

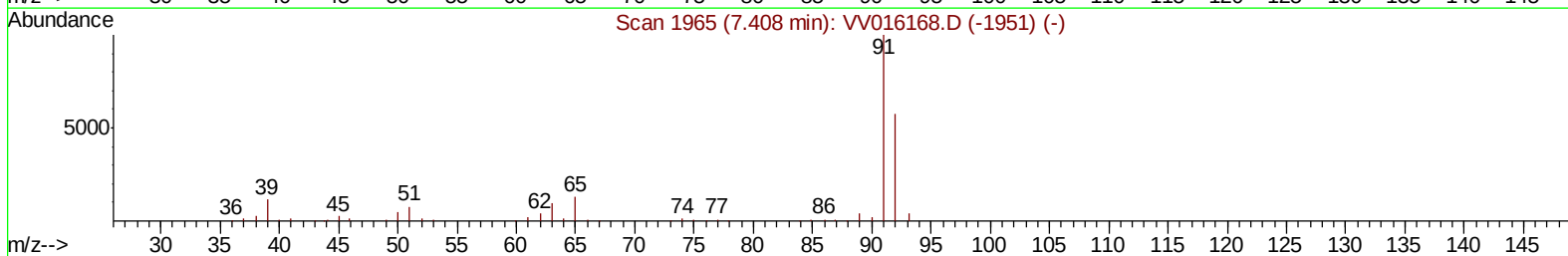
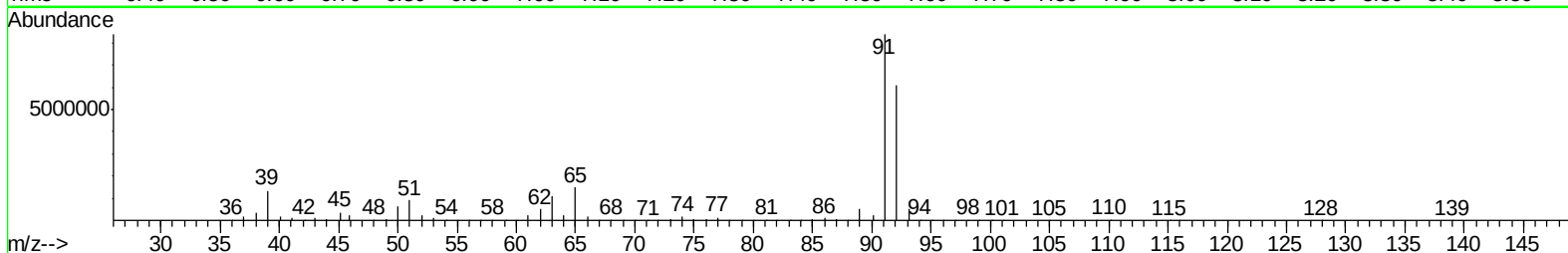
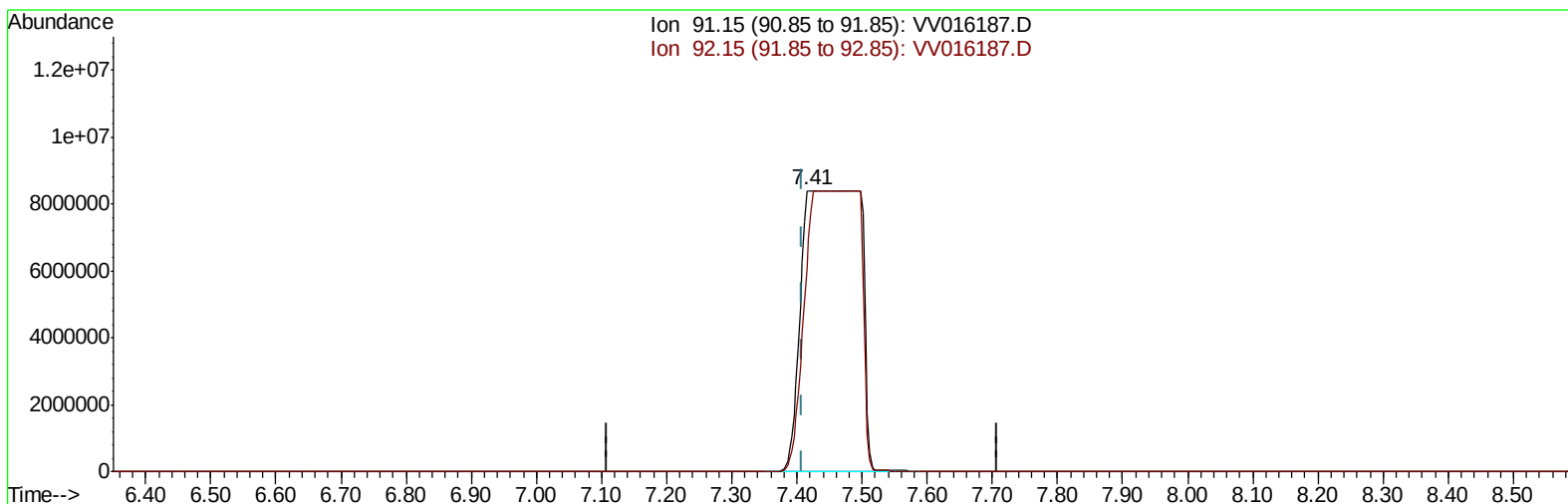
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016187.D
Acq On : 22 May 2020 21:37
Operator : SY/MD
Sample : L2756-06MSD
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKW8MSD

Manual Integrations
APPROVED

MMDadoda
5/26/2020 9:35:29 AM

Quant Time: May 23 05:12:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration



TIC: VV016187.D

(42) Toluene (T)

7.415min (+0.006) 1233.77ug/L m

response 52183726

Ion	Exp%	Act%
91.15	100	100
92.15	57.30	72.43
0.00	0.00	0.00
0.00	0.00	0.00

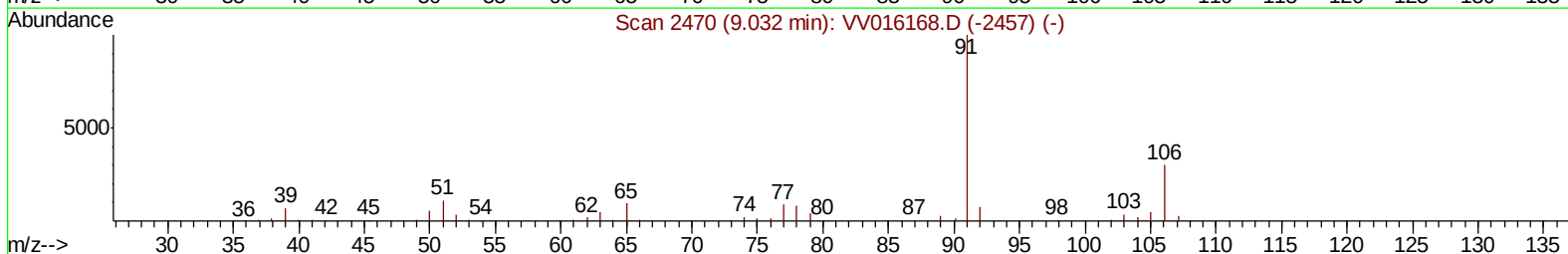
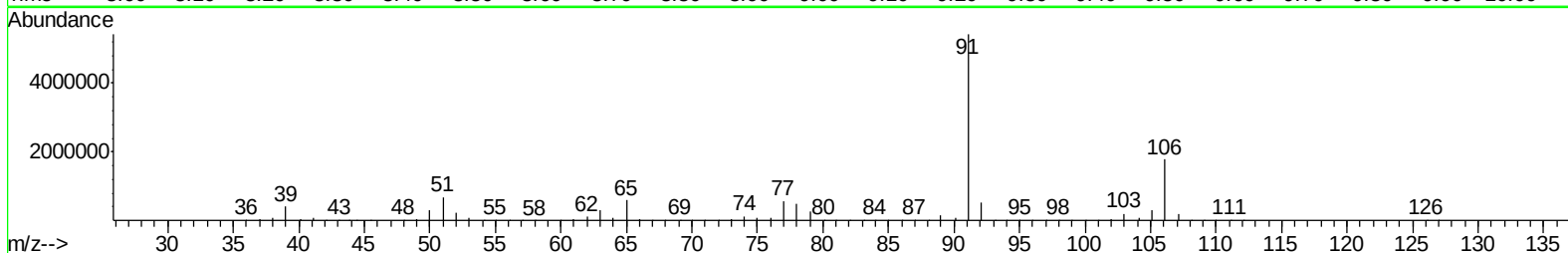
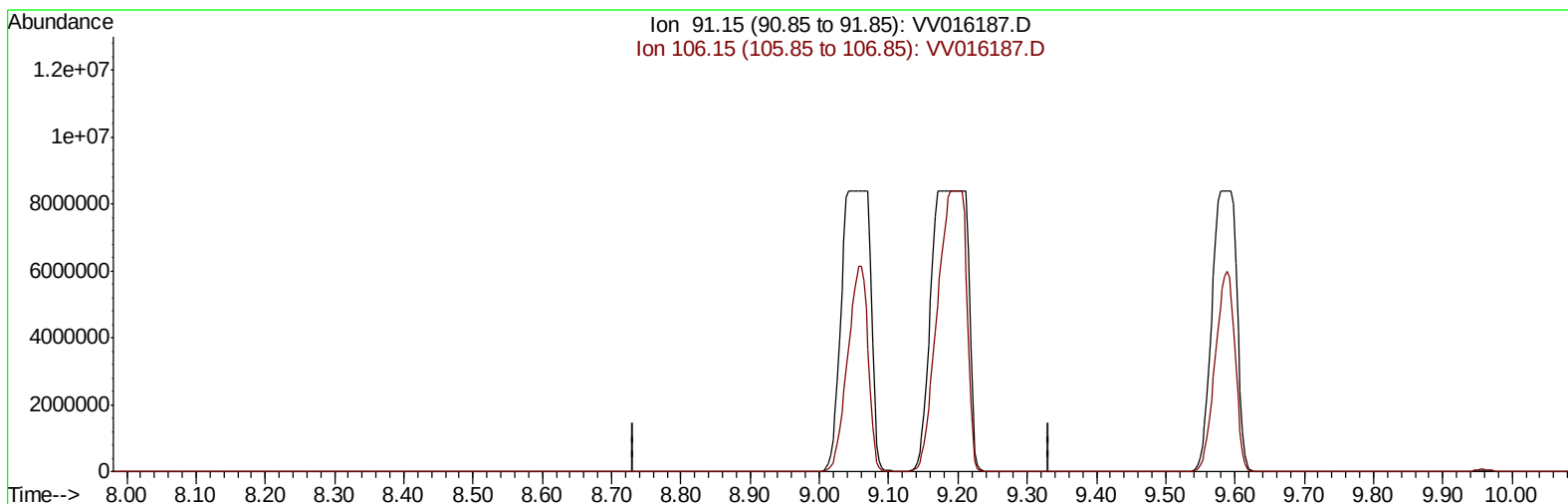
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016187.D
Acq On : 22 May 2020 21:37
Operator : SY/MD
Sample : L2756-06MSD
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations
APPROVED

