

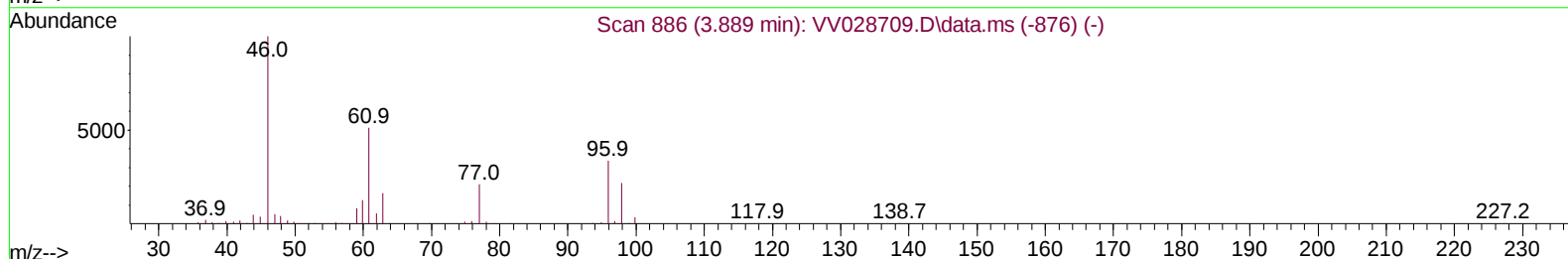
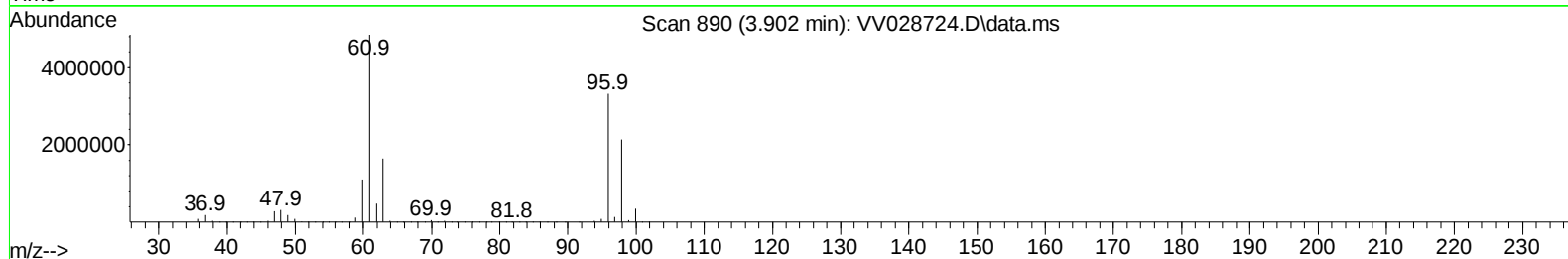
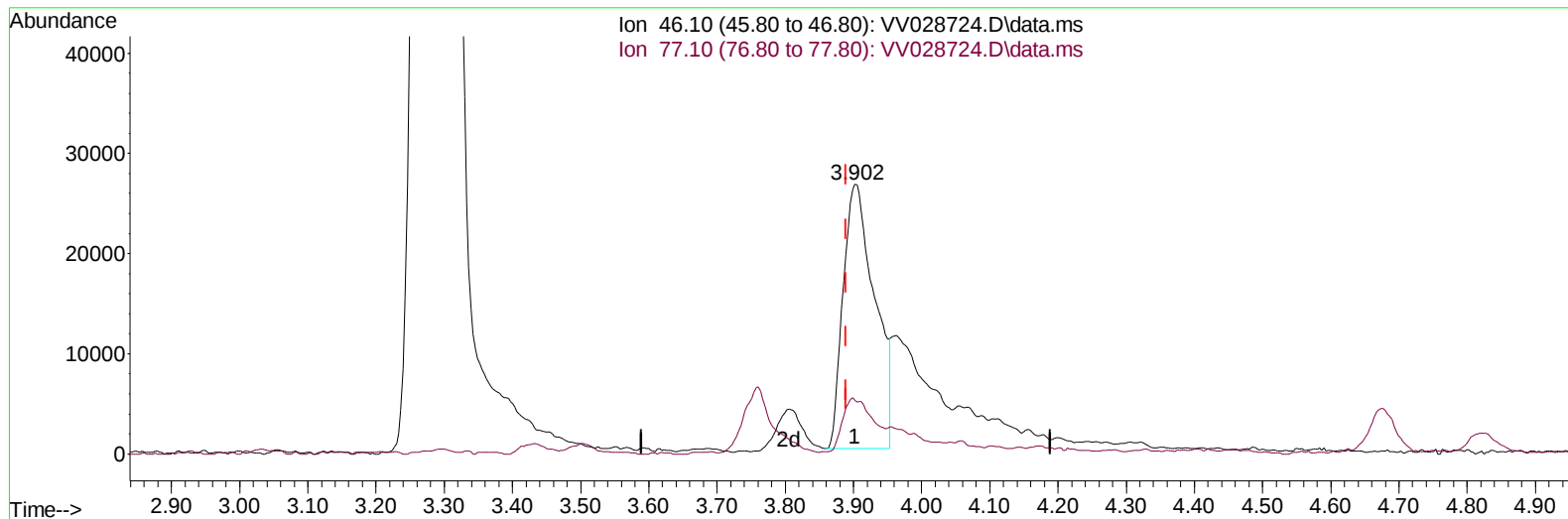
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:19:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 02:13:29 2022
Response via : Initial Calibration

Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



TIC: VV028724.D\data.ms

(20) 2-Butanone-d5 (S)

3.902min (+ 0.013) 24.14 ug/L

response 85487

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	18.10	19.60
0.00	0.00	0.00
0.00	0.00	0.00

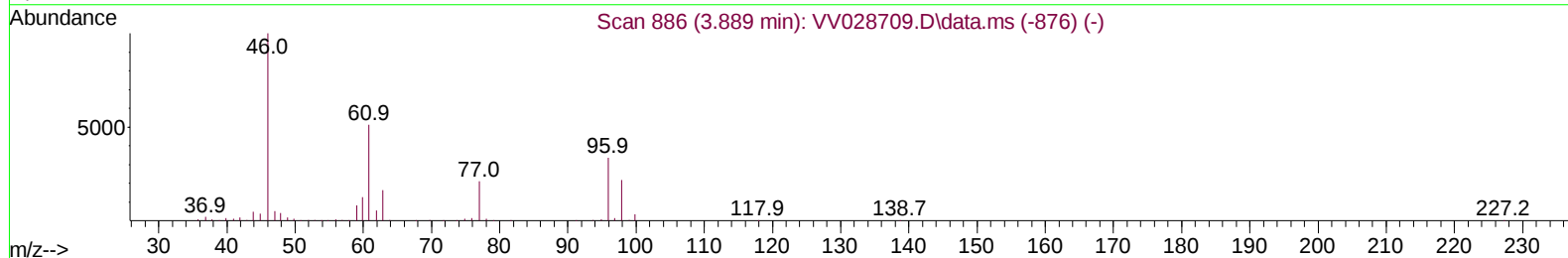
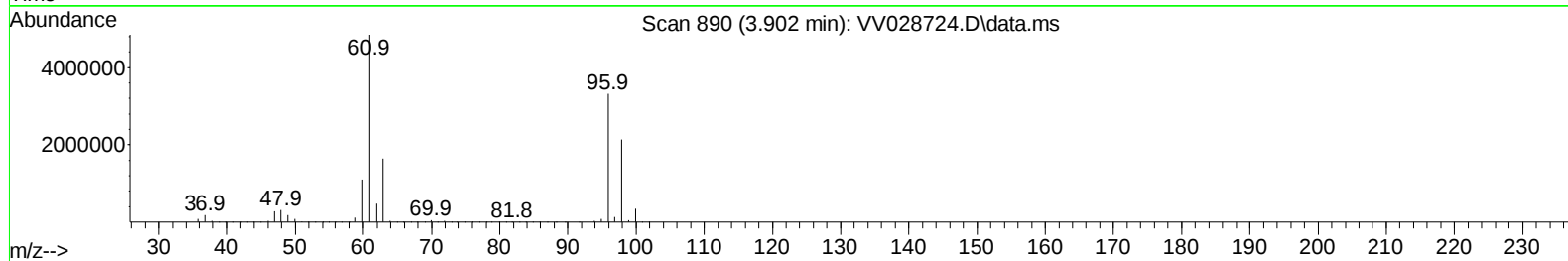
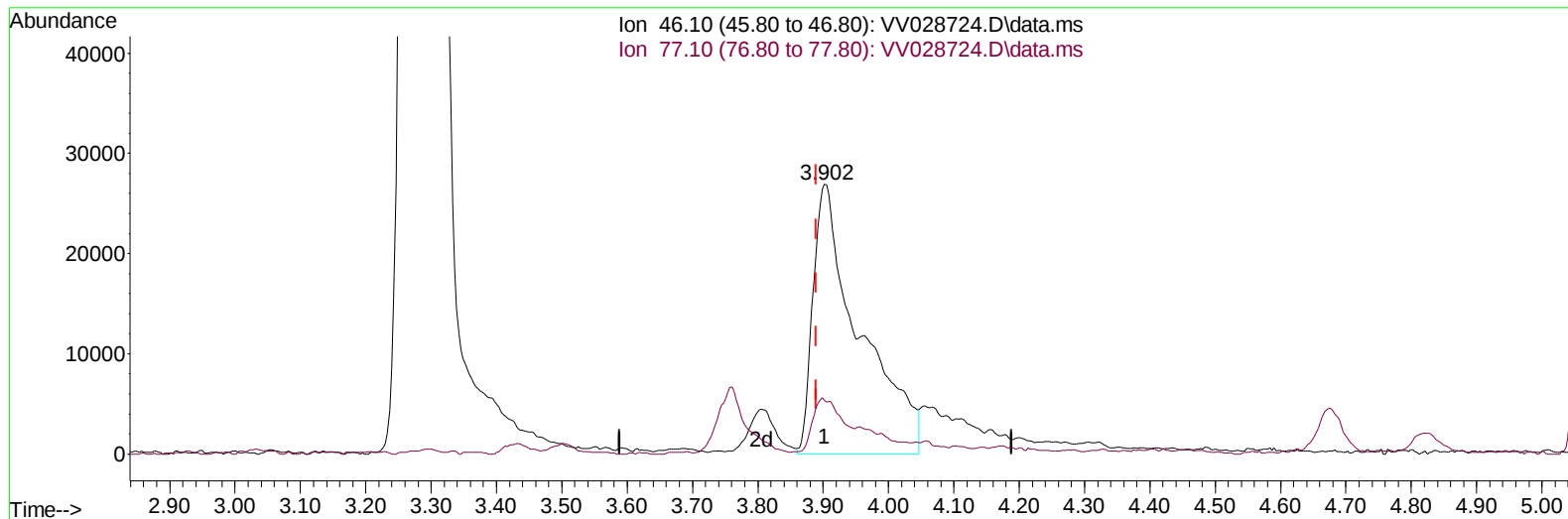
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028724.D
 Acq On : 27 Oct 2022 16:50
 Operator : SY/MD
 Sample : N5233-09
 Misc : 25.0mL/MSVOA_V/WATER
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Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 11/01/2022



