

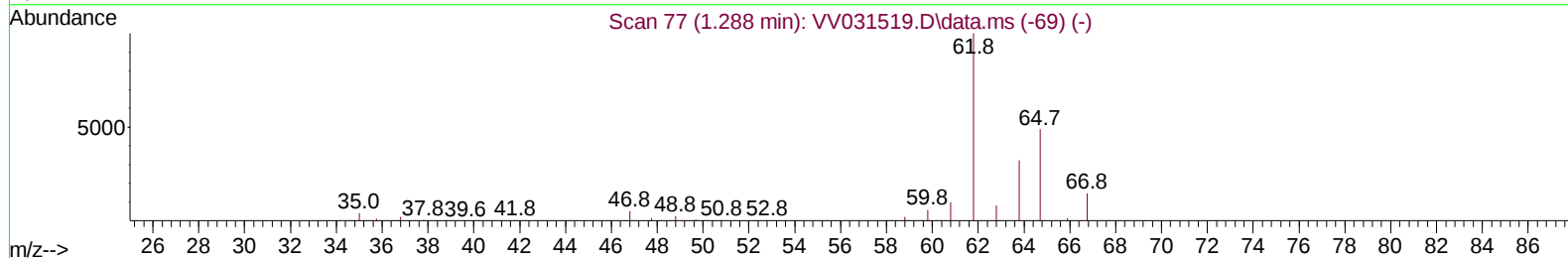
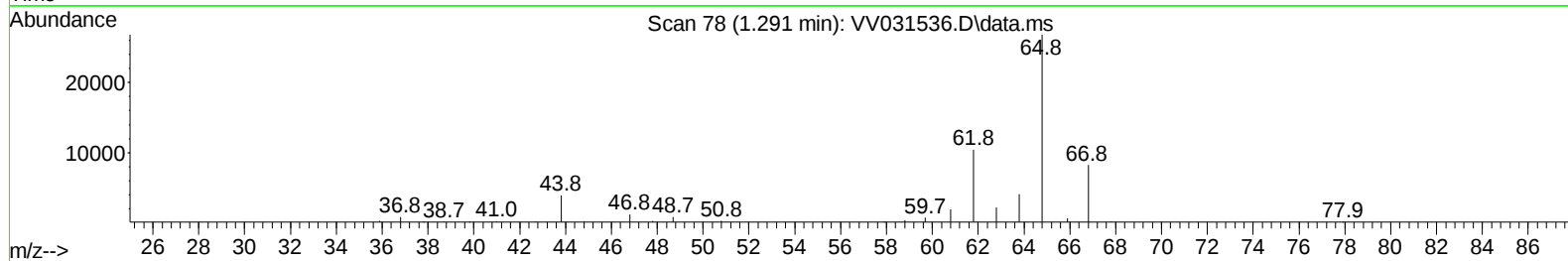
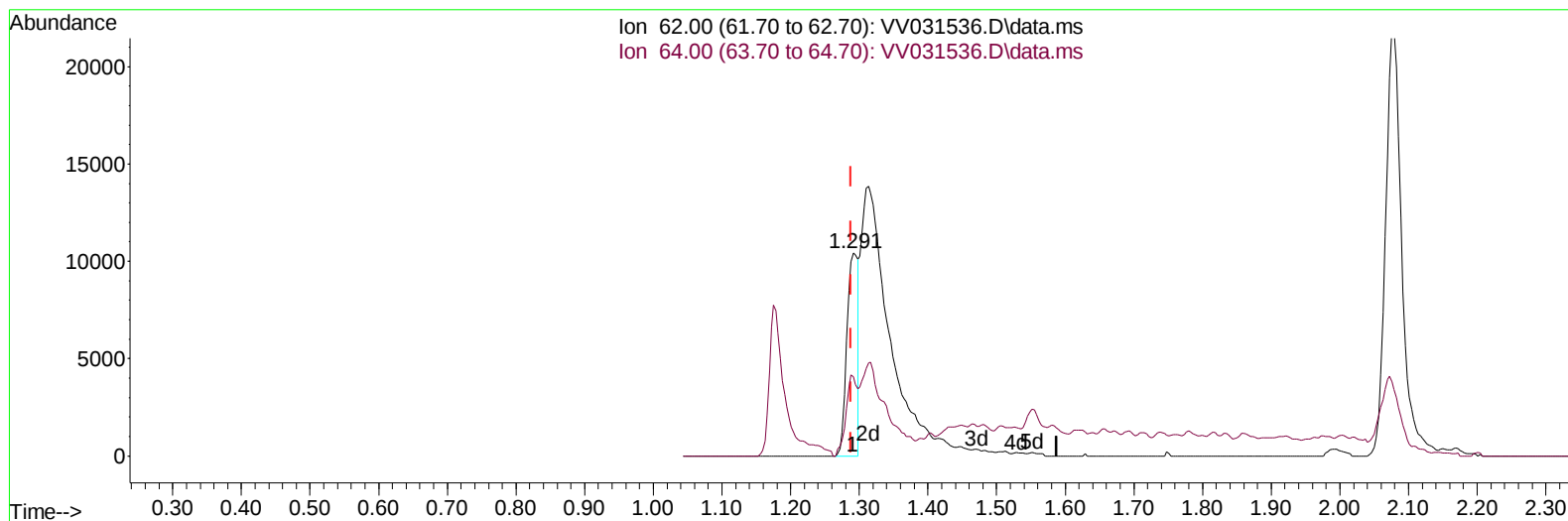
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061523\
Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
Operator : SY/MD
Sample : 03249-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYT4