MMDadoda
5/26/2020 9:35:29 AM

Quant Time: May 23 05:12:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration



TIC: VV016187.D

(54) Ethylbenzene (T)

9.032min (-9.032) 0.00ug/L

response 0

Ion	Exp%	Act%
91.15	100	0.00
106.15	29.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

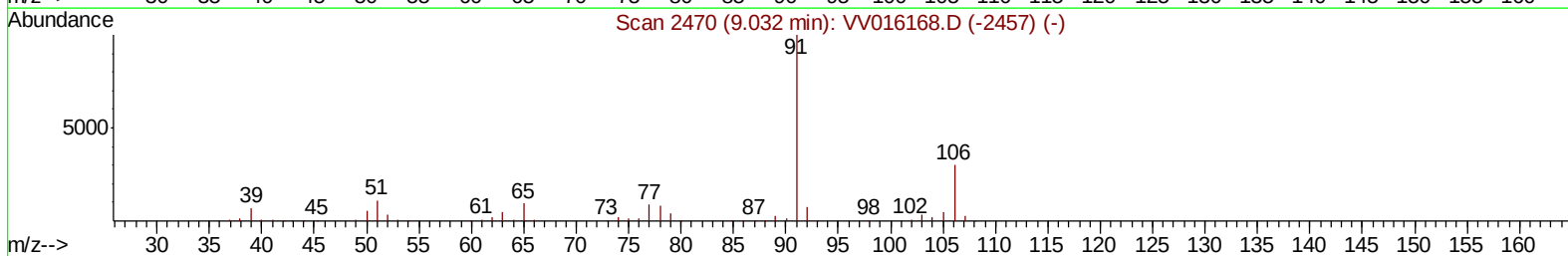
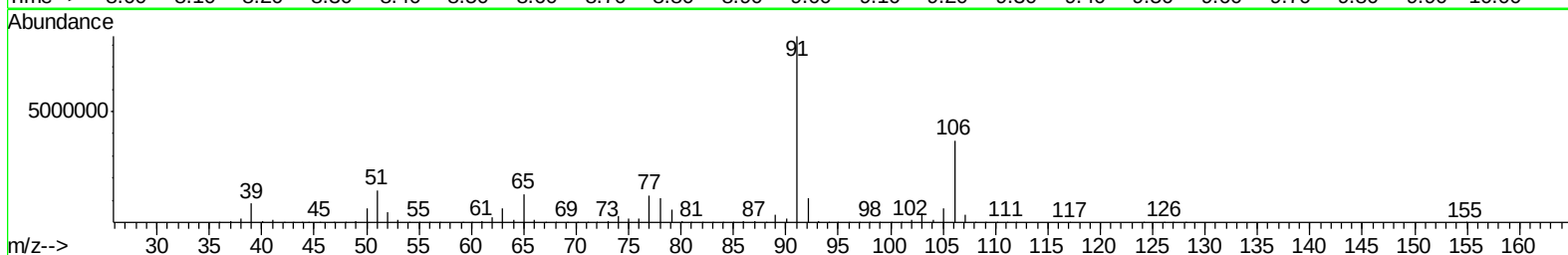
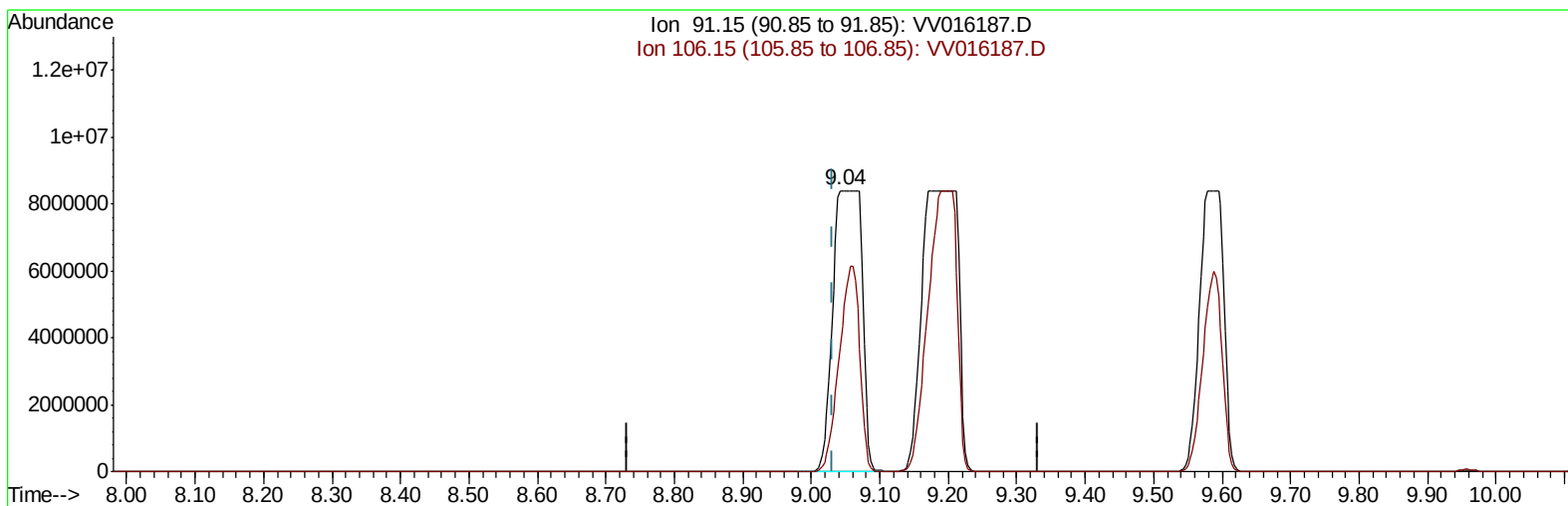
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 Data File : VV016187.D
 Acq On : 22 May 2020 21:37
 Operator : SY/MD
 Sample : L2756-06MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKW8MSD

Manual Integrations
 APPROVED

MMDadoda
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Quant Time: May 23 05:12:55 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
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 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration



TIC: VV016187.D

(54) Ethylbenzene (T)