TIC: VV028724.D\data.ms

(20) 2-Butanone-d5 (S)

3.902min (+ 0.013) 37.63 ug/L m

response 133252

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	18.10	12.57#
0.00	0.00	0.00
0.00	0.00	0.00

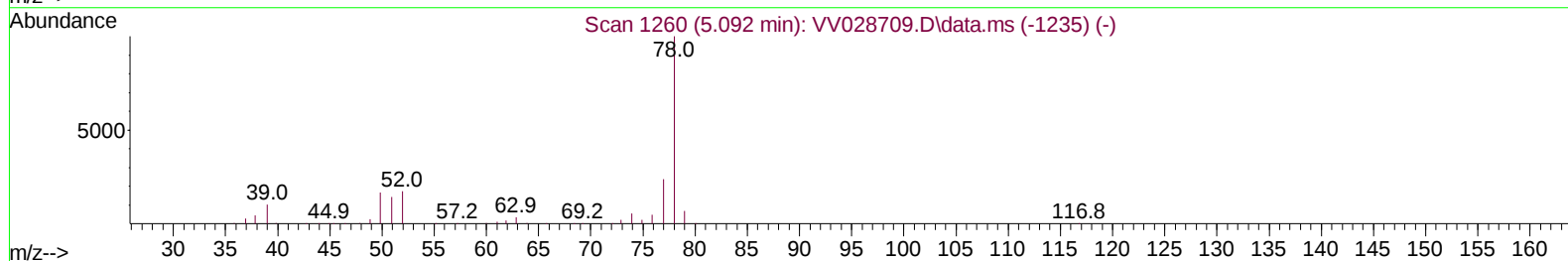
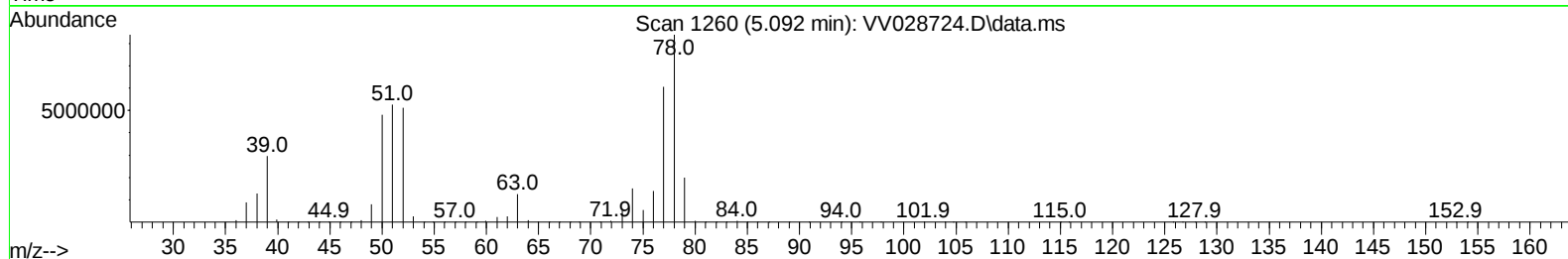
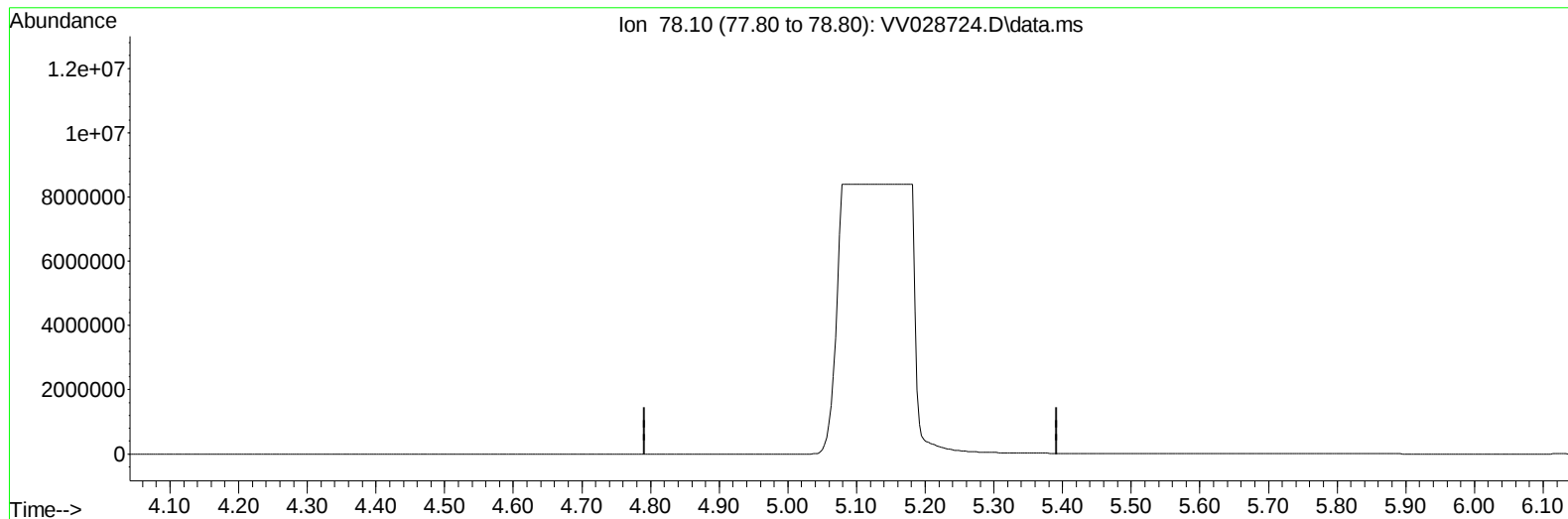
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028724.D
Acq On : 27 Oct 2022 16:50
Operator : SY/MD
Sample : N5233-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHA77

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:19:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 02:13:29 2022
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Supervised By :Mahesh Dadoda 11/01/2022



TIC: VV028724.D\data.ms

(33) Benzene (T)