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 06/16/2023
Supervised By :Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 02:50:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
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QLast Update : Fri Jun 16 02:44:48 2023
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TIC: VV031536.D\data.ms

(5) Vinyl chloride (T)

1.291min (+ 0.003) 5.02 ug/L

response 11604

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	33.40	38.91
0.00	0.00	0.00
0.00	0.00	0.00

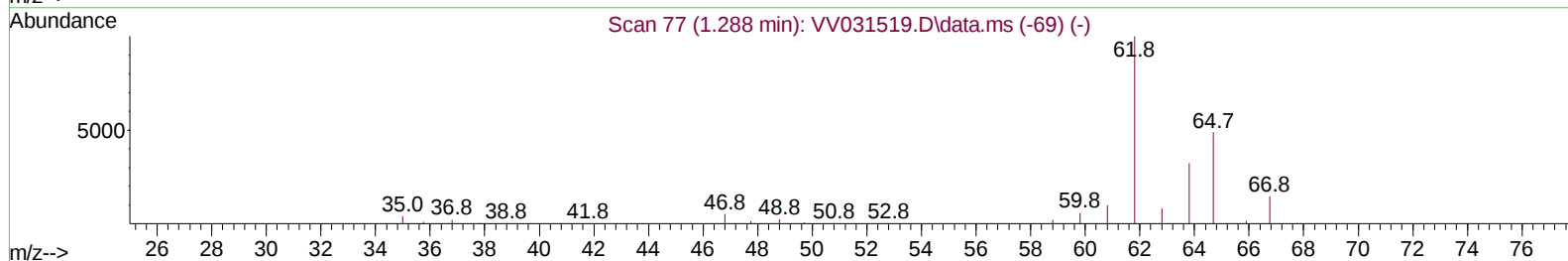
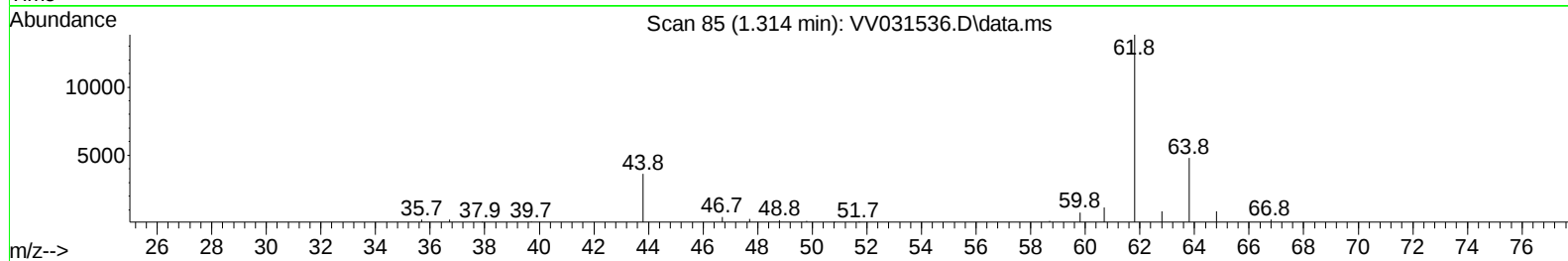
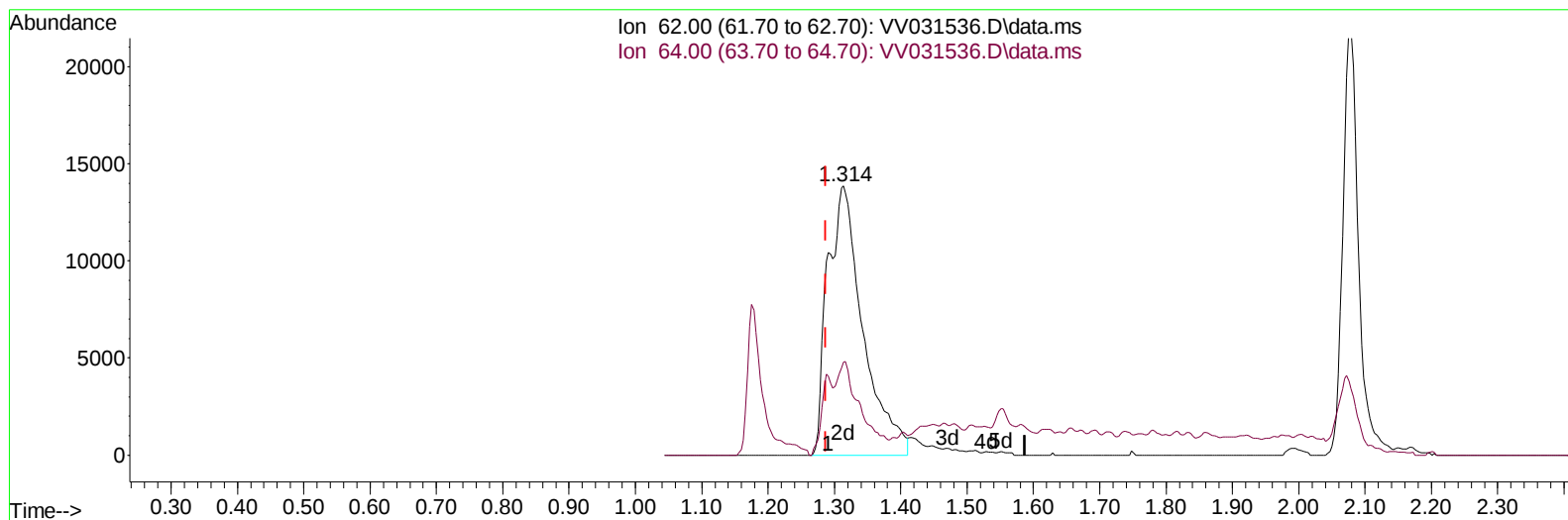
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TIC: VV031536.D\data.ms