9.042min (+0.010) 513.83ug/L m

response 24712664

Ion	Exp%	Act%
91.15	100	100
106.15	29.50	44.15#
0.00	0.00	0.00
0.00	0.00	0.00

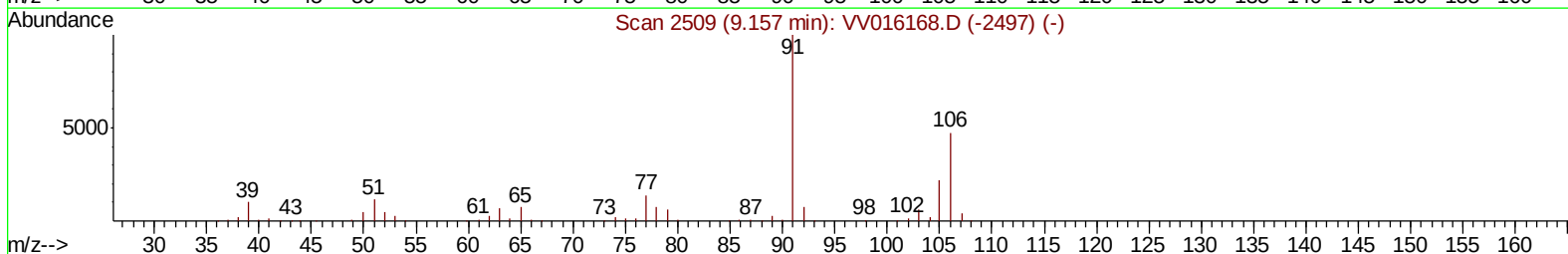
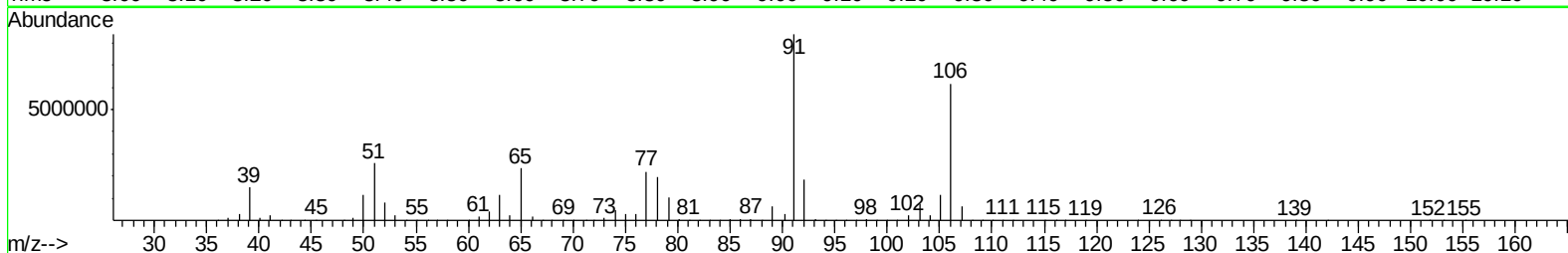
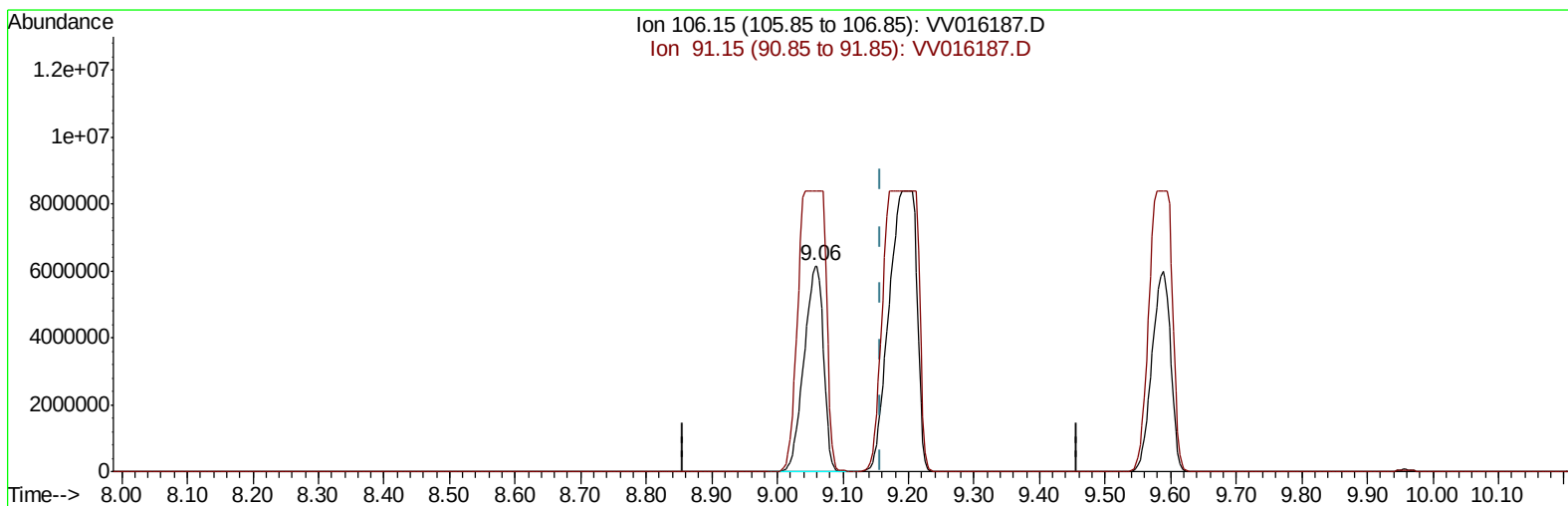
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016187.D
Acq On : 22 May 2020 21:37
Operator : SY/MD
Sample : L2756-06MSD
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKW8MSD

Manual Integrations
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MMDadoda
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Quant Time: May 23 05:12:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration



TIC: VV016187.D

(55) m,p-xylene (T)

9.058min (-0.100) 716.06ug/L

response 12751862

Ion	Exp%	Act%
106.15	100	100
91.15	214.10	136.42#
0.00	0.00	0.00
0.00	0.00	0.00

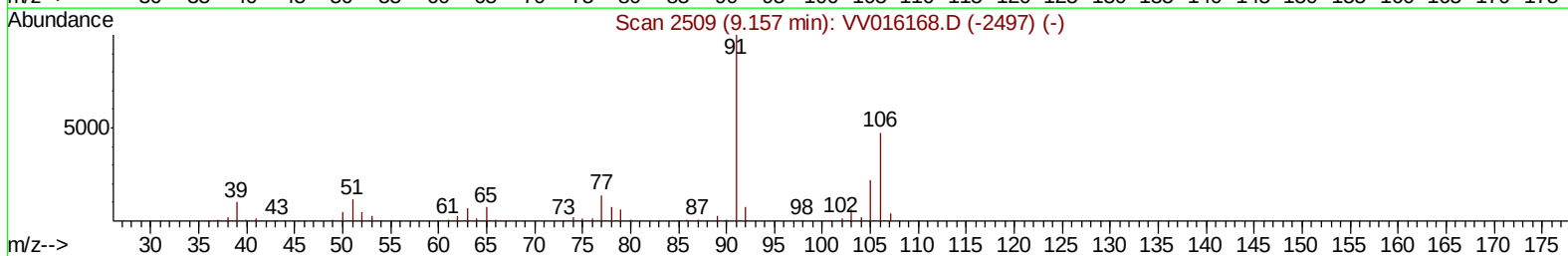
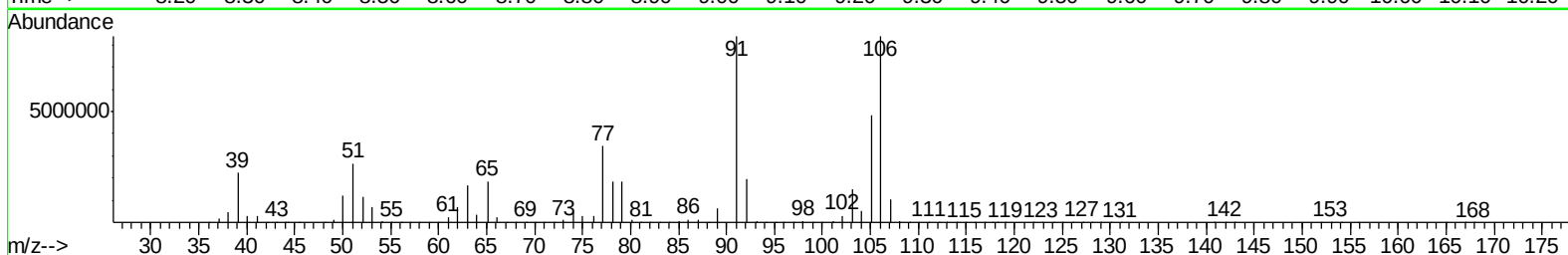
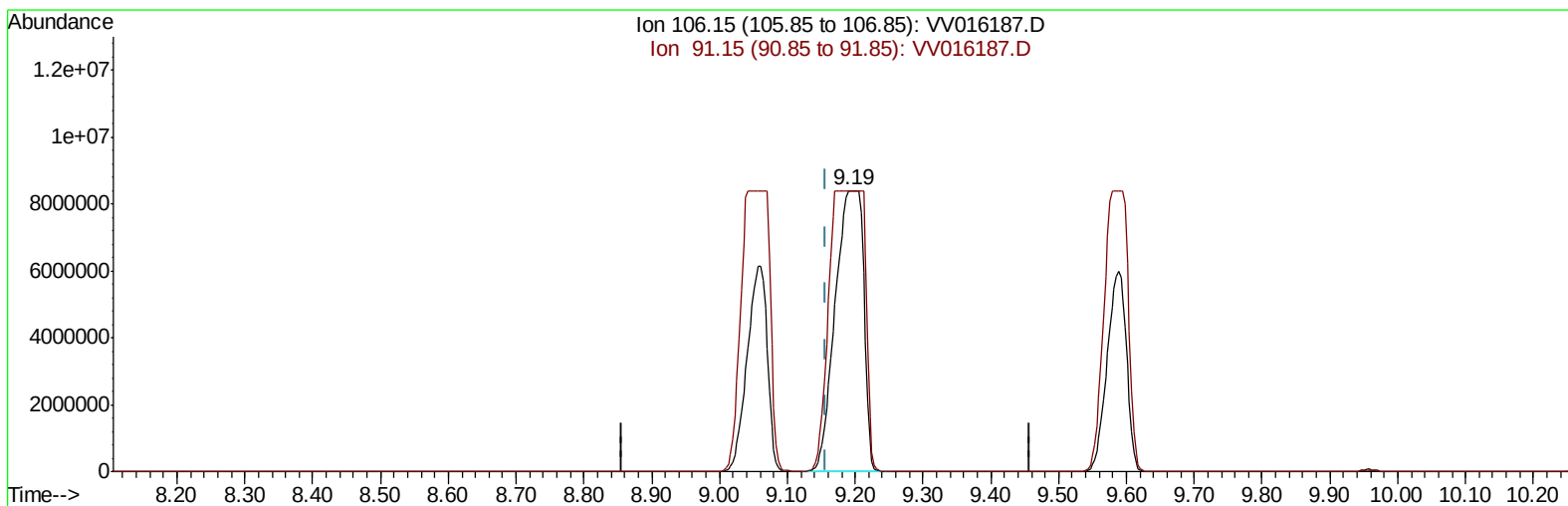
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 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