5.092min (-5.092) 0.00 ug/L

response 0

Ion	Exp%	Act%
78.10	100.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

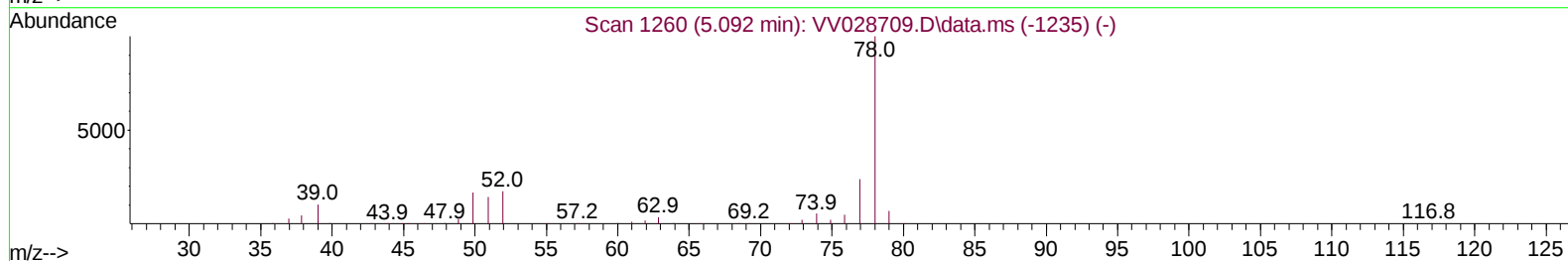
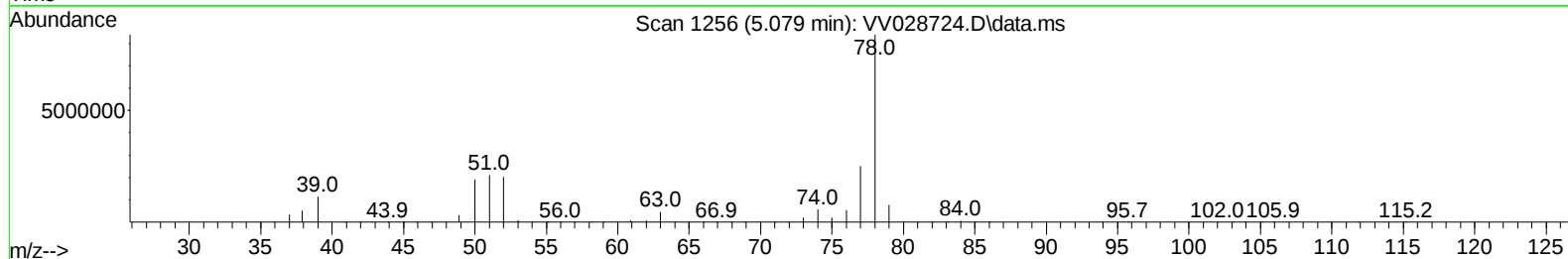
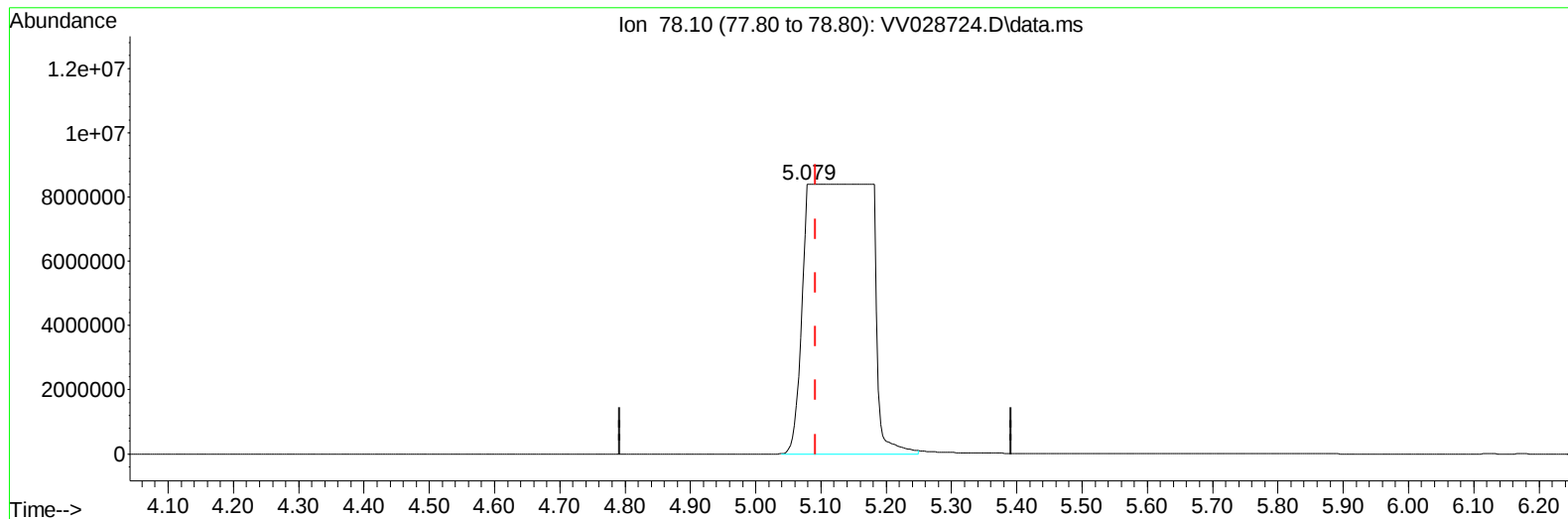
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028724.D
 Acq On : 27 Oct 2022 16:50
 Operator : SY/MD
 Sample : N5233-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 11/01/2022



TIC: VV028724.D\data.ms

(33) Benzene (T)

5.079min (-0.013) 821.99 ug/L m

response 59817799

Ion	Exp%	Act%
78.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

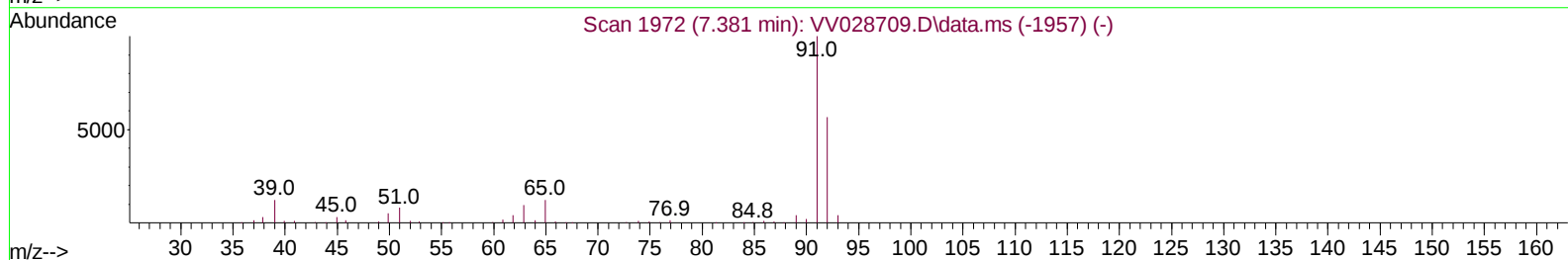
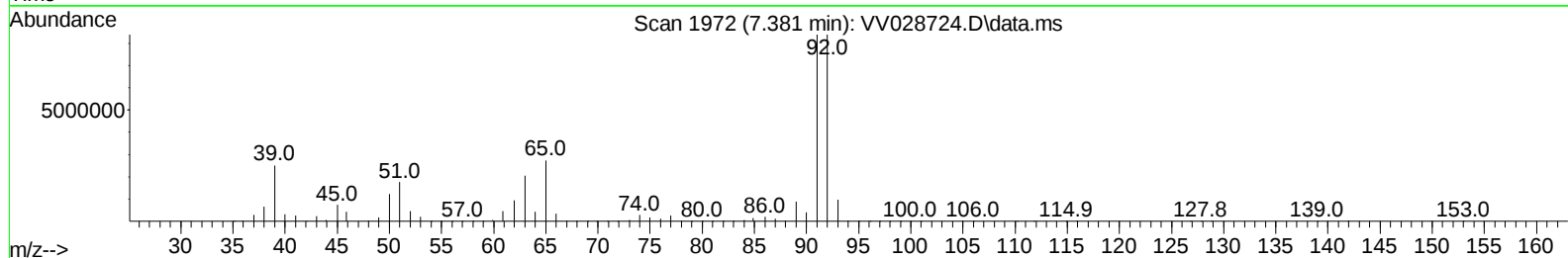
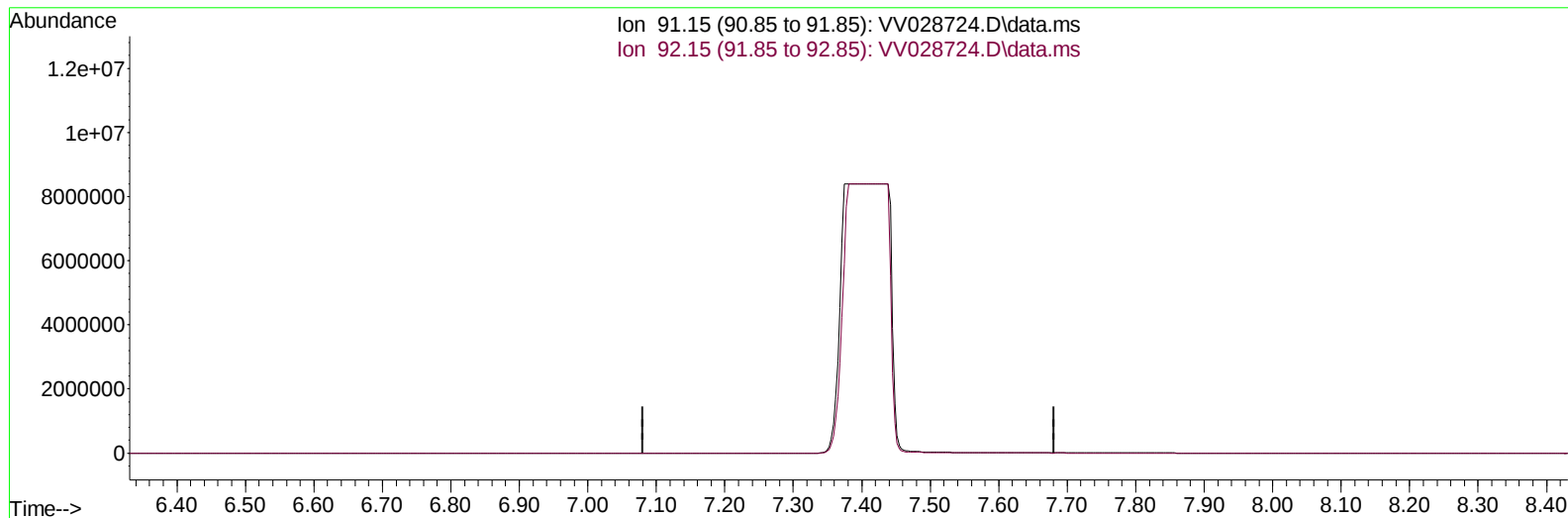
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028724.D
 Acq On : 27 Oct 2022 16:50
 Operator : SY/MD
 Sample : N5233-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
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TIC: VV028724.D\data.ms