(5) Vinyl chloride (T)

1.314min (+ 0.026) 22.11 ug/L m

response 51088

Ion	Exp%	Act%
62.00	100.00	100.00
64.00	33.40	34.63
0.00	0.00	0.00
0.00	0.00	0.00

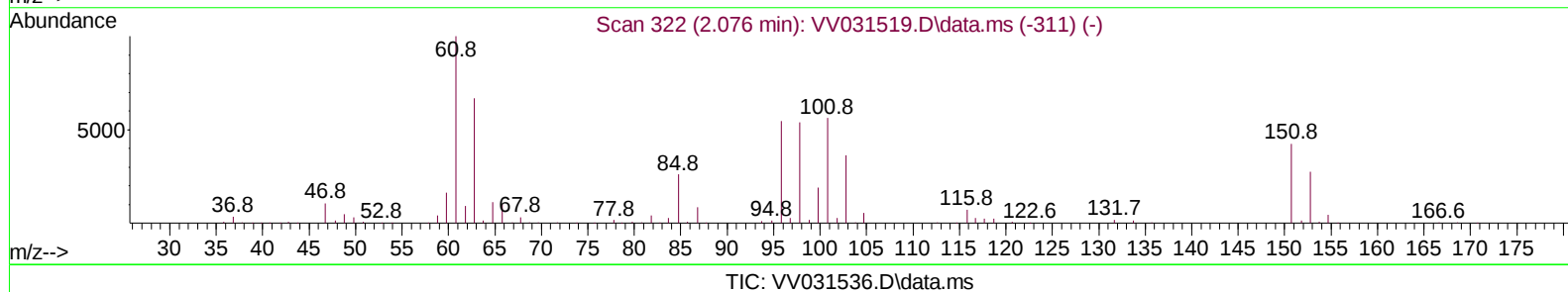
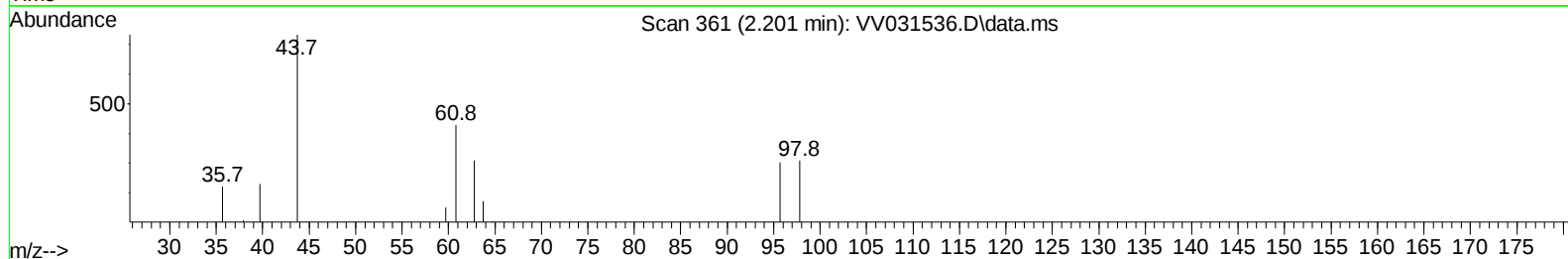
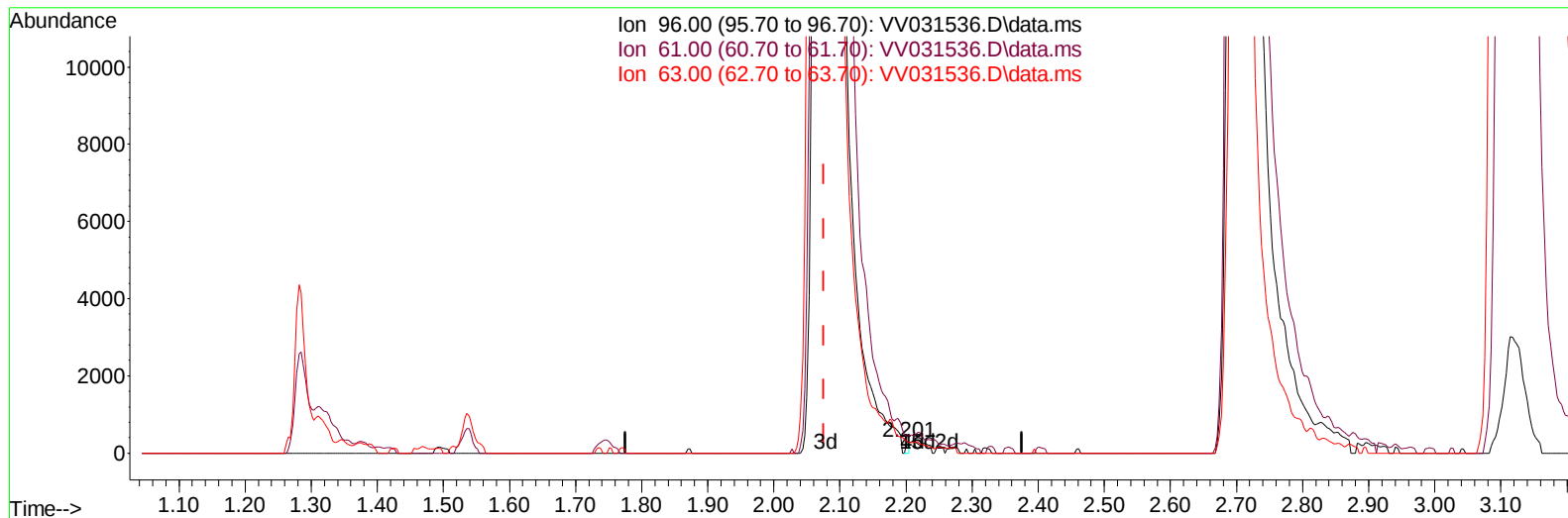
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Data File : VV031536.D
Acq On : 15 Jun 2023 17:09
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Instrument :
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(12) 1,1-Dichloroethene (T)

2.201min (+ 0.126) 0.06 ug/L

response 110

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	184.20	141.45
63.00	136.20	158.22
0.00	0.00	0.00