MMDadoda
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TIC: VV016187.D

(55) m,p-xylene (T)

9.190min (+0.032) 1371.03ug/L m

response 24415727

Ion	Exp%	Act%
106.15	100	100
91.15	214.10	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016187.D
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 Sample : L2756-06MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampled :
 ETKW8MSD

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 9:35:29 AM

Quant Time: May 23 08:23:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	171793	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.88	117	158601	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.28	152	78879	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	54906	5.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.80%
7) Chloroethane-d5	1.58	69	39936	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.14	63	3657170	182.48	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3649.60%#
20) 2-Butanone-d5	4.05	46	45622	17.16	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	34.32%#
24) Chloroform-d	4.40	84	100703	4.94	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	46766	4.00	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	5.10	84	197042	5.22	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
36) 1,2-Dichloropropane-d6	6.11	67	60716	5.27	ug/L	0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.36	98	203593m	5.71	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
45) trans-1,3-Dichloropropene-	7.66	79	20965	4.64	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
48) 2-Hexanone-d5	8.13	63	89279	44.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37526	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	64298	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.13	85	1183	0.090 ug/L	94
3) Chloromethane	1.24	50	1450	0.109 ug/L	98
5) Vinyl chloride	1.32	62	1127078	88.437 ug/L	100
8) Chloroethane	1.60	64	13482	1.485 ug/L	84
9) Trichlorofluoromethane	1.77	101	42840	2.451 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	430540	43.603 ug/L	99
12) 1,1-Dichloroethene	2.14	96	6211915	657.067 ug/L #	58
14) Carbon disulfide	2.32	76	28252	0.905 ug/L	100
16) Methylene chloride	2.52	84	12581457	1112.176 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	953565	91.268 ug/L	99
19) 1,1-Dichloroethane	3.23	63	21213727	1054.179 ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	74692922m	6829.302 ug/L	
25) Chloroform	4.42	83	96953	4.375 ug/L	99
27) 1,2-Dichloroethane	5.17	62	173468	12.739 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	51008551m	2916.449 ug/L	
30) Cyclohexane	4.75	56	1410334	80.468 ug/L	92
33) Benzene	5.14	78	7842103	196.528 ug/L	100

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 Data File : VV016187.D
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Instrument :
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 ClientSampleId :
 ETKW8MSD

Manual Integrations
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 5/26/2020 9:35:29 AM

Quant Time: May 23 08:23:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	5.95	95	2284248	200.562	ug/L	94
35) Methylcyclohexane	6.17	83	1775488	103.058	ug/L	99
40) 4-Methyl-2-pentanone	7.31	43	2616762	414.126	ug/L	97
42) Toluene	7.41	91	52183726m	1233.770	ug/L	
47) 1,1,2-Trichloroethane	7.87	97	61215	9.042	ug/L	97
49) Tetrachloroethene	8.01	164	252693	31.798	ug/L	98
50) 2-Hexanone	8.18	43	141294	31.620	ug/L	96
53) Chlorobenzene	8.91	112	184512	6.783	ug/L	97
54) Ethylbenzene	9.04	91	24712664m	513.831	ug/L	
55) m,p-xylene	9.19	106	24415727m	1371.030	ug/L	
56) o-xylene	9.59	106	11871029	697.240	ug/L #	47
57) Styrene	9.60	104	5517496	193.746	ug/L	82
58) Isopropylbenzene	9.96	105	1070050	22.876	ug/L	99
63) 1,3-Dichlorobenzene	11.21	146	10165	0.478	ug/L	90
64) 1,4-Dichlorobenzene	11.30	146	96599	4.524	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	565712	29.412	ug/L	97

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

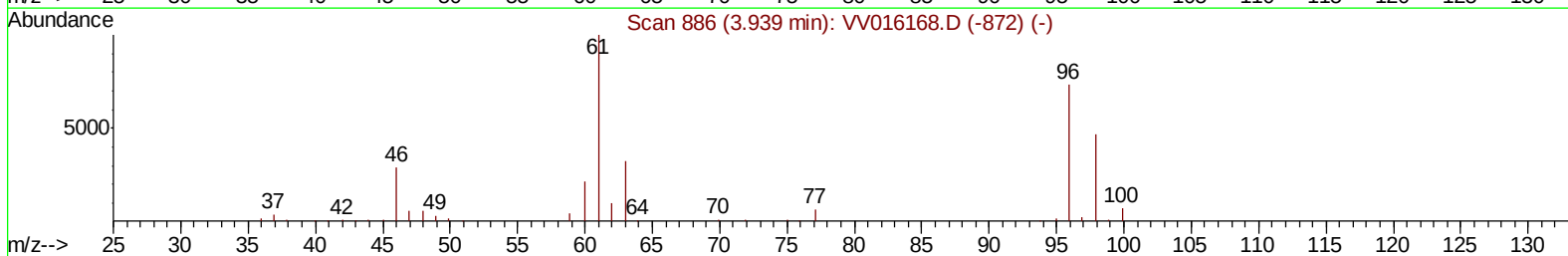
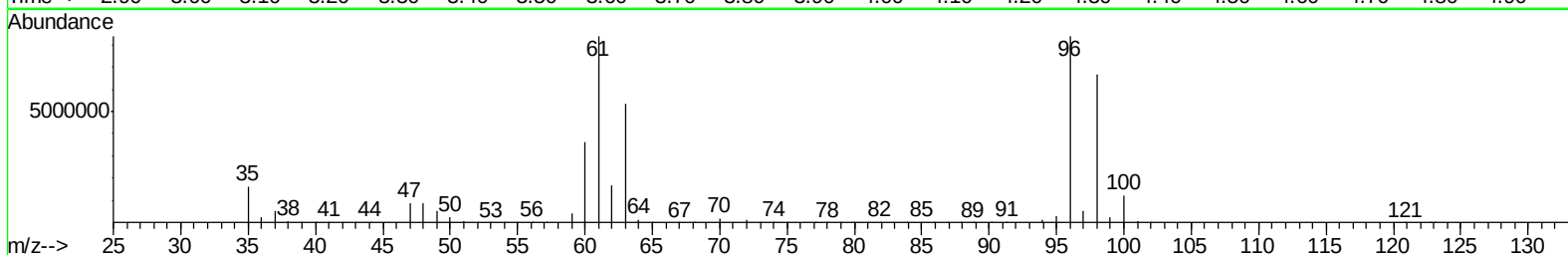
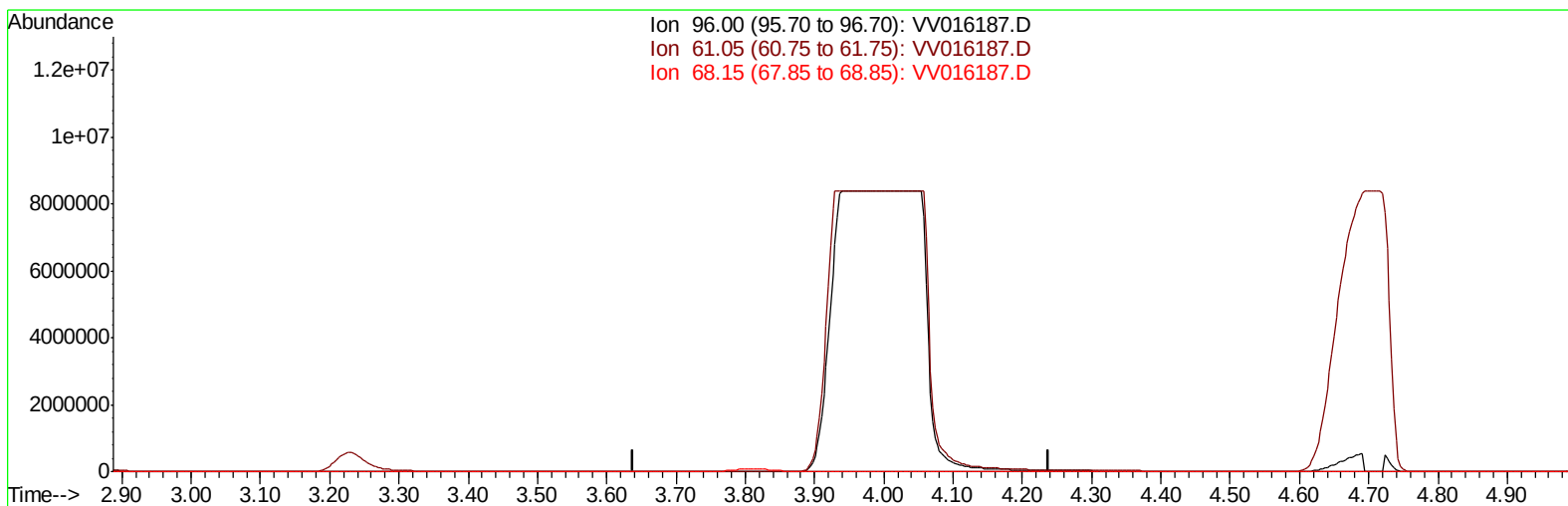
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 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
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Manual Integrations
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 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
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 Response via : Initial Calibration