(42) Toluene (T)

7.381min (-7.381) 0.00 ug/L

response 0

Ion	Exp%	Act%
91.15	100.00	0.00
92.15	57.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

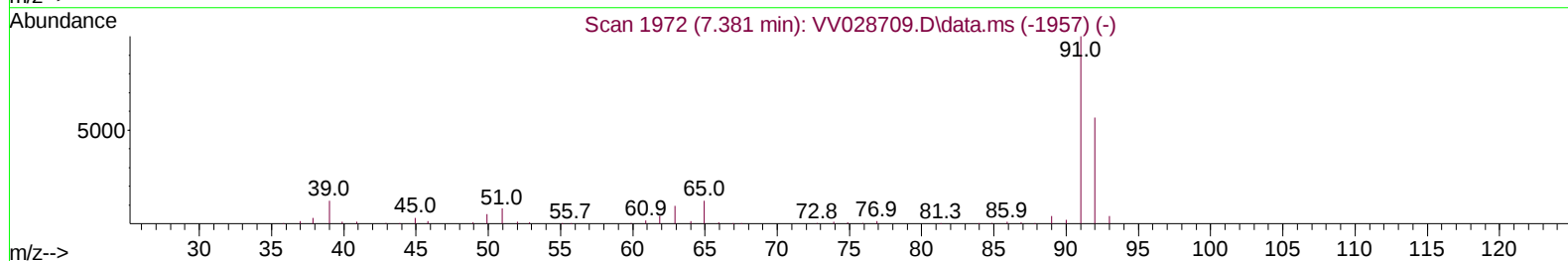
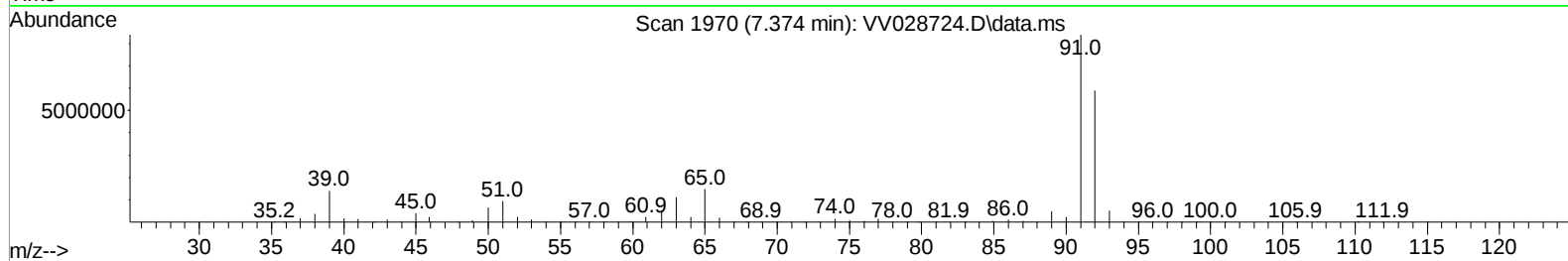
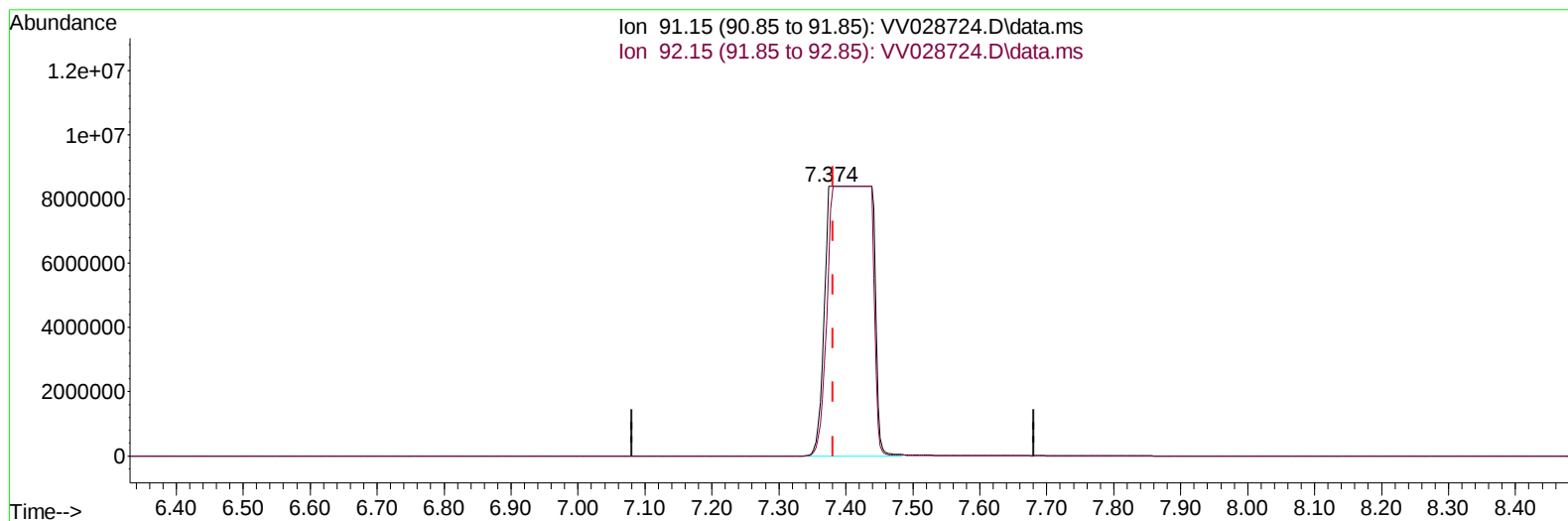
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028724.D
 Acq On : 27 Oct 2022 16:50
 Operator : SY/MD
 Sample : N5233-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 11/01/2022



TIC: VV028724.D\data.ms

(42) Toluene (T)

7.374min (-0.007) 581.50 ug/L m

response 40124040

Ion	Exp%	Act%
91.15	100.00	100.00
92.15	57.90	70.30
0.00	0.00	0.00
0.00	0.00	0.00