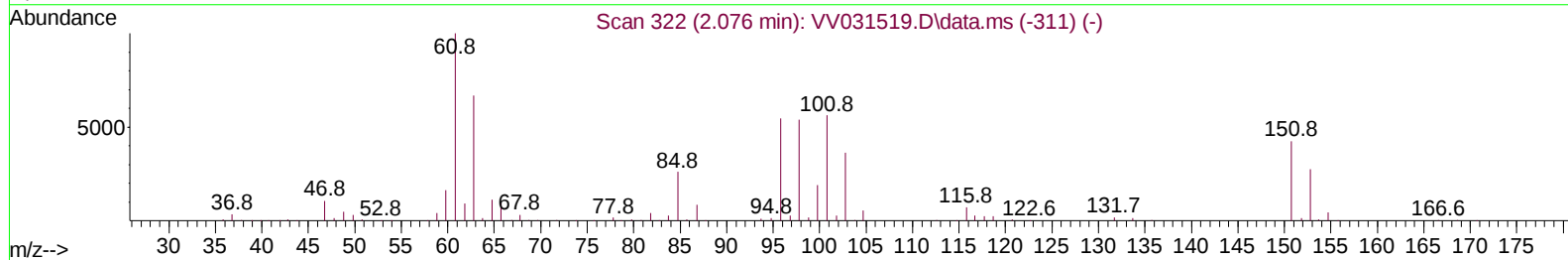
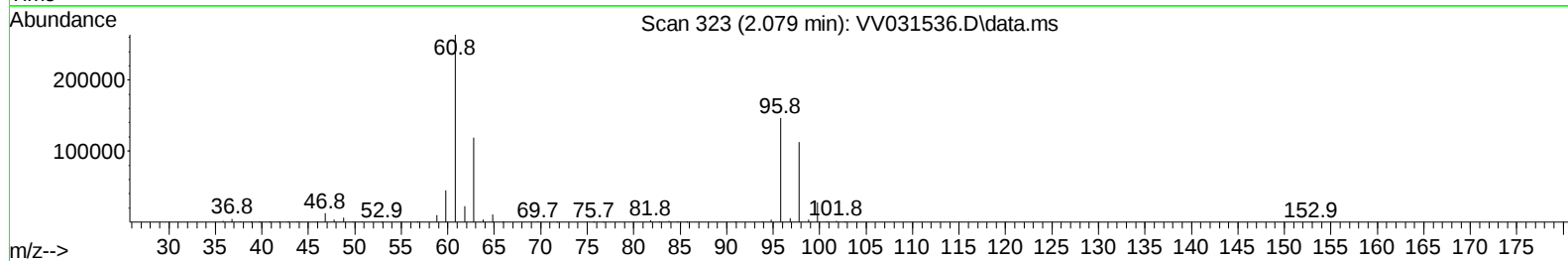
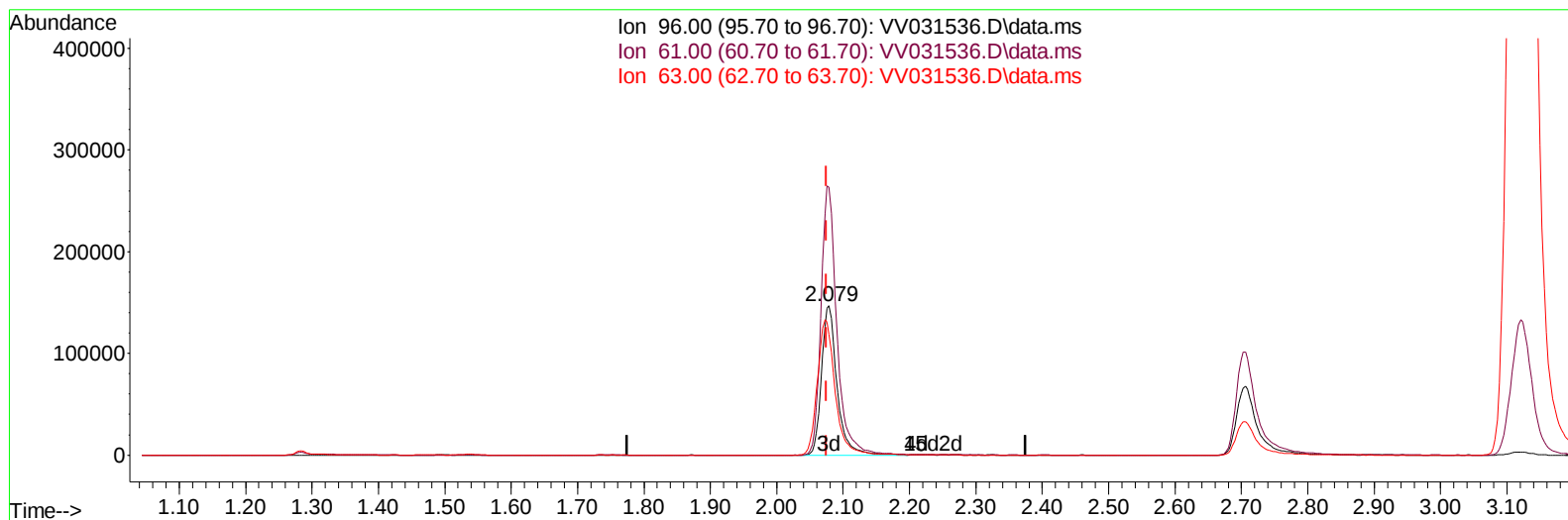
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TIC: VV031536.D\data.ms

(12) 1,1-Dichloroethene (T)

2.079min (+ 0.003) 139.58 ug/L m

response 240537

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	184.20	179.52
63.00	136.20	81.10#
0.00	0.00	0.00