TIC: VV016187.D

(22) cis-1,2-Dichloroethene (T)

3.939min (-3.939) 0.00ug/L

response 0

Ion	Exp%	Act%
96.00	100	0.00
61.05	138.90	0.00#
68.15	0.00	0.00
0.00	0.00	0.00

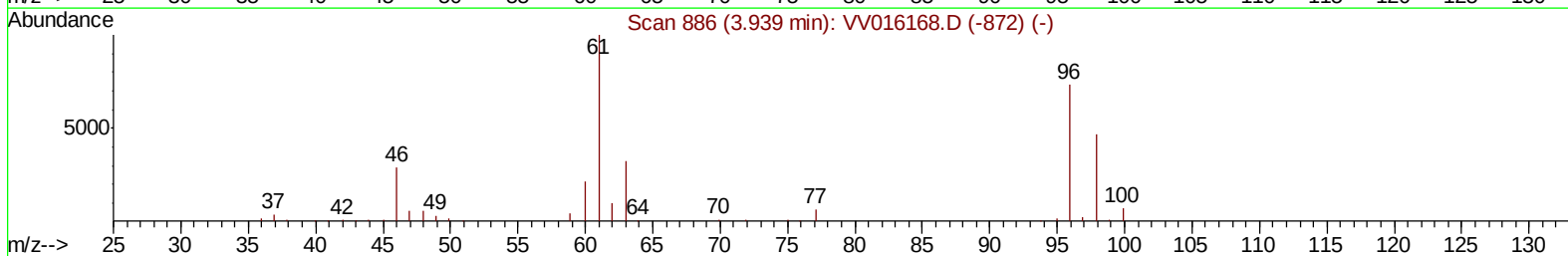
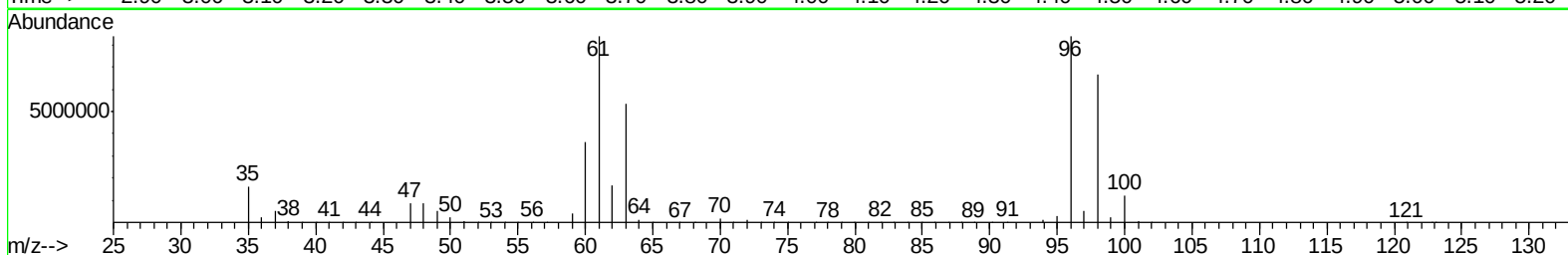
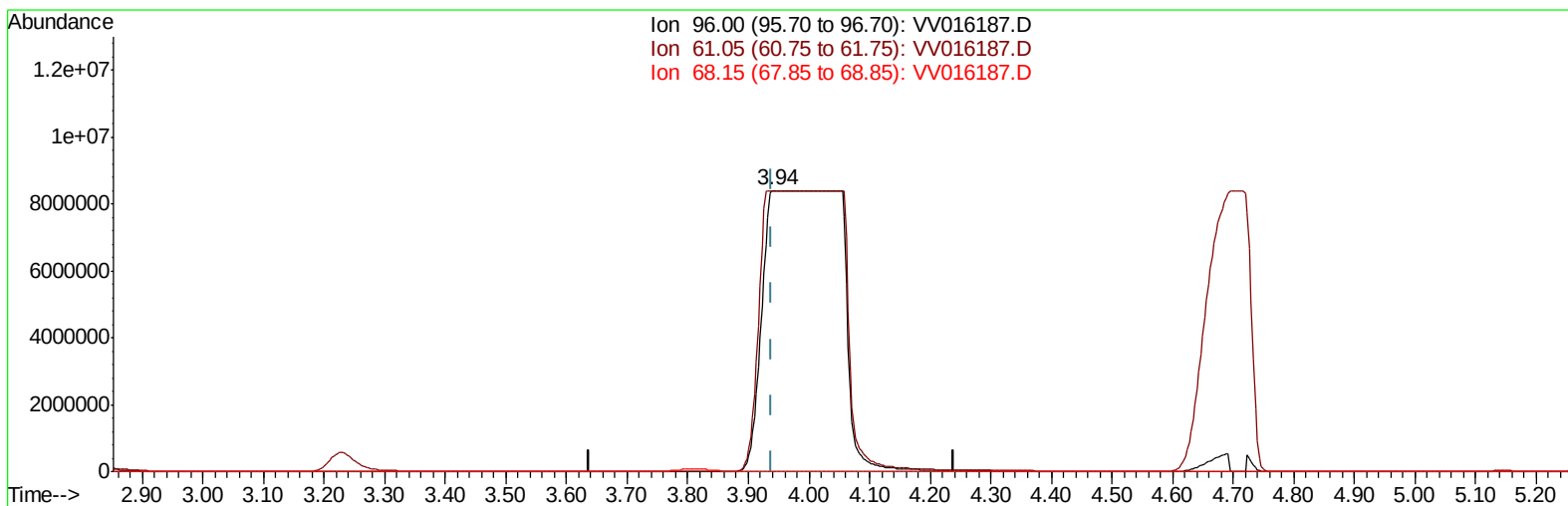
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Manual Integrations
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TIC: VV016187.D

(22) cis-1,2-Dichloroethene (T)