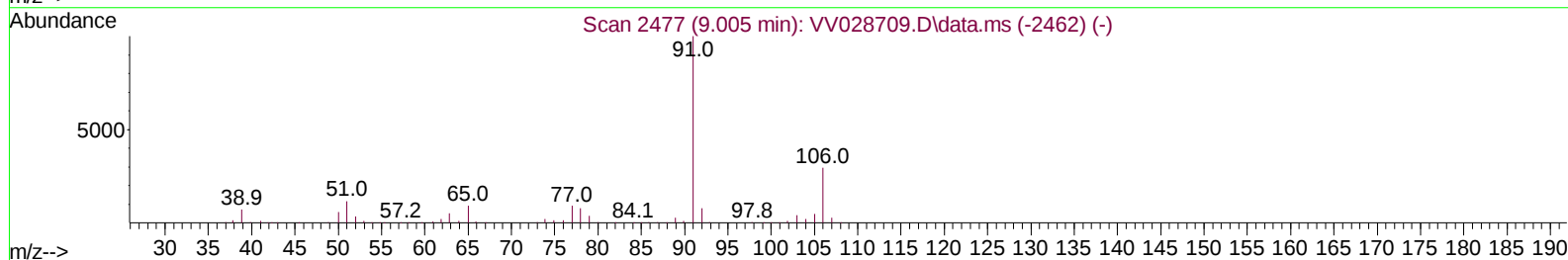
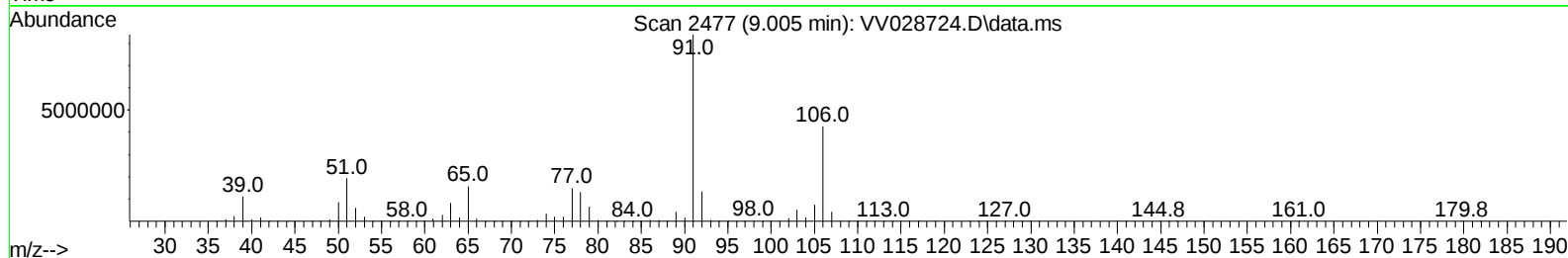
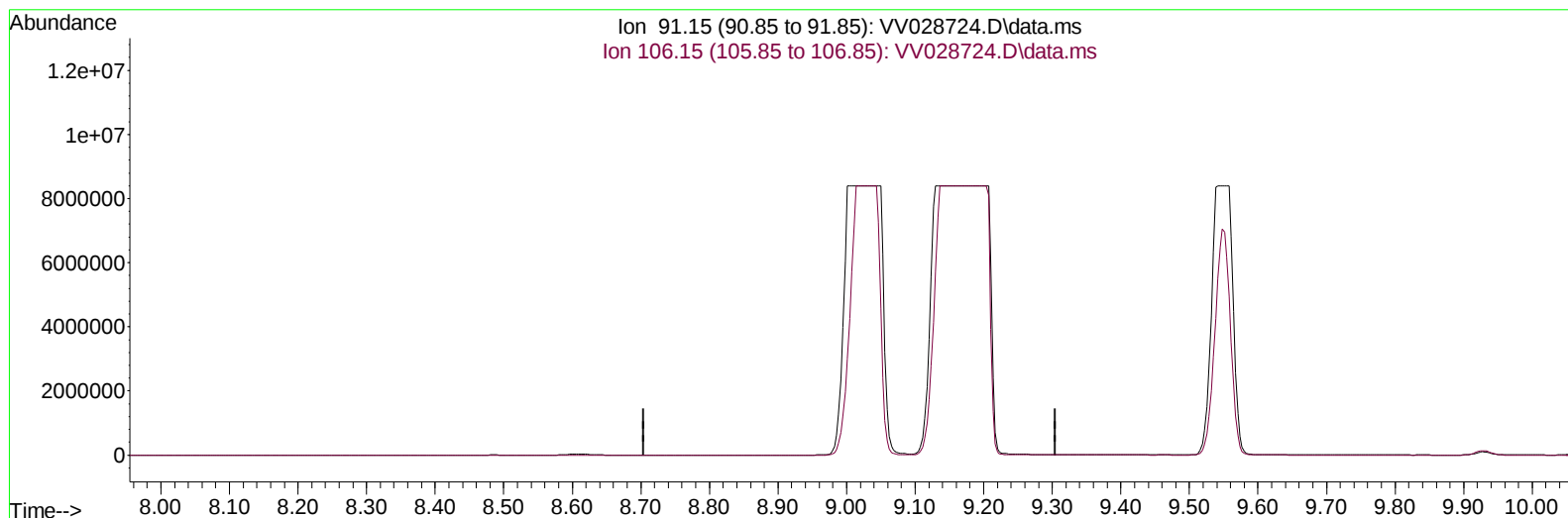
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 Data File : VV028724.D
 Acq On : 27 Oct 2022 16:50
 Operator : SY/MD
 Sample : N5233-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 10/28/2022
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TIC: VV028724.D\data.ms

(52) Ethylbenzene (T)

9.005min (-9.005) 0.00 ug/L

response 0

Ion	Exp%	Act%
91.15	100.00	0.00
106.15	30.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

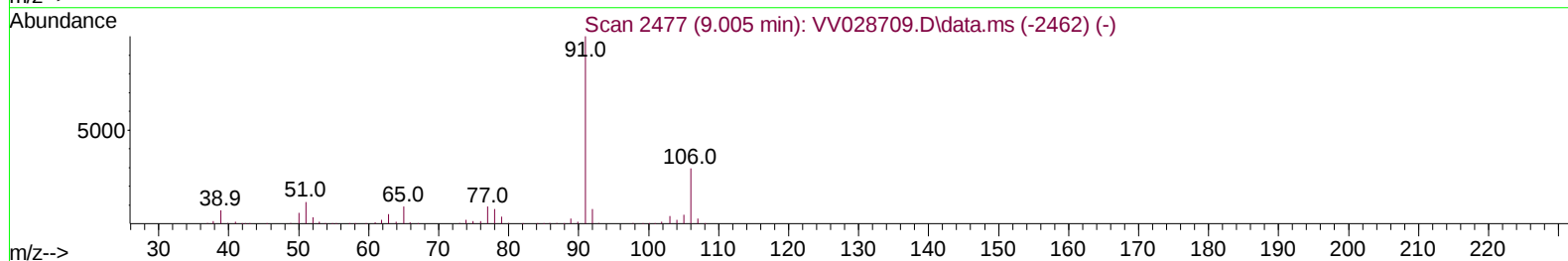
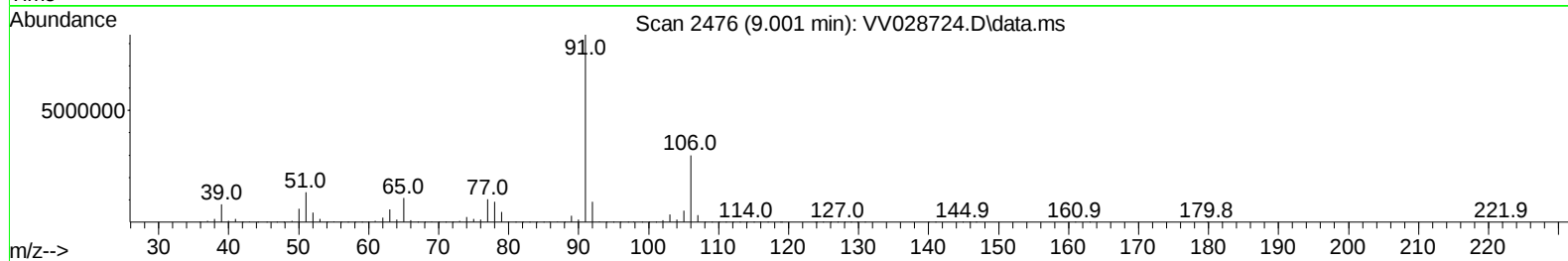
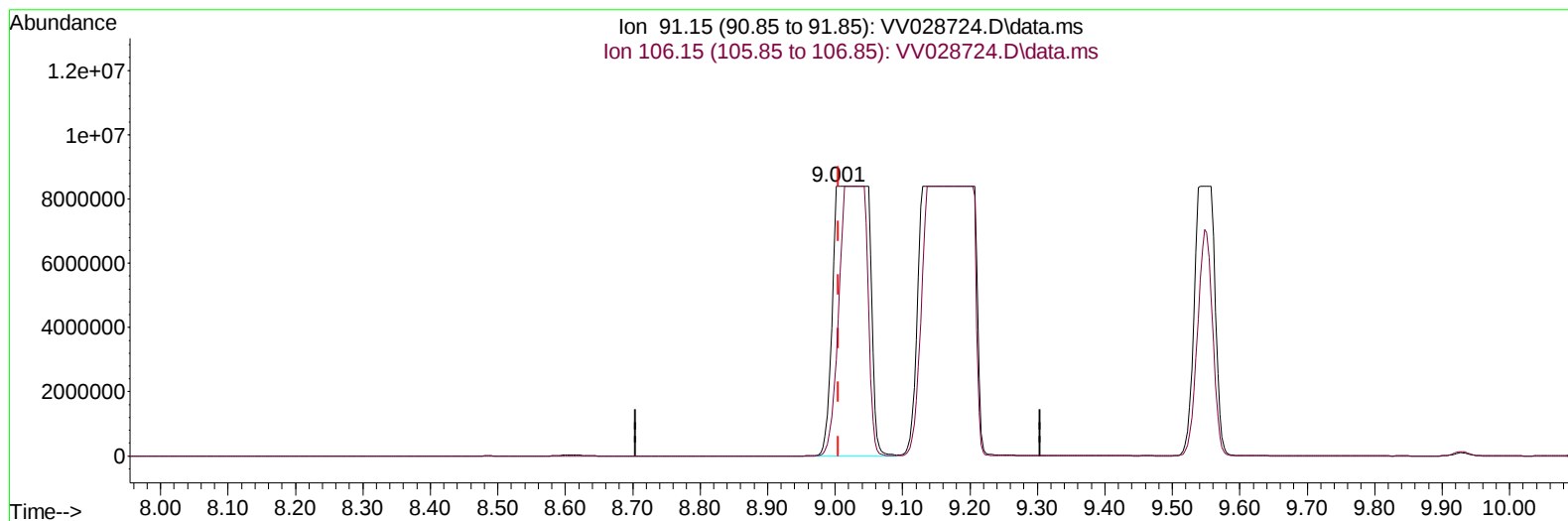
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 Acq On : 27 Oct 2022 16:50
 Operator : SY/MD
 Sample : N5233-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 11/01/2022



