

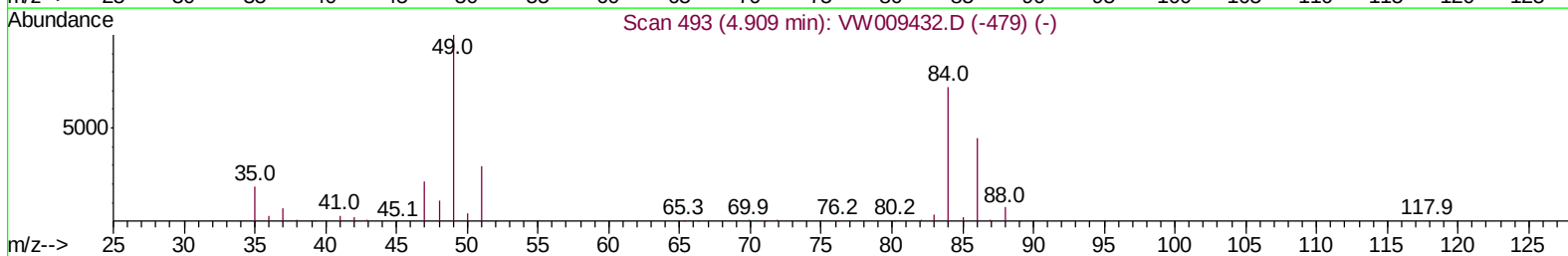
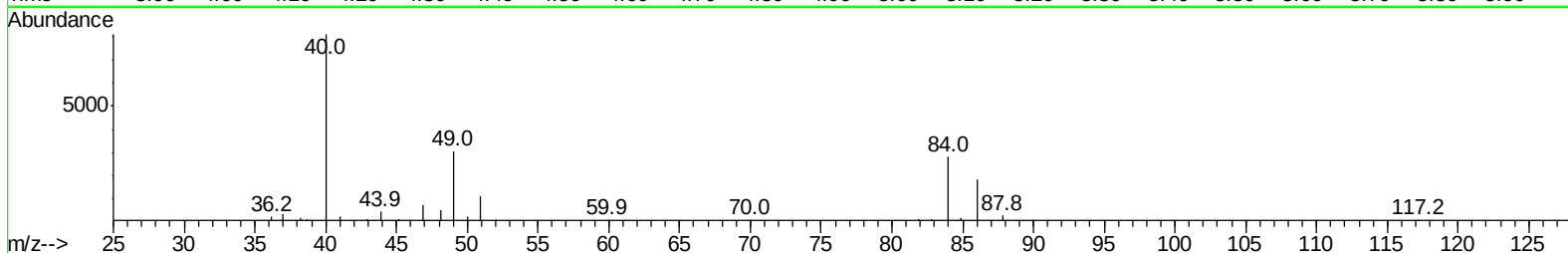
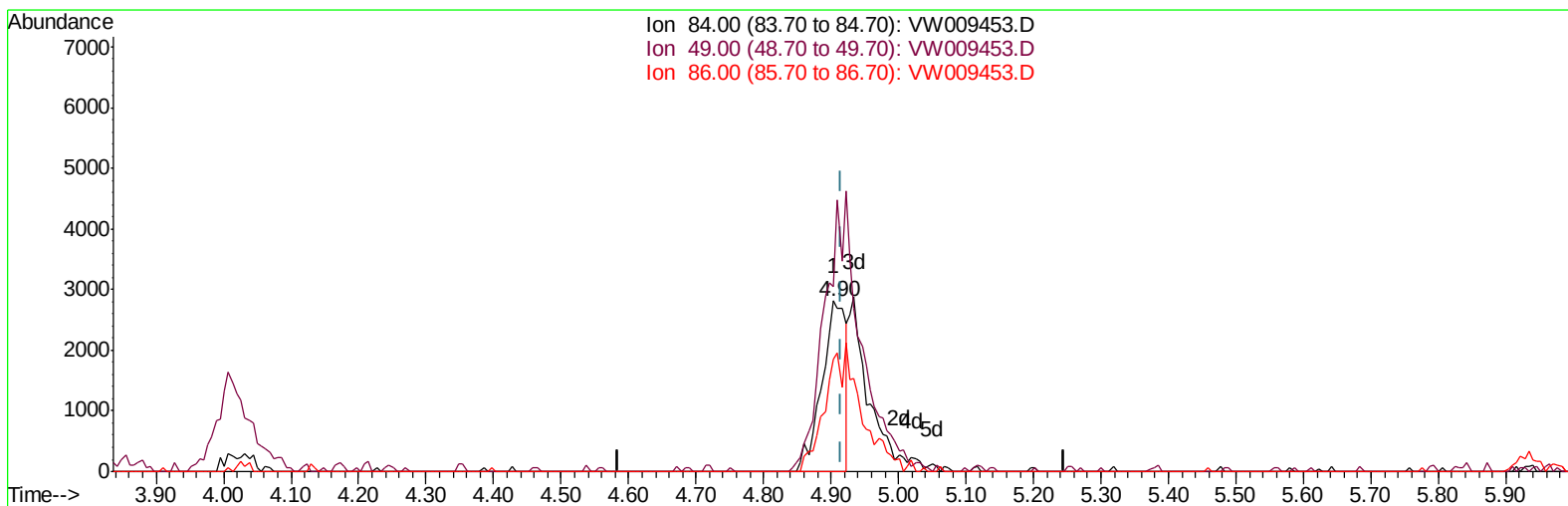
Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW032519\
Data File : VW009453.D
Acq On : 26 Mar 2019 03:08
Operator : SY/VA
Sample : VIBLK16
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK16

