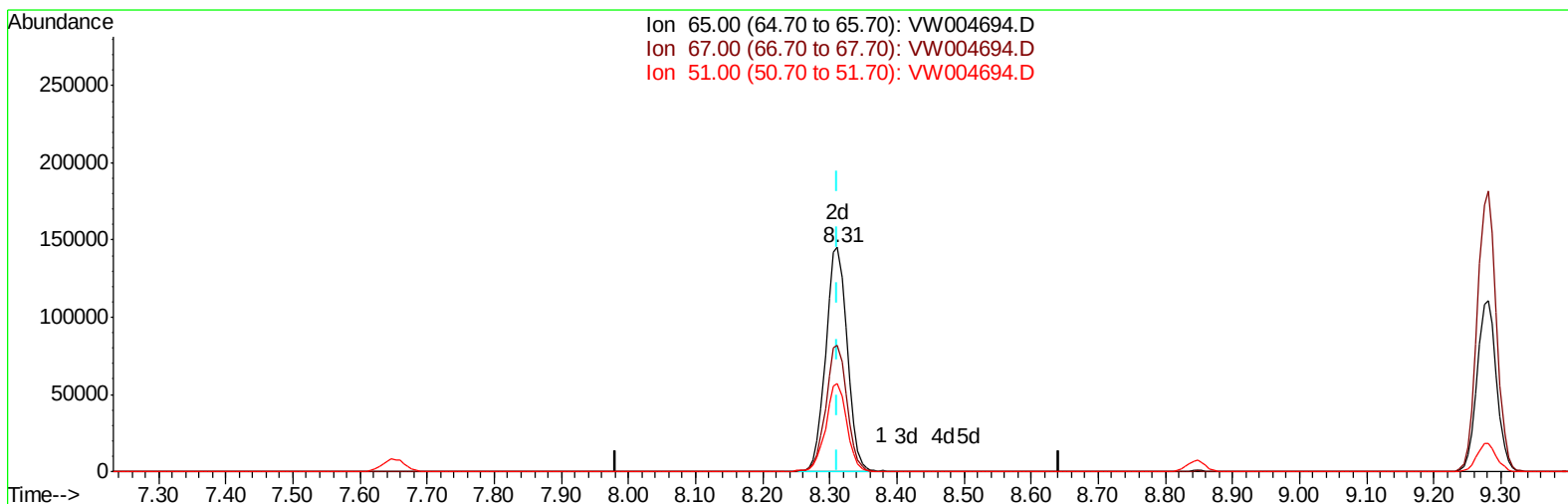
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(26) 1,2-Dichloroethane-d4 (S)

8.312min (-0.000) 27.41ug/L m

response 321301

Ion	Exp%	Act%
65.00	100	100
67.00	55.60	0.03#
51.00	109.80	0.07#
0.00	0.00	0.00