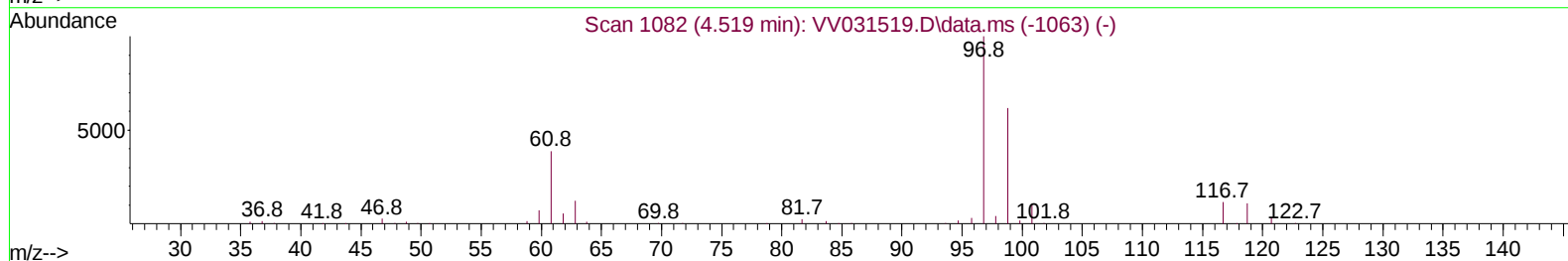
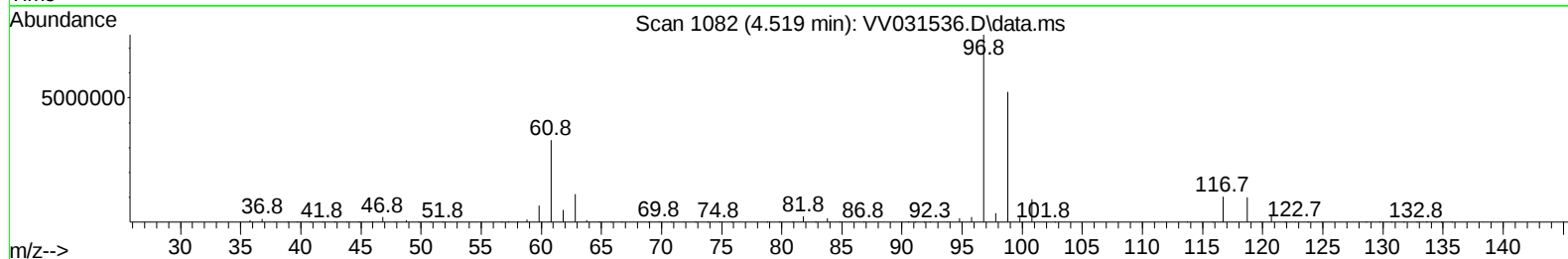
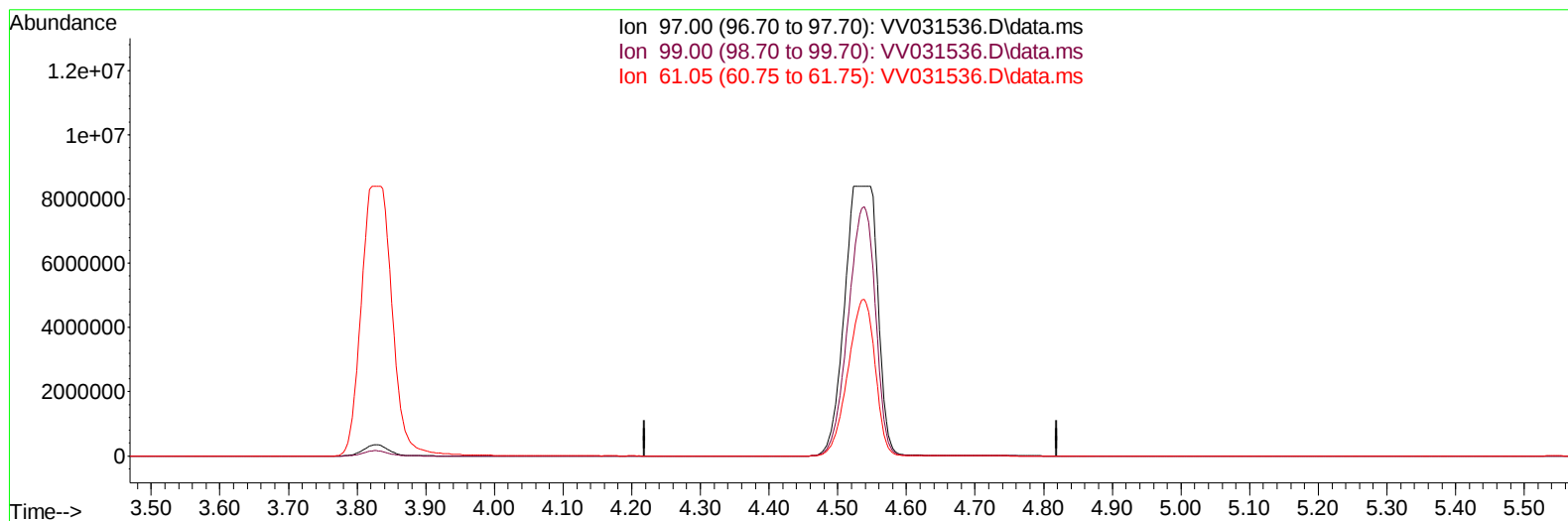
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Instrument :
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TIC: VV031536.D\data.ms