Manual Integrations
APPROVED

MMDadoda
3/27/2019 12:15:34 PM

Quant Time: Mar 26 09:07:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 09:00:24 2019
Response via : Initial Calibration



TIC: VW009453.D

(16) Methylene chloride (T)

4.903min (-0.012) 1.11ug/L

response 6811

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	108.53
86.00	63.50	65.72
0.00	0.00	0.00

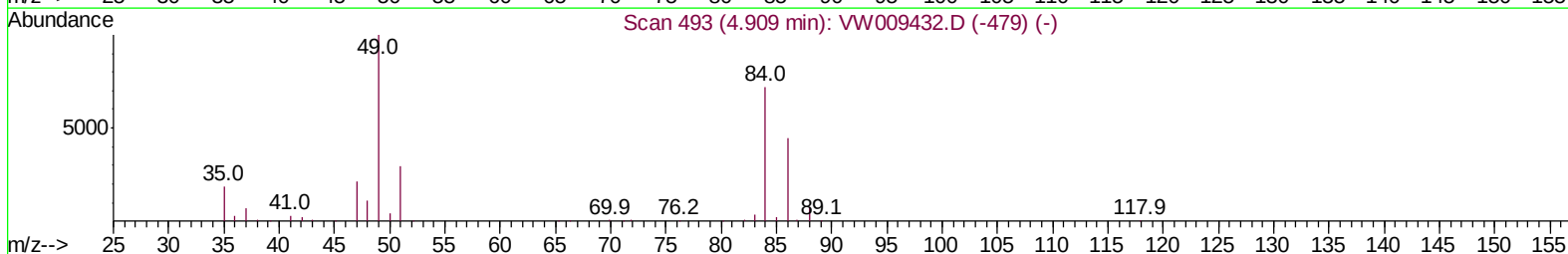
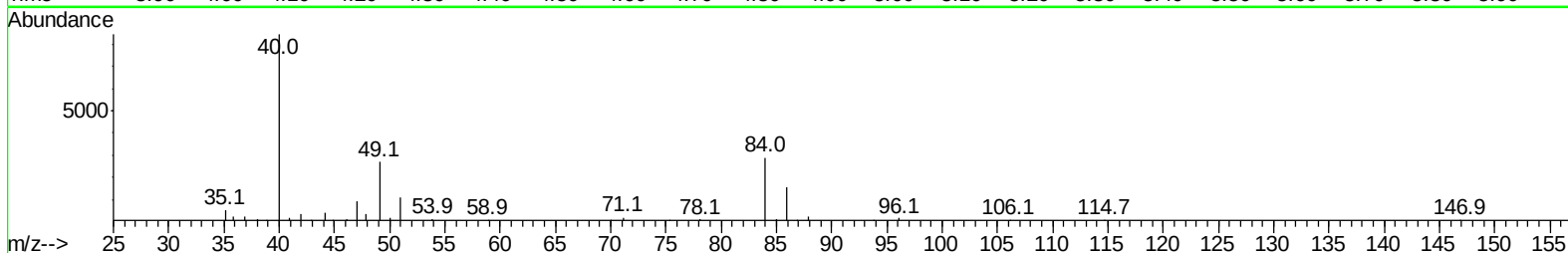
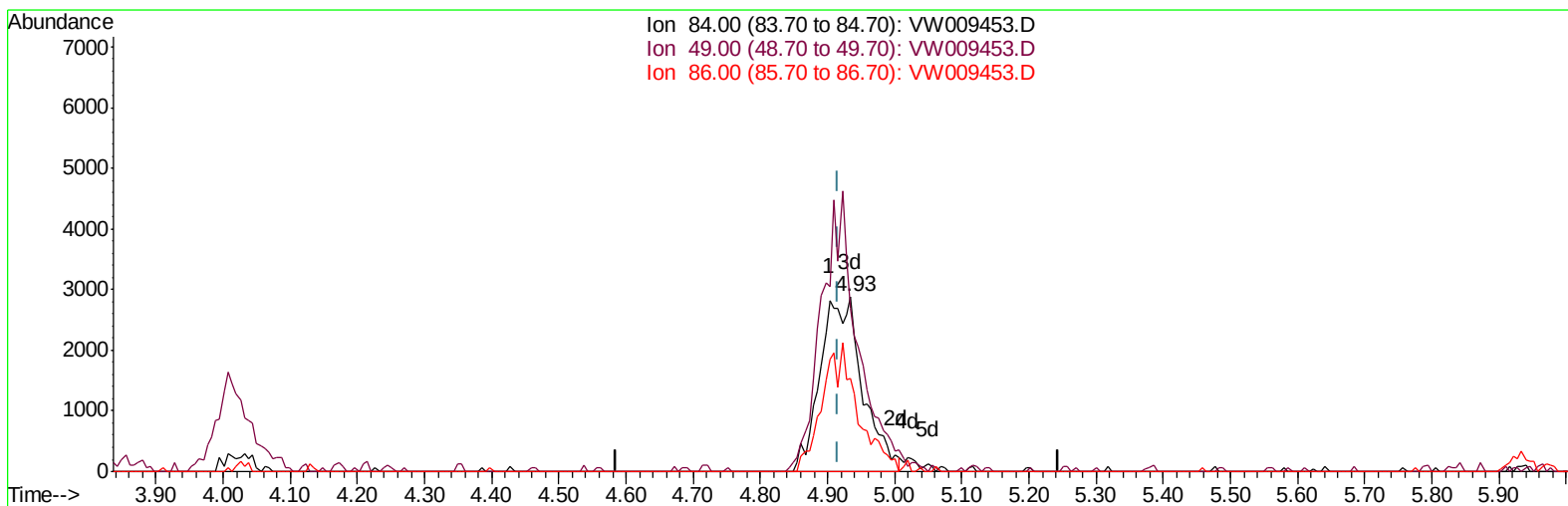
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TIC: VW009453.D

(16) Methylene chloride (T)

4.934min (+0.019) 2.05ug/L m

response 12571

Ion	Exp%	Act%
84.00	100	100
49.00	137.10	93.45#
86.00	63.50	53.02
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	420598	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	424856	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	198753	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	80495	16.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.08%
7) Chloroethane-d5	2.89	69	94345	16.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.16%
10) 1,1-Dichloroethene-d2	4.01	63	135460	12.47	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.88%
20) 2-Butanone-d5	7.08	46	89964	43.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.56%
24) Chloroform-d	7.64	84	229290	19.98	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.92%
26) 1,2-Dichloroethane-d4	8.31	65	144142	20.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.40%
29) Benzene-d6	8.27	84	407261	17.38	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.52%
33) 1,2-Dichloropropane-d6	9.27	67	132681	18.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	75.40%
37) Toluene-d8	10.32	98	355791	16.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.68%
38) trans-1,3-Dichloropropene-	10.58	79	57249	16.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	64.80%
39) 2-Hexanone-d5	10.93	63	64727	37.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141730	20.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	148432	19.48	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.92%

Target Compounds				Ovalue
16) Methylene chloride	4.93	84	12571m	2.050 ug/L

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

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