3.939min (0.000) 6829.30ug/L m

response 74692922

Ion	Exp%	Act%
96.00	100	100
61.05	138.90	100.00
68.15	0.00	0.00#
0.00	0.00	0.00

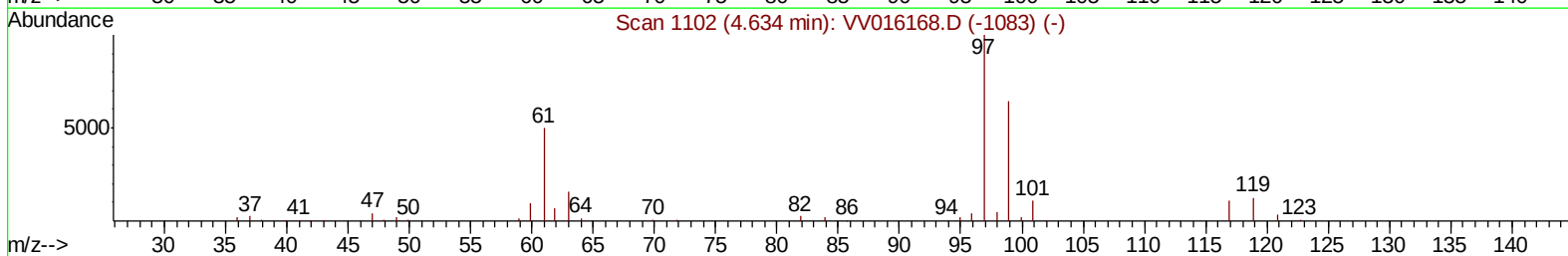
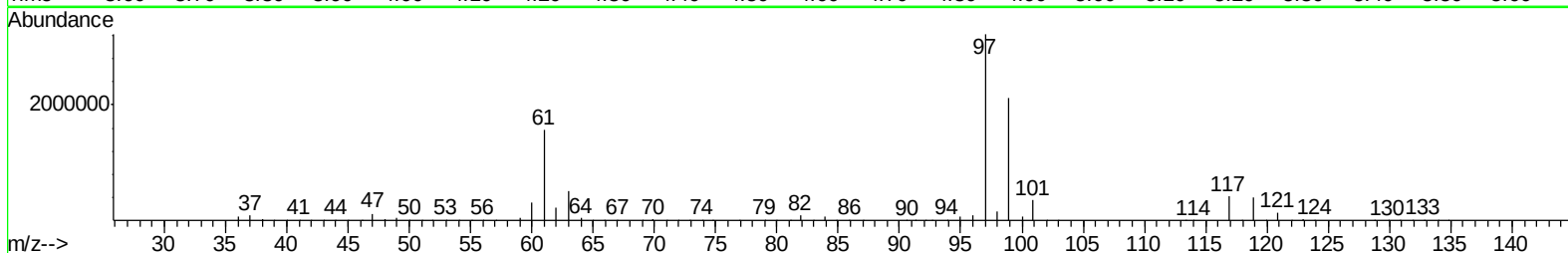
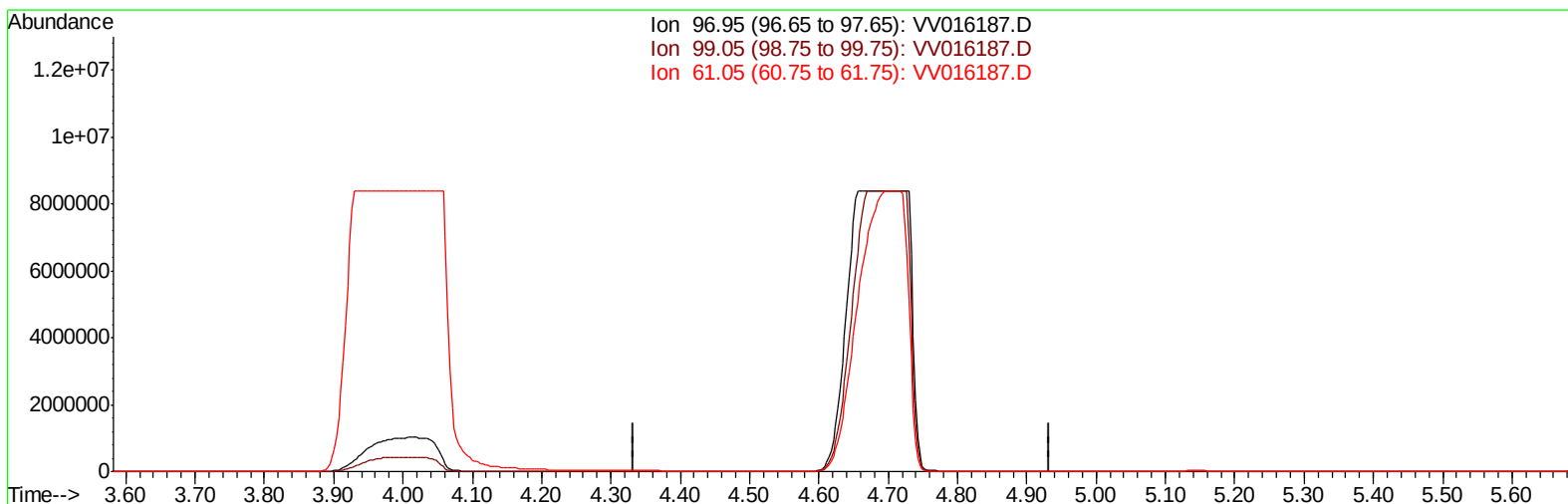
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TIC: VV016187.D

(29) 1,1,1-Trichloroethane (T)

4.634min (-4.634) 0.00ug/L

response 0

Ion	Exp%	Act%
96.95	100	0.00
99.05	63.40	0.00#
61.05	48.50	0.00#
0.00	0.00	0.00

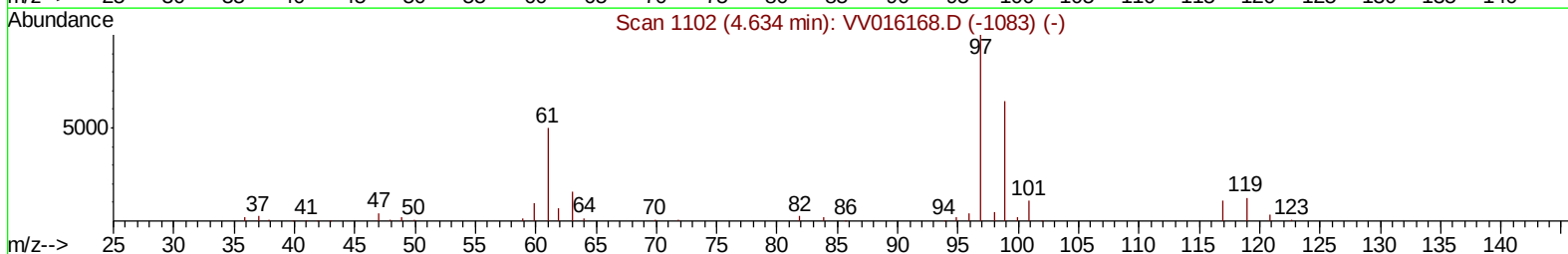
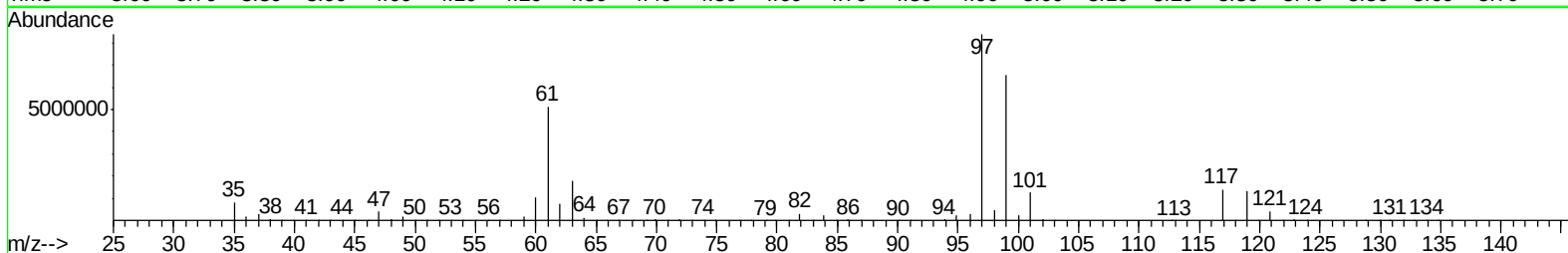
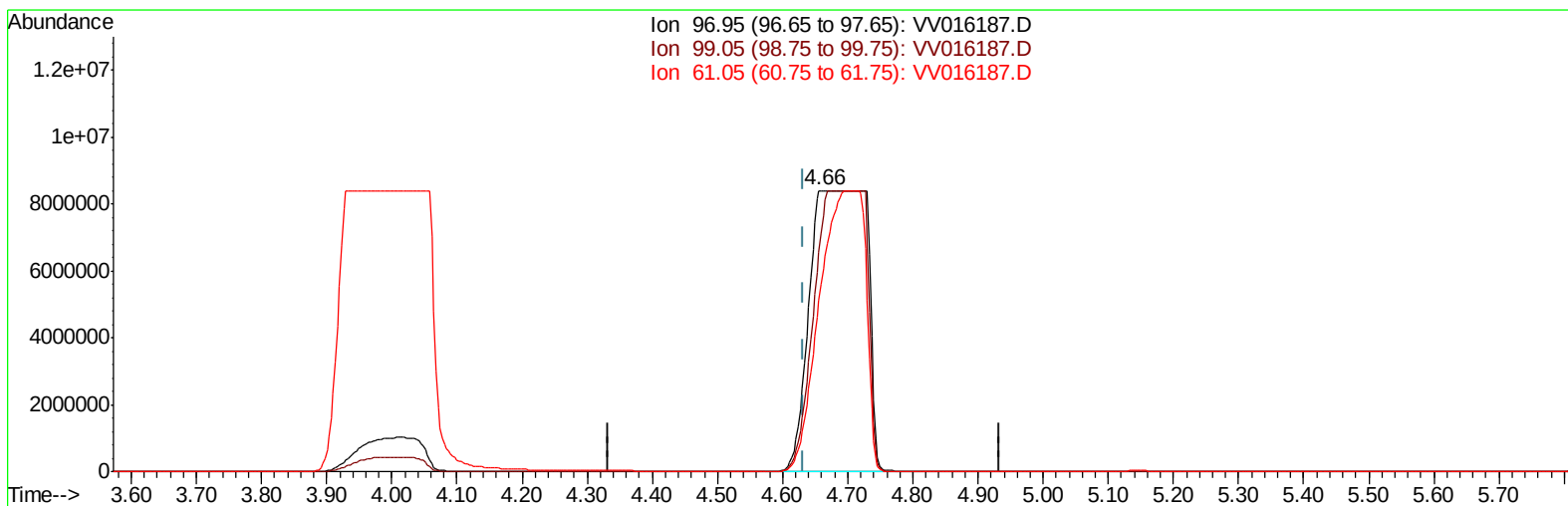
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TIC: VV016187.D