TIC: VV028724.D\data.ms

(52) Ethylbenzene (T)

9.001min (-0.003) 405.63 ug/L m

response 31105841

Ion	Exp%	Act%
91.15	100.00	100.00
106.15	30.50	35.72
0.00	0.00	0.00
0.00	0.00	0.00

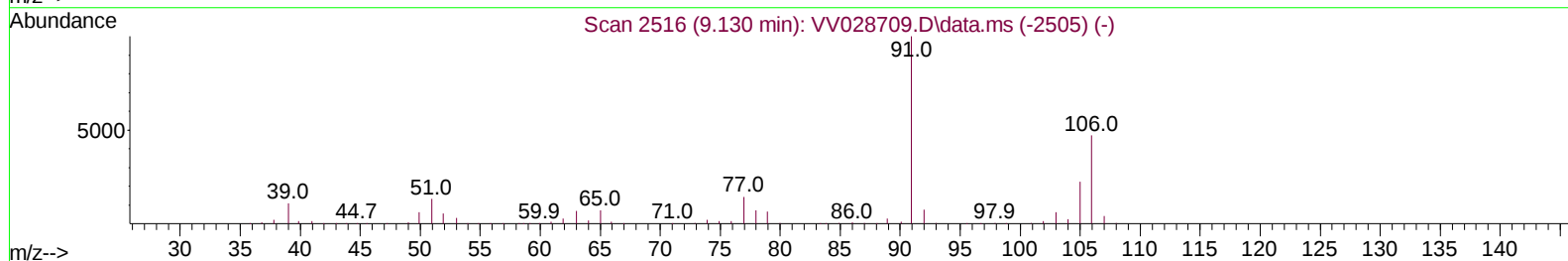
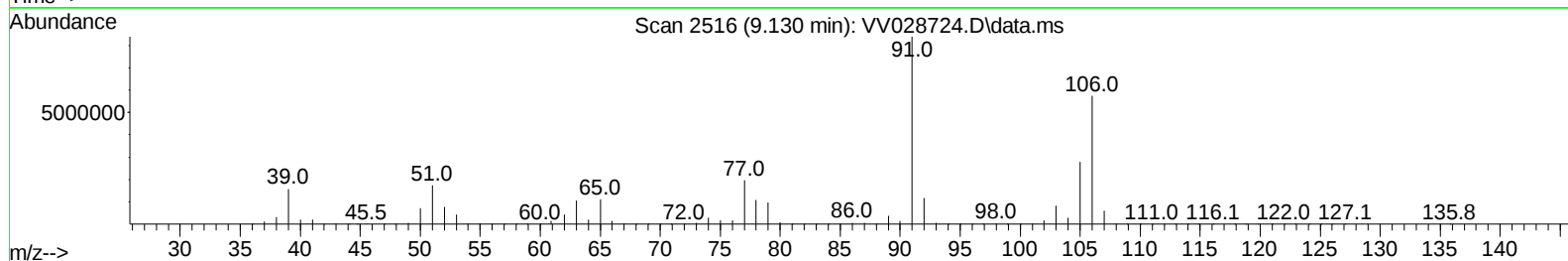
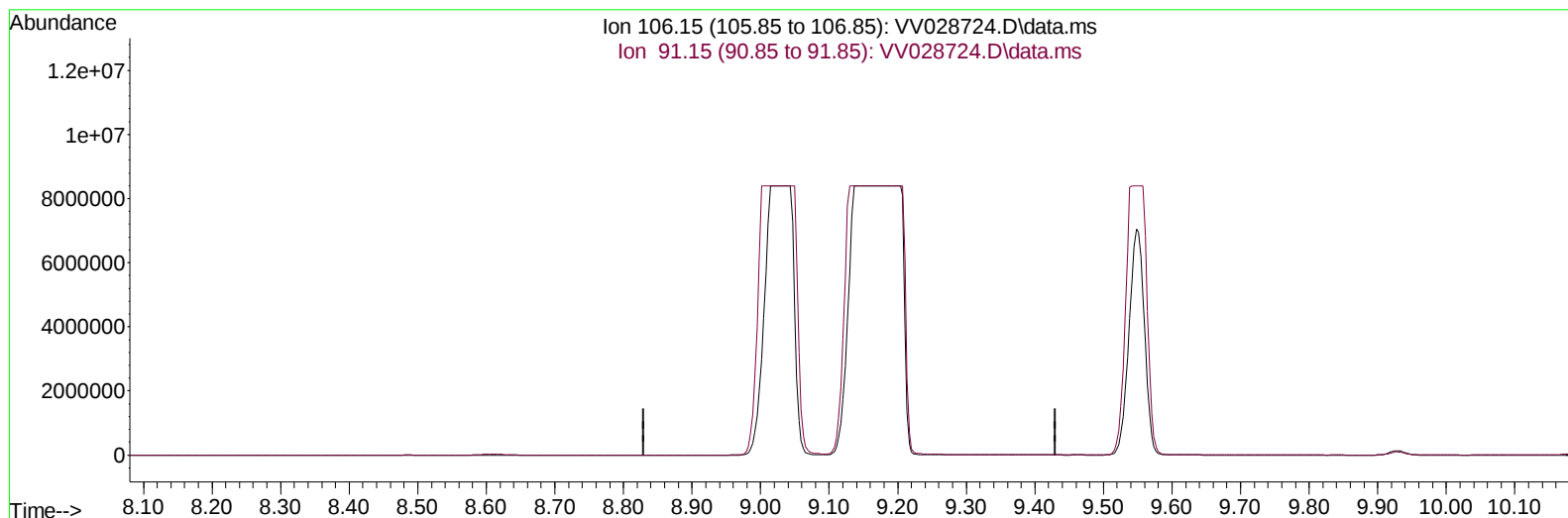
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028724.D
 Acq On : 27 Oct 2022 16:50
 Operator : SY/MD
 Sample : N5233-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:19:12 2022
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TIC: VV028724.D\data.ms

(53) m,p-Xylene (T)

9.130min (-9.130) 0.00 ug/L

response 0

Ion	Exp%	Act%
106.15	100.00	0.00
91.15	207.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

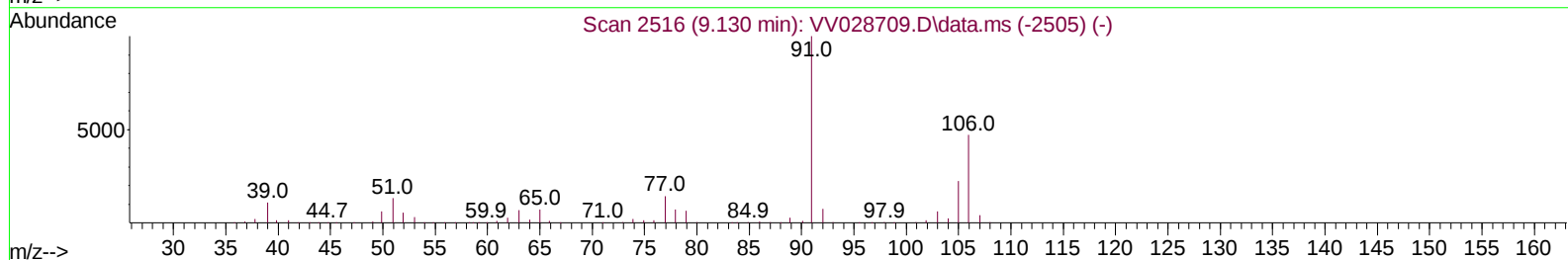
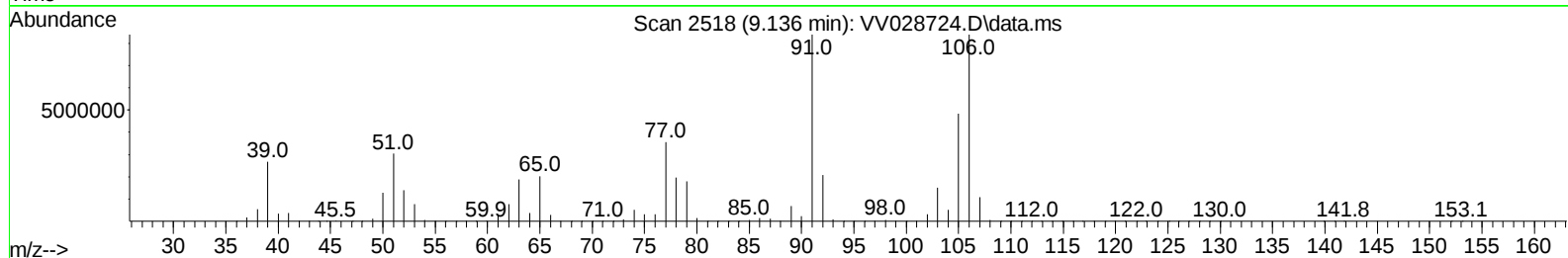
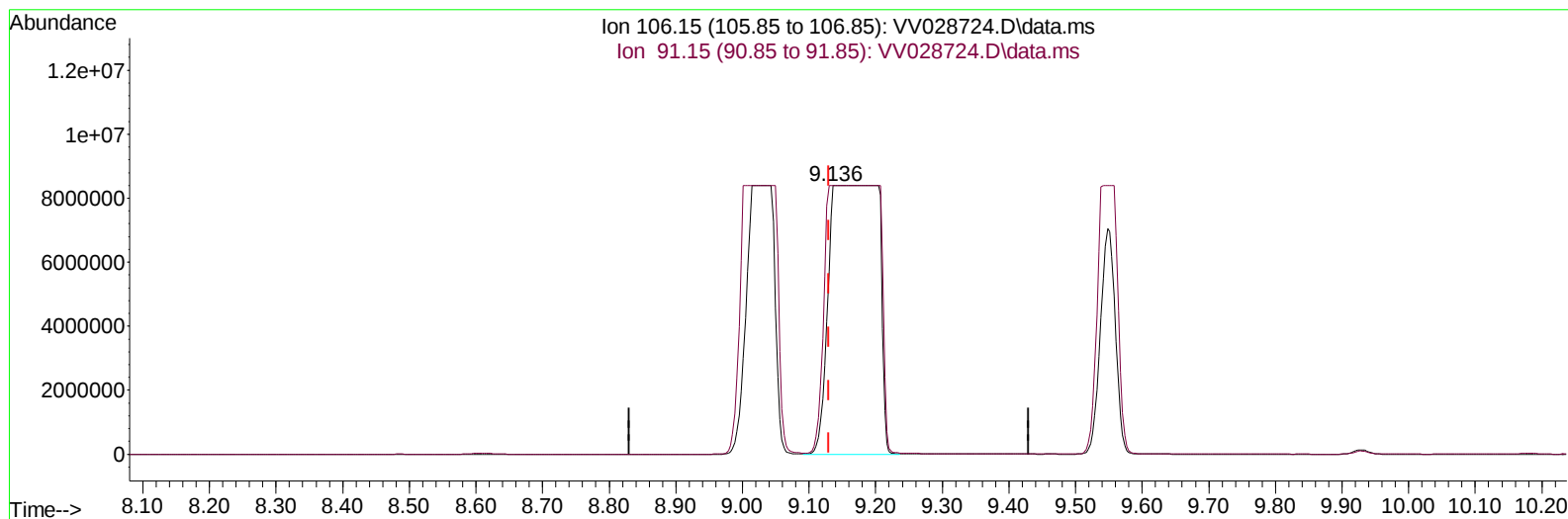
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 Data File : VV028724.D
 Acq On : 27 Oct 2022 16:50
 Operator : SY/MD
 Sample : N5233-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