(30) 1,1,1-Trichloroethane (T)

4.519min (-4.519) 0.00 ug/L

response 0

Ion	Exp%	Act%
97.00	100.00	0.00
99.00	64.70	0.00#
61.05	41.30	0.00#
0.00	0.00	0.00

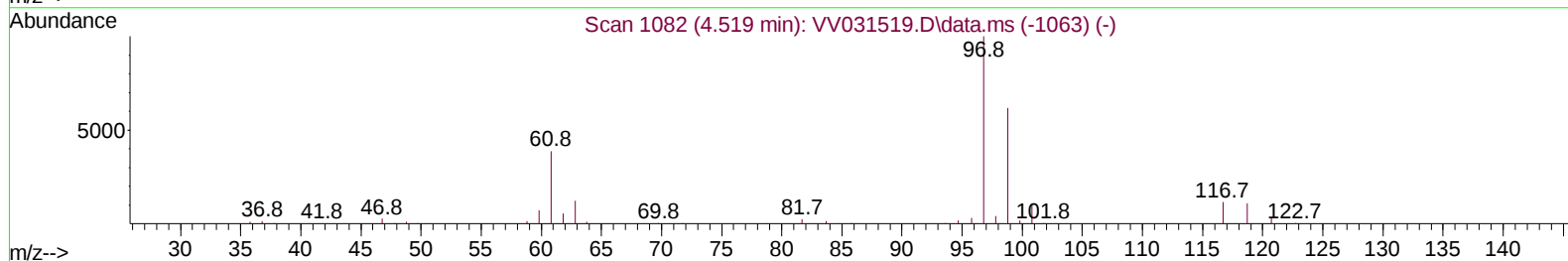
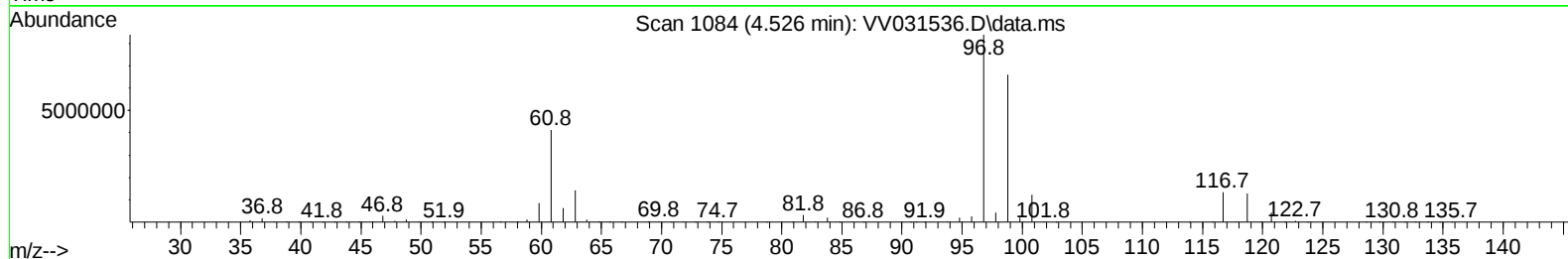
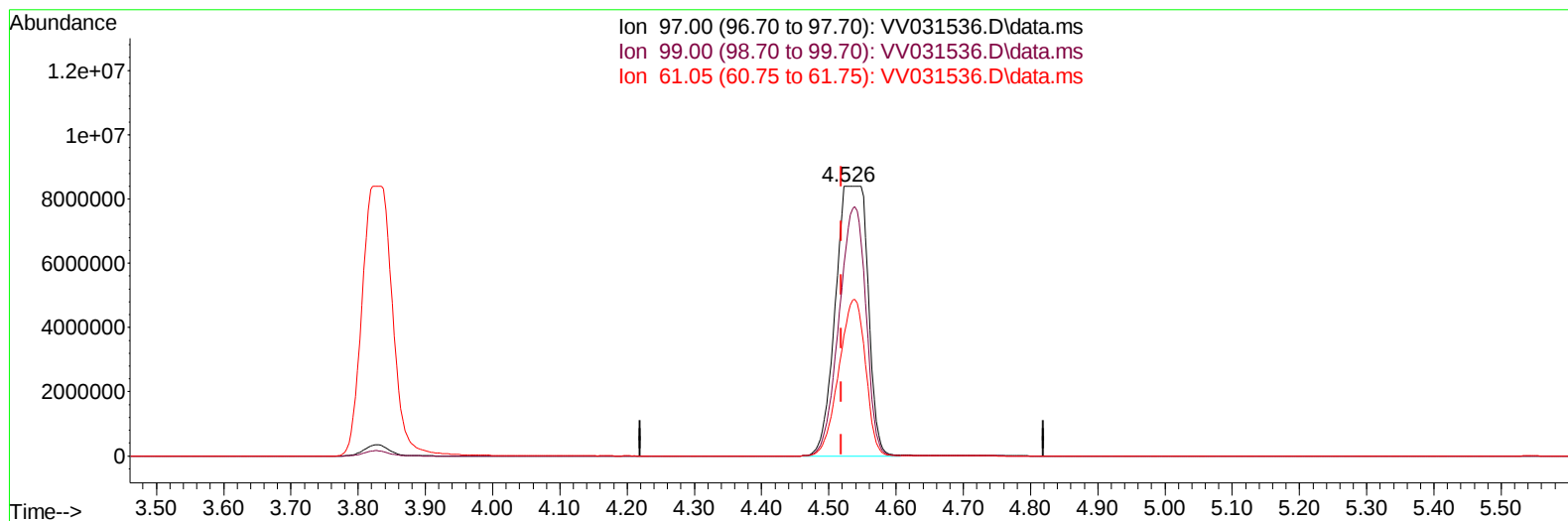
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TIC: VV031536.D\data.ms