(29) 1,1,1-Trichloroethane (T)

4.656min (+0.022) 2916.45ug/L m

response 51008551

Ion	Exp%	Act%
96.95	100	100
99.05	63.40	0.00#
61.05	48.50	0.00#
0.00	0.00	0.00

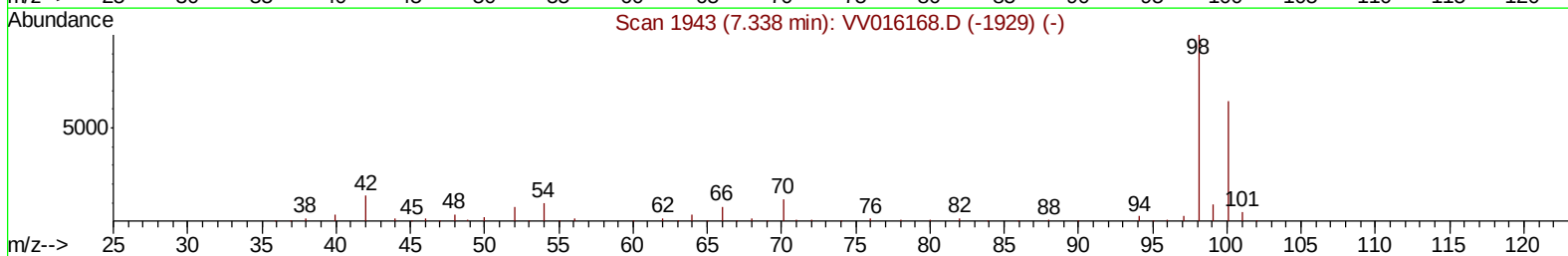
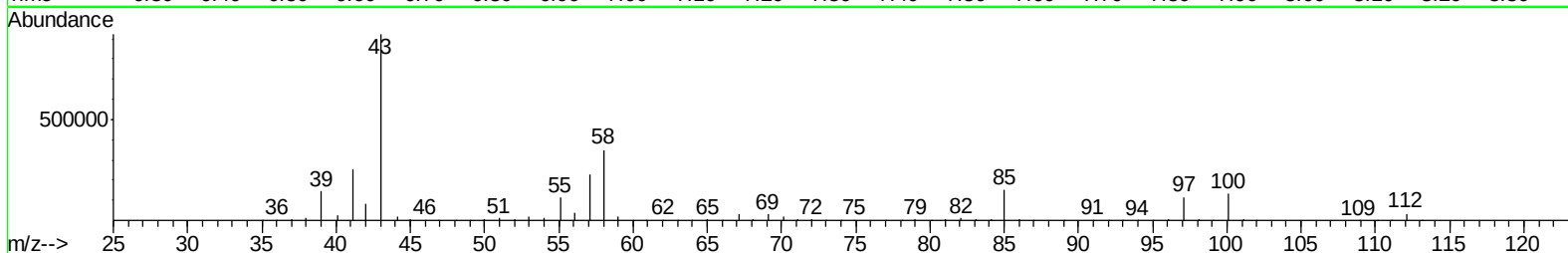
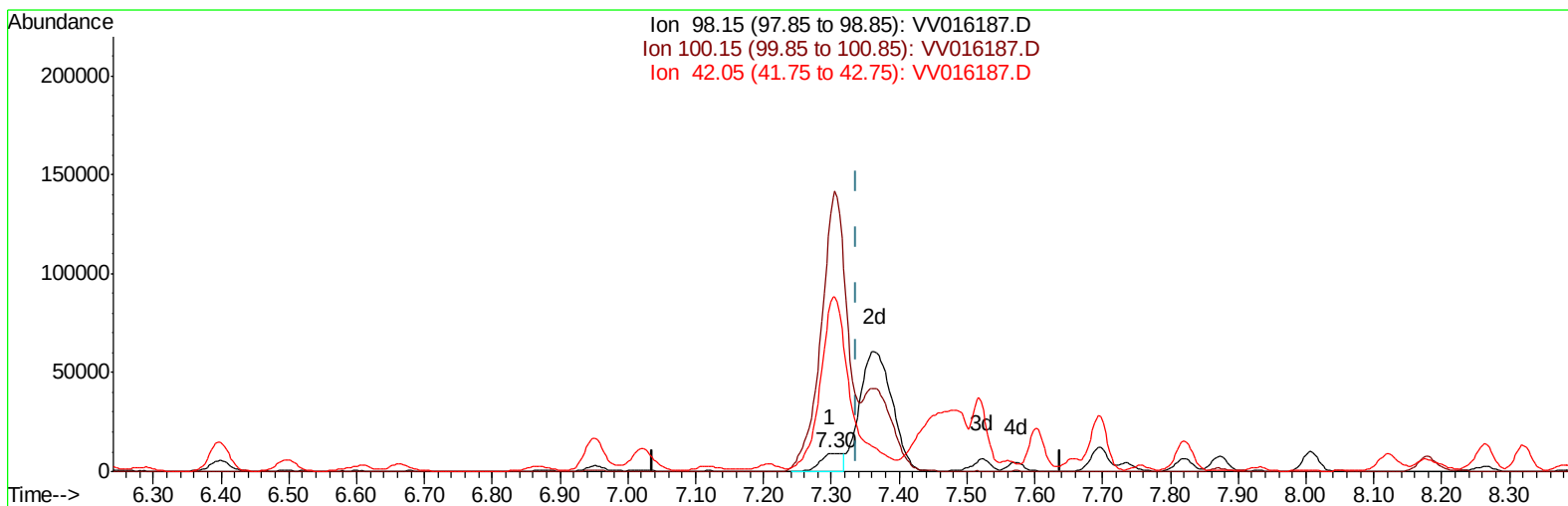
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Data File : VV016187.D
Acq On : 22 May 2020 21:37
Operator : SY/MD
Sample : L2756-06MSD
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKW8MSD

Manual Integrations
APPROVED

MMDadoda
5/26/2020 9:35:29 AM

Quant Time: May 23 05:12:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration



TIC: VV016187.D

(41) Toluene-d8 (S)

7.299min (-0.039) 0.60ug/L

response 21330

Ion	Exp%	Act%
98.15	100	100
100.15	66.10	1782.87#
42.05	14.70	1246.55#
0.00	0.00	0.00