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 Supervised By :Mahesh Dadoda 11/01/2022



TIC: VV028724.D\data.ms

(53) m,p-Xylene (T)

9.136min (+ 0.006) 1548.56 ug/L m

response 42877887

Ion	Exp%	Act%
106.15	100.00	100.00
91.15	207.80	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

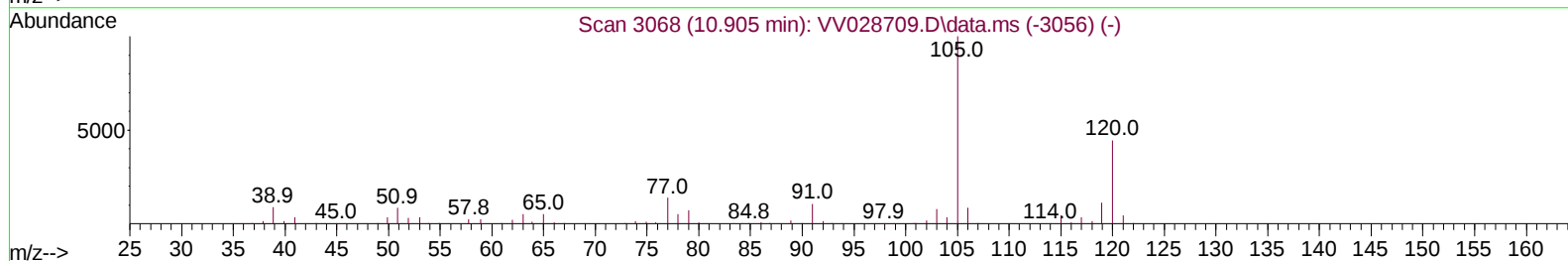
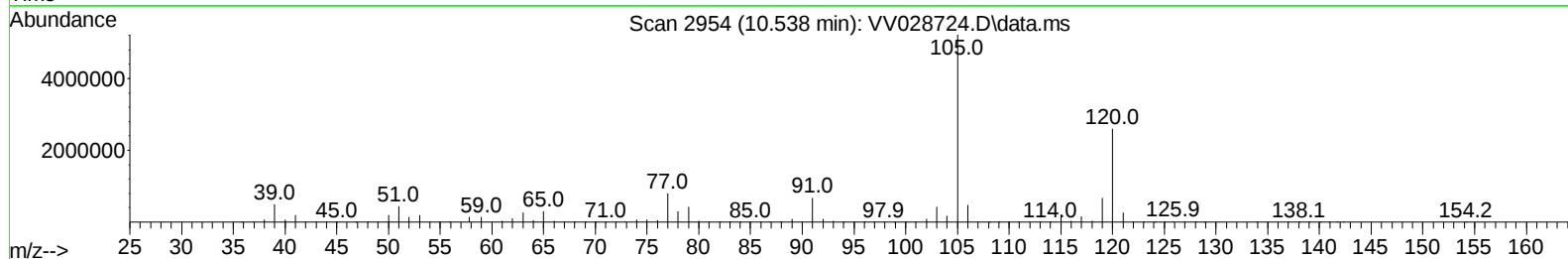
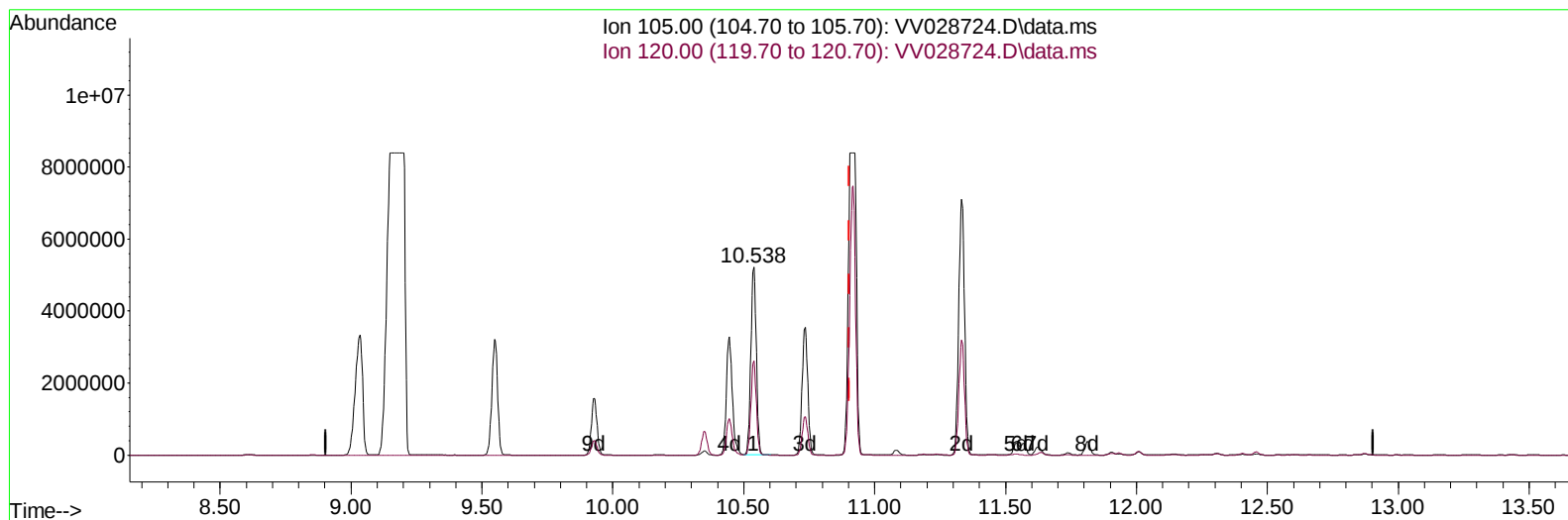
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 Acq On : 27 Oct 2022 16:50
 Operator : SY/MD
 Sample : N5233-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
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 QLast Update : Fri Oct 28 02:13:29 2022
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 Supervised By :Mahesh Dadoda 11/01/2022



TIC: VV028724.D\data.ms

(63) 1,2,4-Trimethylbenzene (T)

10.538min (-0.367) 106.24 ug/L

response 7569105

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	45.20	49.17
0.00	0.00	0.00
0.00	0.00	0.00

