

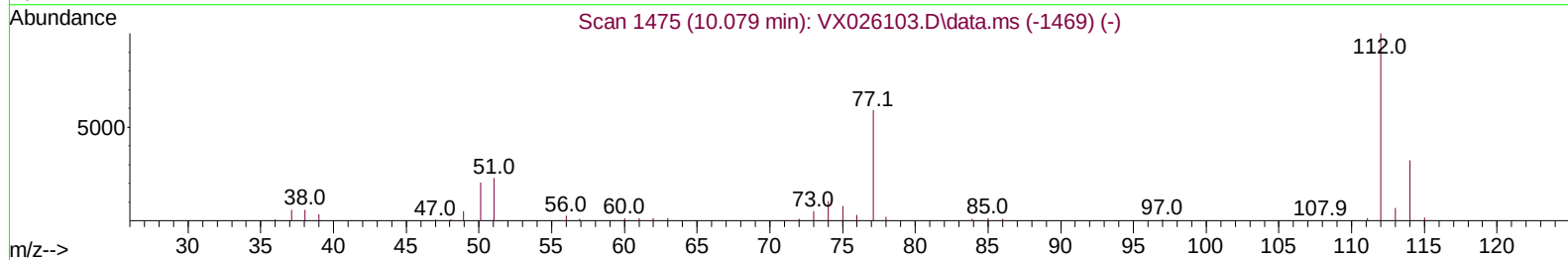
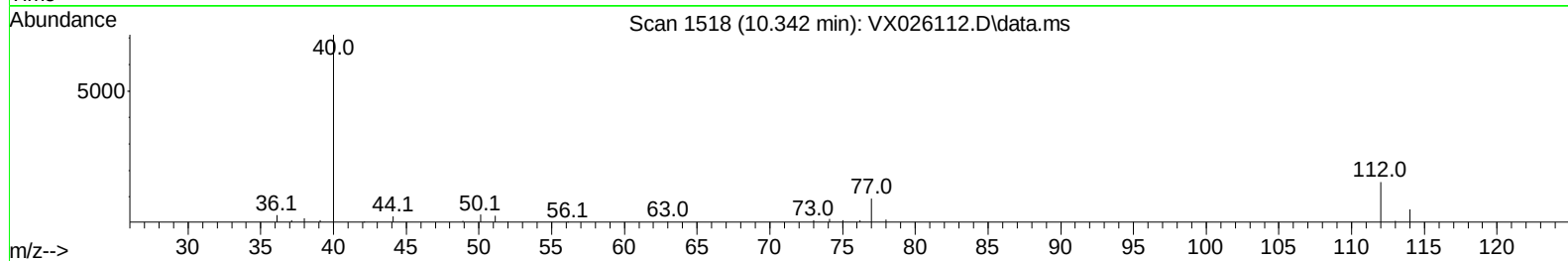
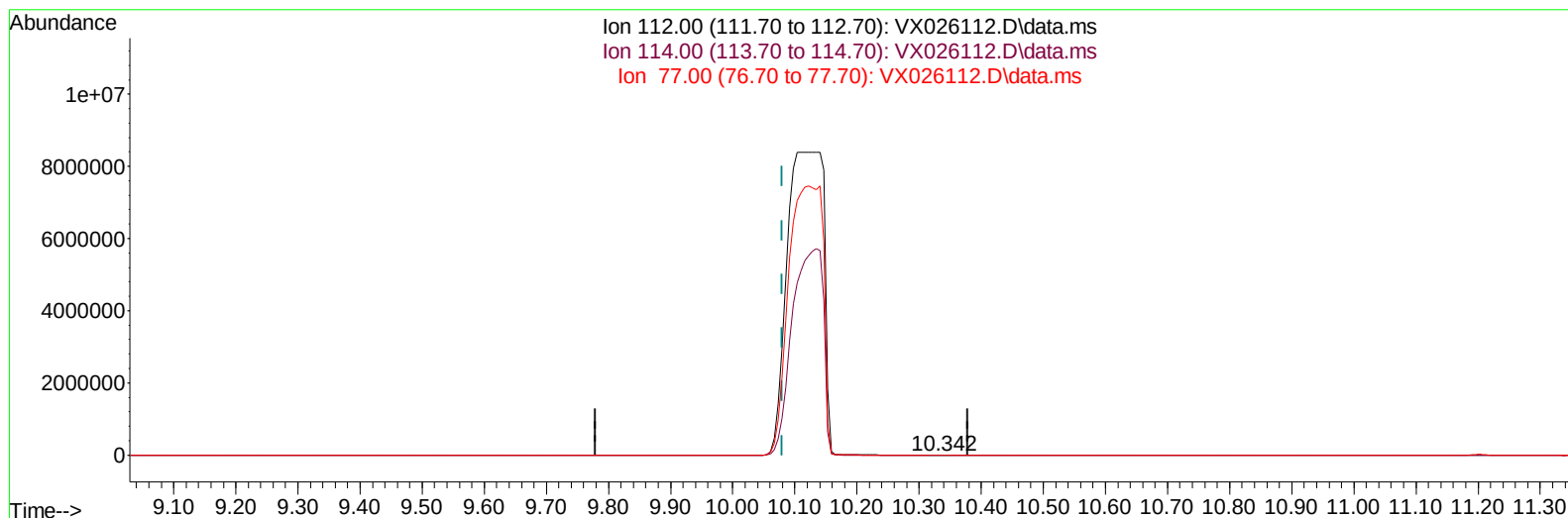
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
Data File : VX026112.D
Acq On : 28 Dec 2021 21:09
Operator : JC/MD
Sample : M5216-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
COHB5

