

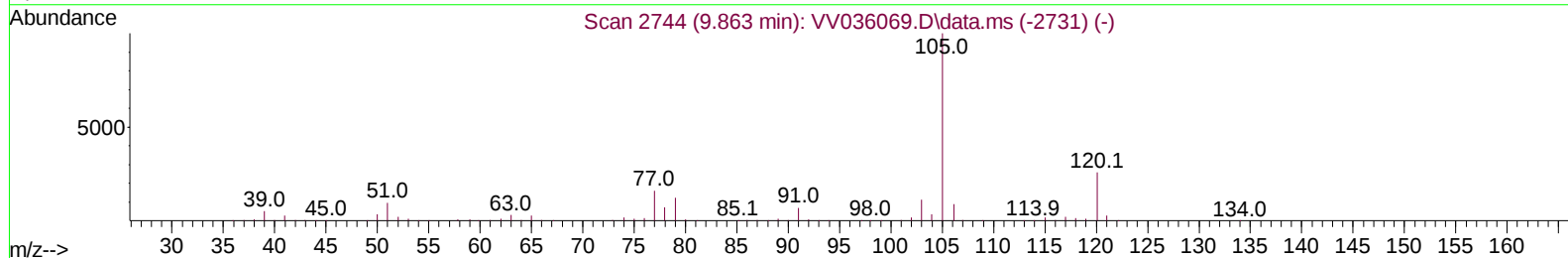
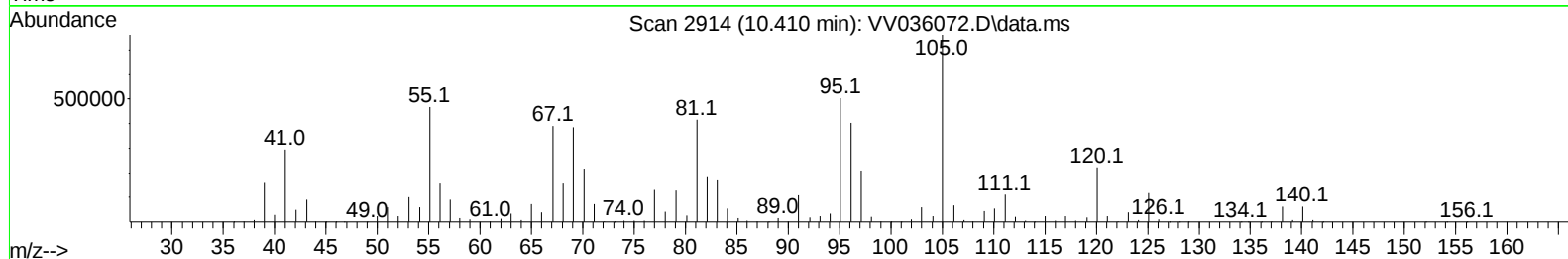
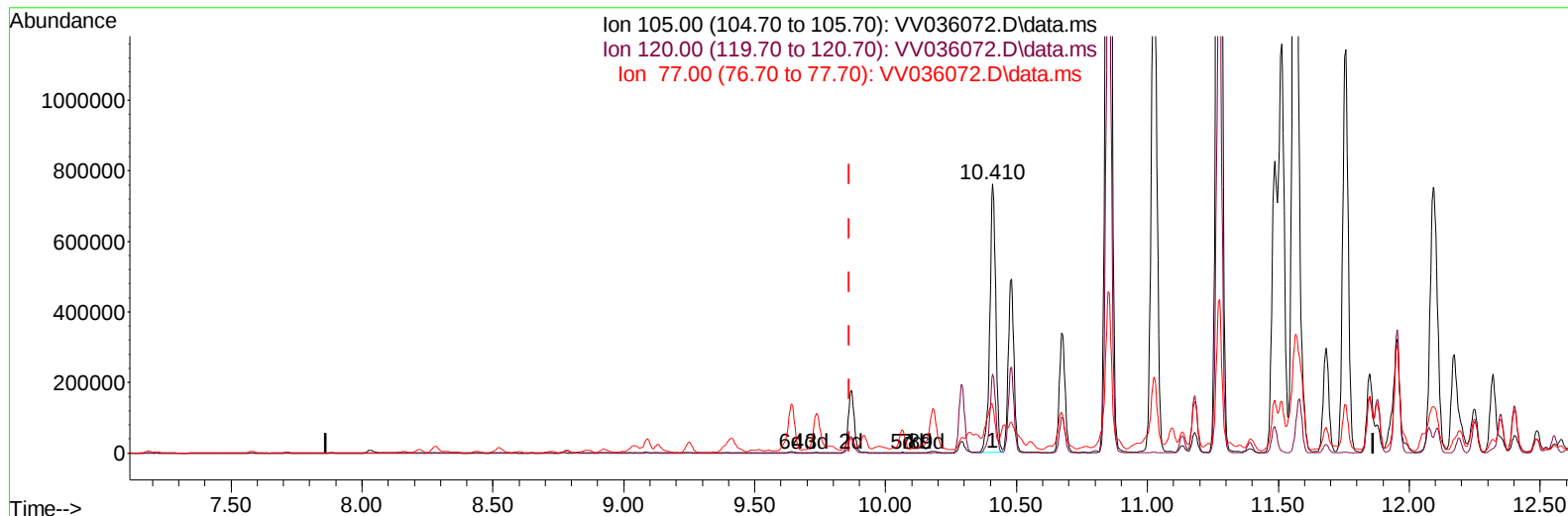
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
Data File : VV036072.D
Acq On : 13 Jun 2024 20:17
Operator : SY/MD
Sample : P2856-02
Misc : 3.33g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SE4