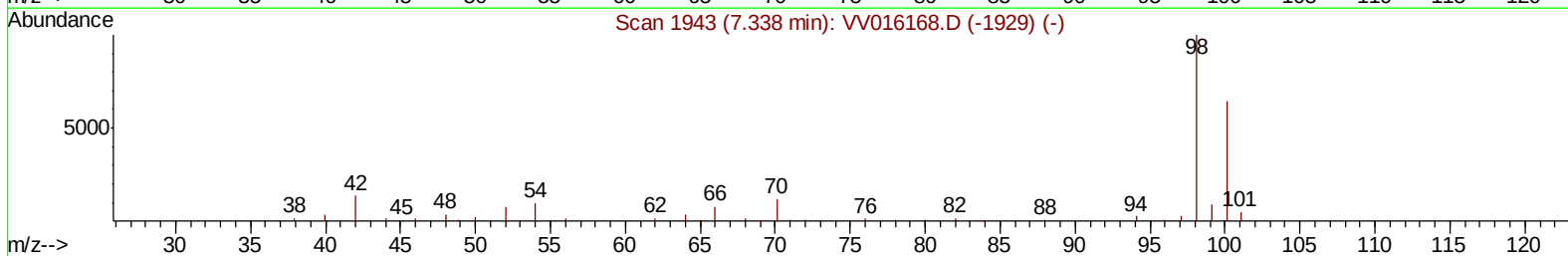
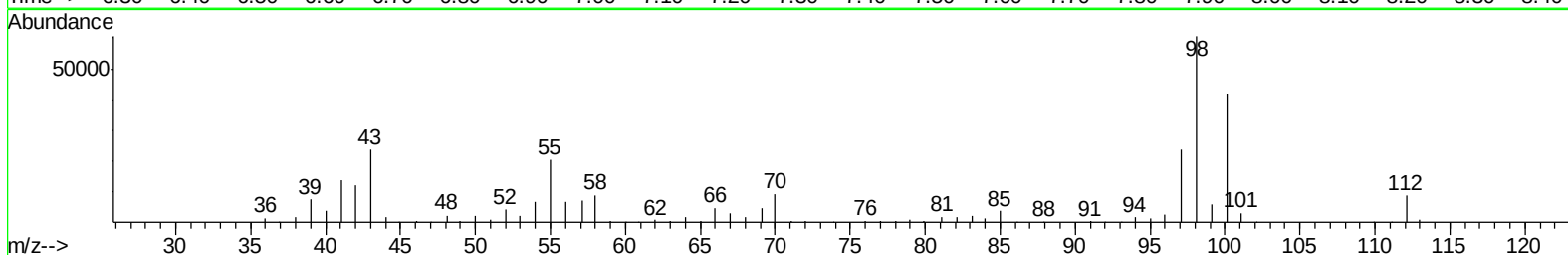
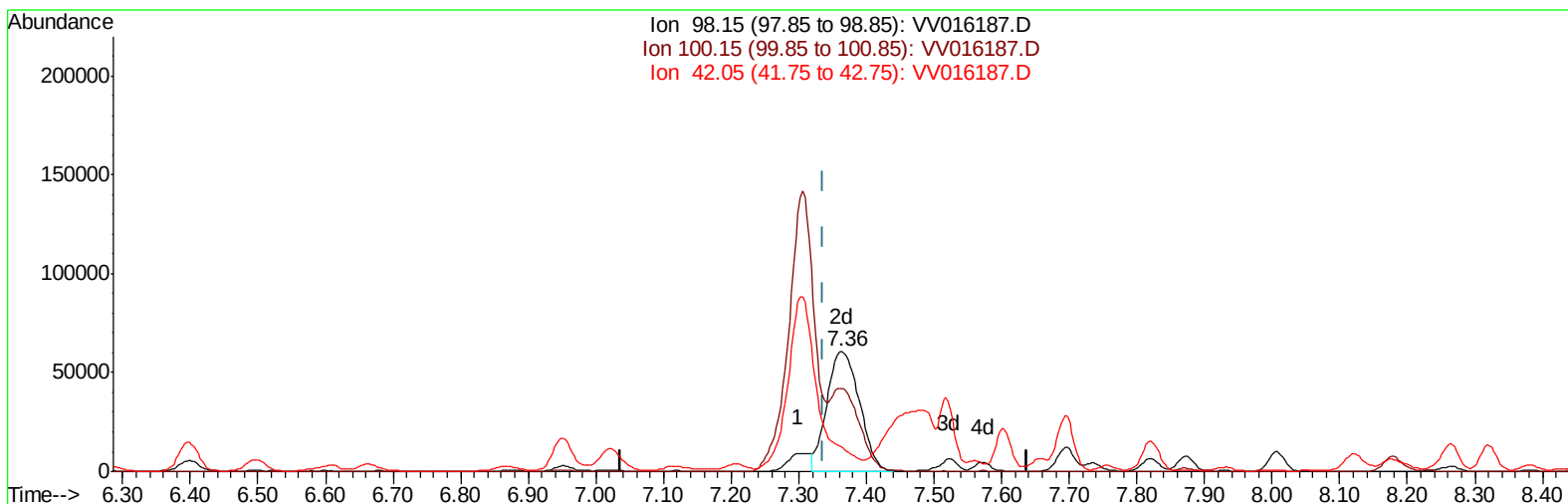
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016187.D
Acq On : 22 May 2020 21:37
Operator : SY/MD
Sample : L2756-06MSD
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETKW8MSD

Manual Integrations
APPROVED

MMDadoda
5/26/2020 9:35:29 AM

Quant Time: May 23 05:12:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration



TIC: VV016187.D

(41) Toluene-d8 (S)

7.363min (+0.026) 5.71ug/L m

response 203593

Ion	Exp%	Act%
98.15	100	100
100.15	66.10	186.79#
42.05	14.70	130.60#
0.00	0.00	0.00

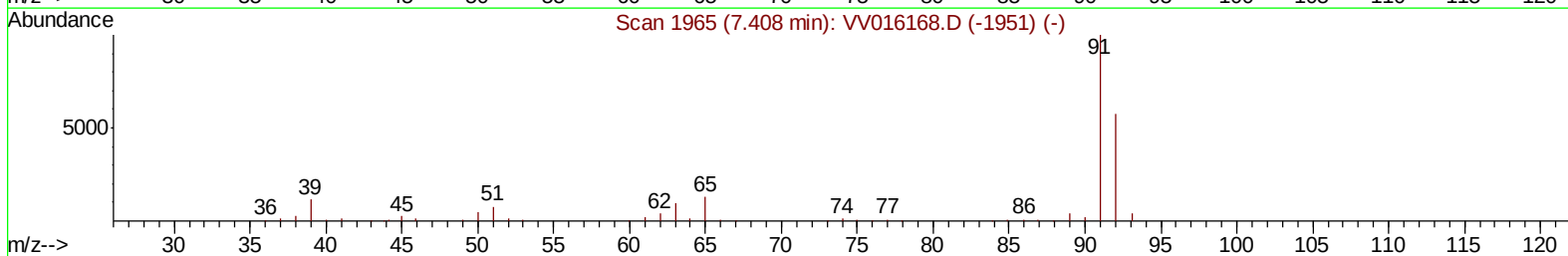
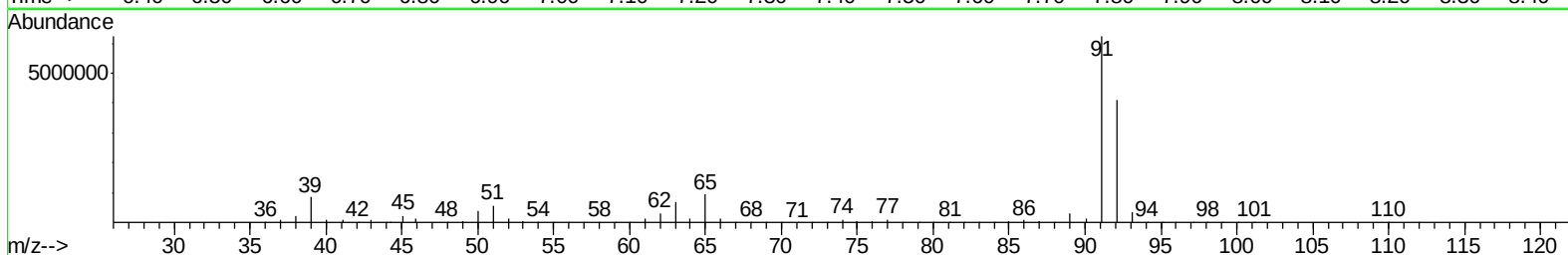
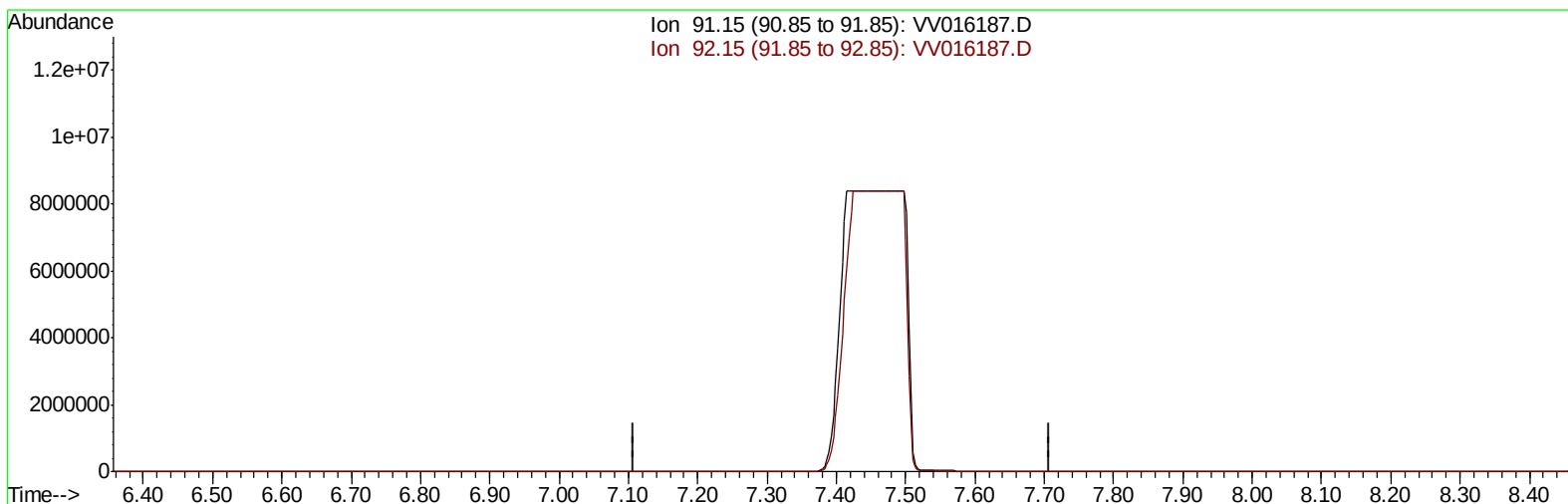
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016187.D
 Acq On : 22 May 2020 21:37
 Operator : SY/MD
 Sample : L2756-06MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKW8MSD

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 9:35:29 AM

Quant Time: May 23 05:12:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration



TIC: VV016187.D

(42) Toluene (T)

7.408min (-7.408) 0.00ug/L

response 0

Ion	Exp%	Act%
91.15	100	0.00
92.15	57.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00