(30) 1,1,1-Trichloroethane (T)

4.526min (+ 0.007) 7552.21 ug/L m

response 27978358

Ion	Exp%	Act%
97.00	100.00	100.00
99.00	64.70	0.00#
61.05	41.30	0.00#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	232905	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	231065	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	141400	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	63005	40.647	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	81.300%	
7) Chloroethane-d5	1.535	69	60440	44.688	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	89.380%	
11) 1,1-Dichloroethene-d2	2.066	65	34327	42.969	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	85.940%	
21) 2-Butanone-d5	3.818	46	128909	102.706	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	102.710%	
24) Chloroform-d	4.262	84	166865	42.984	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	85.960%	
26) 1,2-Dichloroethane-d4	4.950	65	109378	45.033	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.060%	
32) Benzene-d6	4.969	84	294351	45.257	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.520%	
36) 1,2-Dichloropropane-d6	5.995	67	104451	45.311	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	90.620%	
41) Toluene-d8	7.249	98	256110	42.911	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	85.820%	
43) trans-1,3-Dichloroprop...	7.558	79	51451	45.784	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	91.560%	
47) 2-Hexanone-d5	8.030	63	101370	111.374	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	111.370%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	160671	46.177	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	92.360%	
66) 1,2-Dichlorobenzene-d4	11.567	152	128972	47.850	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	95.700%	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.314	62	51088m	22.108	ug/L	
9) Trichlorofluoromethane	1.722	101	50394	13.108	ug/L	97
12) 1,1-Dichloroethene	2.079	96	240537m	139.577	ug/L	
16) Methylene chloride	2.455	84	4453	2.061	ug/L	95
17) trans-1,2-Dichloroethene	2.706	96	145951	81.135	ug/L	98
19) 1,1-Dichloroethane	3.121	63	3582373	922.708	ug/L	99
20) cis-1,2-Dichloroethene	3.828	96	21862636	11246.091	ug/L	78
25) Chloroform	4.288	83	26734	6.624	ug/L	98
27) 1,2-Dichloroethane	5.056	62	24990	8.023	ug/L #	86
30) 1,1,1-Trichloroethane	4.526	97	27978358m	7552.212	ug/L	
33) Benzene	5.021	78	77217	10.037	ug/L	100
34) Trichloroethene	5.841	95	136093	66.203	ug/L	97
35) Methylcyclohexane	6.063	83	13749	4.539	ug/L	98
40) 4-Methyl-2-pentanone	7.175	43	4176	1.574	ug/L #	76
42) Toluene	7.320	91	1509197	189.209	ug/L	99
45) 1,1,2-Trichloroethane	7.780	97	15238	7.141	ug/L	97
46) Tetrachloroethene	7.911	164	114701	71.092	ug/L	96
52) Ethylbenzene	8.953	91	523728	58.844	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.075	106	913666	280.318	ug/L	96
54) o-Xylene	9.484	106	461680	149.262	ug/L	100
60) Isopropylbenzene	9.873	105	84099	9.329	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	702908	94.344	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	3043520	438.418	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	7764	1.702	ug/L	89

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