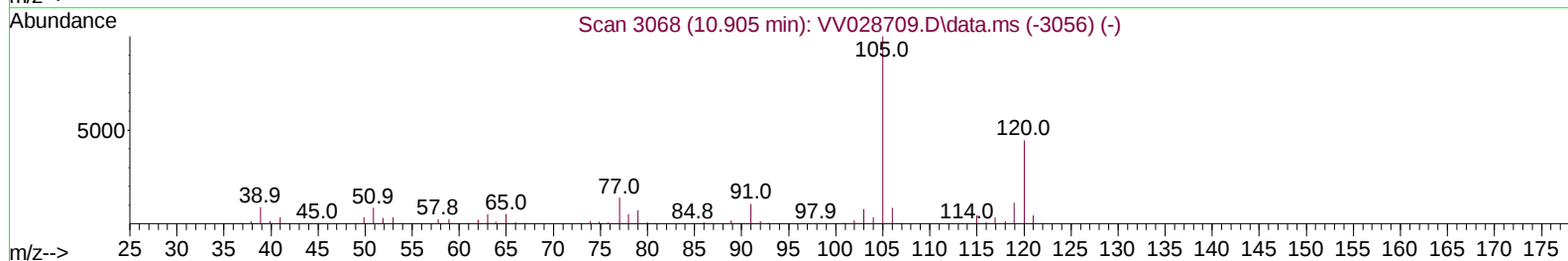
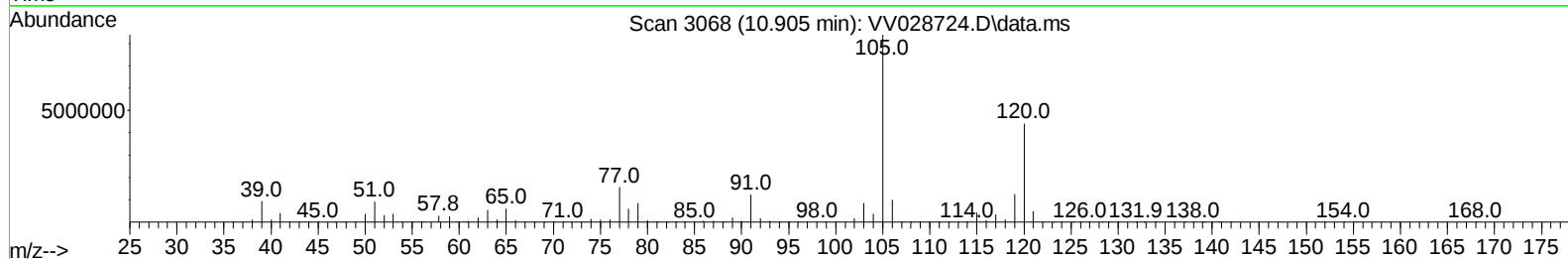
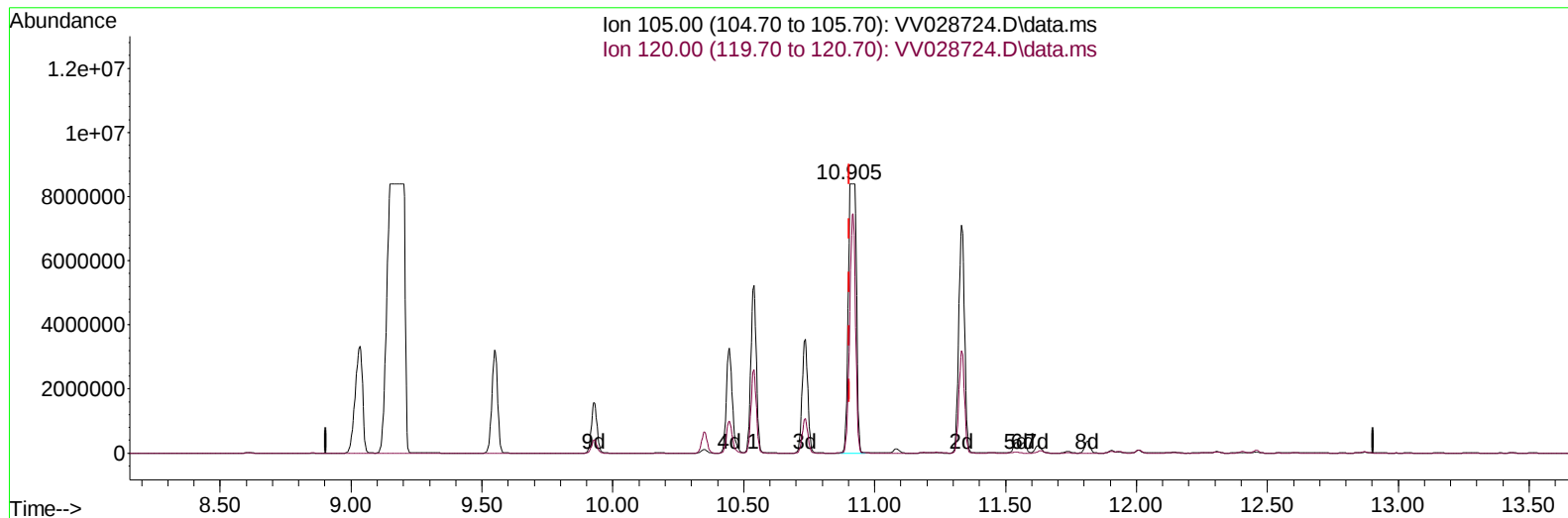
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028724.D
 Acq On : 27 Oct 2022 16:50
 Operator : SY/MD
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 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
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 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 11/01/2022



TIC: VV028724.D\data.ms

(63) 1,2,4-Trimethylbenzene (T)

10.905min (-0.000) 251.73 ug/L m

response 17935501

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	45.20	20.75#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
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 MSVOA_V
 ClientSampleId :
 BHA77

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	223283	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	243491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	140150	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	59051	3.803	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	76.000%	
7) Chloroethane-d5	1.564	69	53635	4.085	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	81.600%	
11) 1,1-Dichloroethene-d2	2.101	63	87456	2.912	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	58.200%#	
20) 2-Butanone-d5	3.902	46	133252m	37.632	ug/L	0.01
Spiked Amount 50.000	Range 40	- 130	Recovery	=	75.260%	
24) Chloroform-d	4.346	84	110543	4.099	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	82.000%	
26) 1,2-Dichloroethane-d4	5.104	65	100334	7.333	ug/L	0.08
Spiked Amount 5.000	Range 70	- 130	Recovery	=	146.600%#	
32) Benzene-d6	5.079	84	257568	3.955	ug/L	0.04
Spiked Amount 5.000	Range 70	- 125	Recovery	=	79.200%	
36) 1,2-Dichloropropane-d6	6.069	67	79920	3.877	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	77.600%	
41) Toluene-d8	7.320	98	253082	4.981	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	99.600%	
43) trans-1,3-Dichloroprop...	7.625	79	22143	3.458	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	69.200%	
46) 2-Hexanone-d5	8.095	63	145718	48.882	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	97.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	71184	5.207	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	104.200%	
66) 1,2-Dichlorobenzene-d4	11.619	152	94854	4.907	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	98.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	6786	0.721	ug/L	99
3) Chloromethane	1.236	50	2784	0.158	ug/L	99
5) Vinyl chloride	1.307	62	793851	45.449	ug/L	99
8) Chloroethane	1.580	64	242538	20.422	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	11504	0.832	ug/L	99
12) 1,1-Dichloroethene	2.114	96	9684	0.789	ug/L #	7
14) Carbon disulfide	2.291	76	15147	0.535	ug/L #	92
16) Methylene chloride	2.503	84	24768	1.463	ug/L	90
18) trans-1,2-Dichloroethene	2.757	96	84515	6.843	ug/L	98
19) 1,1-Dichloroethane	3.185	63	1759939	59.038	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	8122398	548.578	ug/L #	100
29) 1,1,1-Trichloroethane	4.606	97	4675	0.160	ug/L	89
30) Cyclohexane	4.674	56	514387	16.950	ug/L	99
33) Benzene	5.079	78	59817799m	821.985	ug/L	
34) Trichloroethene	5.918	95	14323	0.794	ug/L	95
35) Methylcyclohexane	6.130	83	554587	22.269	ug/L	98
40) 4-Methyl-2-pentanone	7.246	43	928722	84.362	ug/L	97
42) Toluene	7.374	91	40124040m	581.496	ug/L	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
 Data File : VV028724.D
 Acq On : 27 Oct 2022 16:50
 Operator : SY/MD
 Sample : N5233-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA77

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 02:19:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

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

51) Chlorobenzene	8.886	112	13182818	303.408	ug/L	91
52) Ethylbenzene	9.001	91	31105841m	405.633	ug/L	
53) m,p-Xylene	9.136	106	42877887m	1548.559	ug/L	
54) o-Xylene	9.548	106	10978378	394.135	ug/L #	34
60) Isopropylbenzene	9.927	105	2406206	27.284	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	7569105	294.195	ug/L	98
63) 1,2,4-Trimethylbenzene	10.905	105	17935501m	251.731	ug/L	
64) 1,3-Dichlorobenzene	11.178	146	152037	4.002	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	1563345	41.247	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	874921	25.189	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	7664	0.349	ug/L #	87

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

Manual IntegrationsAPPROVED

Quant Time: Oct 28 02:19:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 02:13:29 2022
Response via : Initial Calibration