Manual IntegrationsAPPROVED

Quant Time: Jun 14 03:08:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 02:40:50 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 06/20/2024
Supervised By :Semsettin Yesilyurt 06/20/2024



TIC: VV036072.D\data.ms

(60) Isopropylbenzene

10.410min (+ 0.547) 25.30 ug/L

response 1196282

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	26.30	29.42
77.00	15.70	17.69
0.00	0.00	0.00

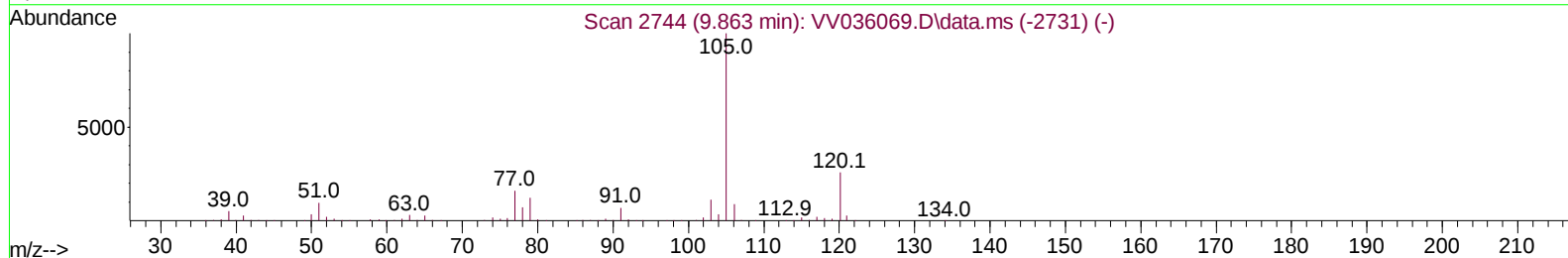
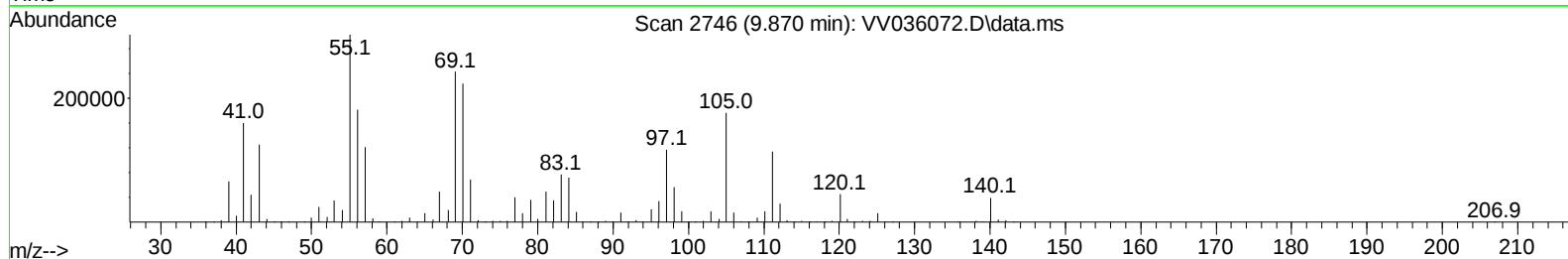
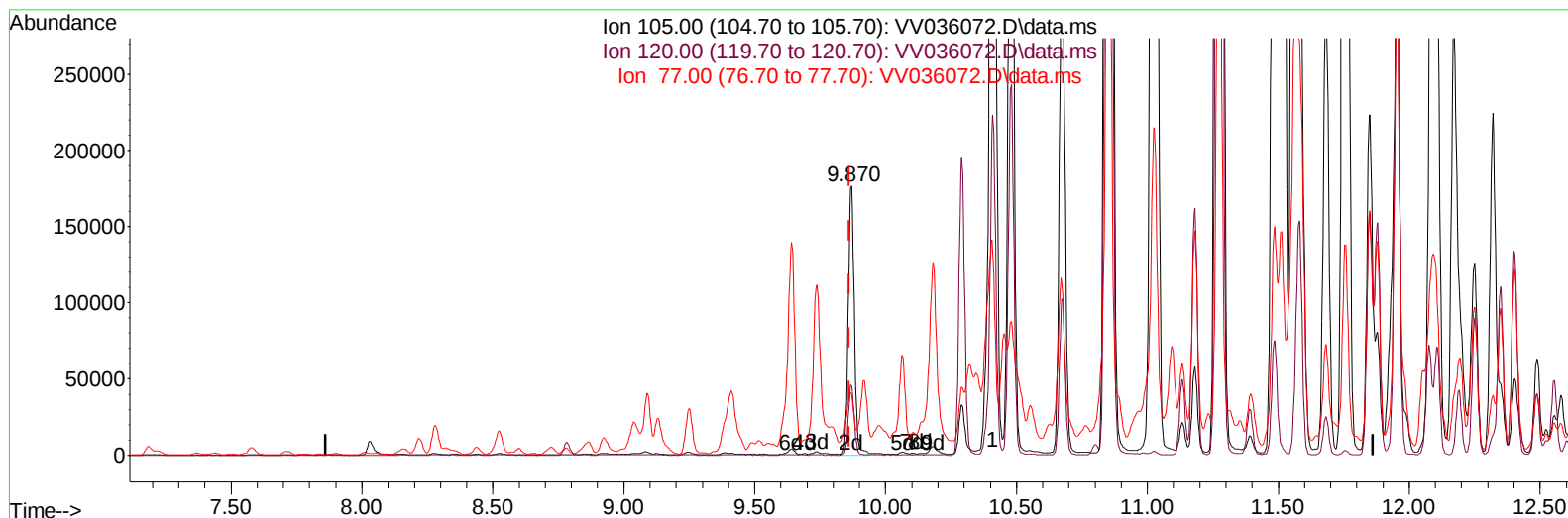
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TIC: VV036072.D\data.ms

(60) Isopropylbenzene

9.870min (+ 0.006) 5.97 ug/L m

response 282253

Ion	Exp%	Act%
105.00	100.00	100.00
120.00	26.30	124.68#
77.00	15.70	74.97#
0.00	0.00	0.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Difluorobenzene	5.529	114		570037	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117		637341	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152		368501	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.272	65		209498	19.990	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery	=	79.960%	
7) Chloroethane-d5	1.526	69		168618	20.178	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery	=	80.720%	
11) 1,1-Dichloroethene-d2	2.050	65		91590	19.631	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110		Recovery	=	78.520%	
21) 2-Butanone-d5	3.831	46		74617	31.032	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135		Recovery	=	62.060%	
24) Chloroform-d	4.243	84		363238	20.043	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150		Recovery	=	80.160%	
26) 1,2-Dichloroethane-d4	4.937	65		204361	21.508	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130		Recovery	=	86.040%	
32) Benzene-d6	4.953	84		704302	18.591	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135		Recovery	=	74.360%	
36) 1,2-Dichloropropane-d6	5.985	67		249532	20.916	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120		Recovery	=	83.680%	
41) Toluene-d8	7.239	98		678588	20.300	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130		Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	7.551	79		105146	21.495	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135		Recovery	=	85.960%	
47) 2-Hexanone-d5	8.030	63		84491	52.271	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135		Recovery	=	104.540%	
56) 1,1,2,2-Tetrachloroeth...	10.178	84		1162232	130.366	ug/L	0.03
Spiked Amount 25.000	Range 45	- 120		Recovery	=	521.480%#	
66) 1,2-Dichlorobenzene-d4	11.561	152		299013	22.127	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120		Recovery	=	88.520%	
Target Compounds							
16) Methylene chloride	2.442	84		45188	3.503	ug/L	99
35) Methylcyclohexane	6.043	83		88581	5.014	ug/L #	85
60) Isopropylbenzene	9.870	105		282253m	5.970	ug/L	
62) 1,3,5-Trimethylbenzene	10.480	105		734342	21.421	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105		4870675	131.867	ug/L	99

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

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