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 29 04:33:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122821WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Dec 29 04:20:17 2021
Response via : Initial Calibration



TIC: VX026112.D\data.ms

(51) Chlorobenzene (T)

10.342min (+ 0.262) 0.22 ug/L

response 783

Ion	Exp%	Act%
112.00	100.00	100.00
114.00	31.70	33.57
77.00	59.80	60.47
0.00	0.00	0.00

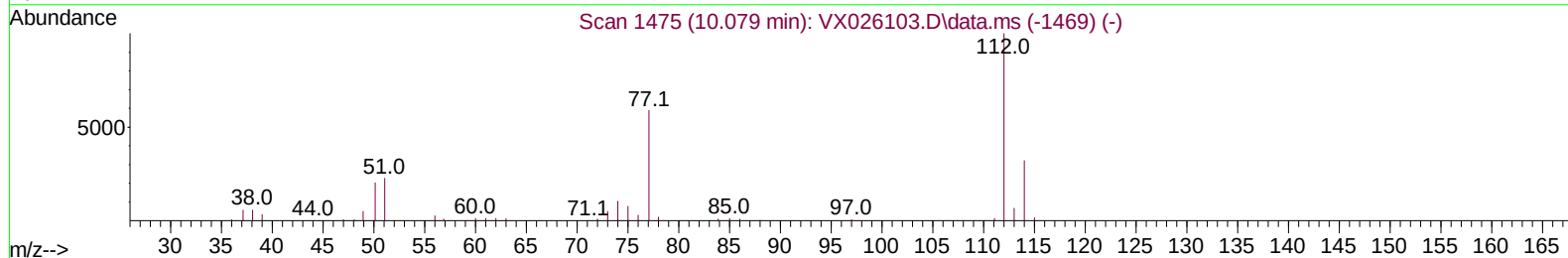
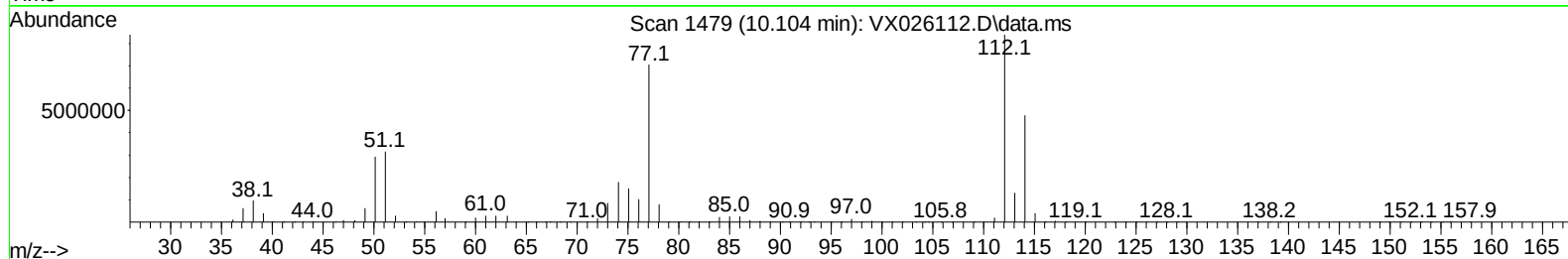
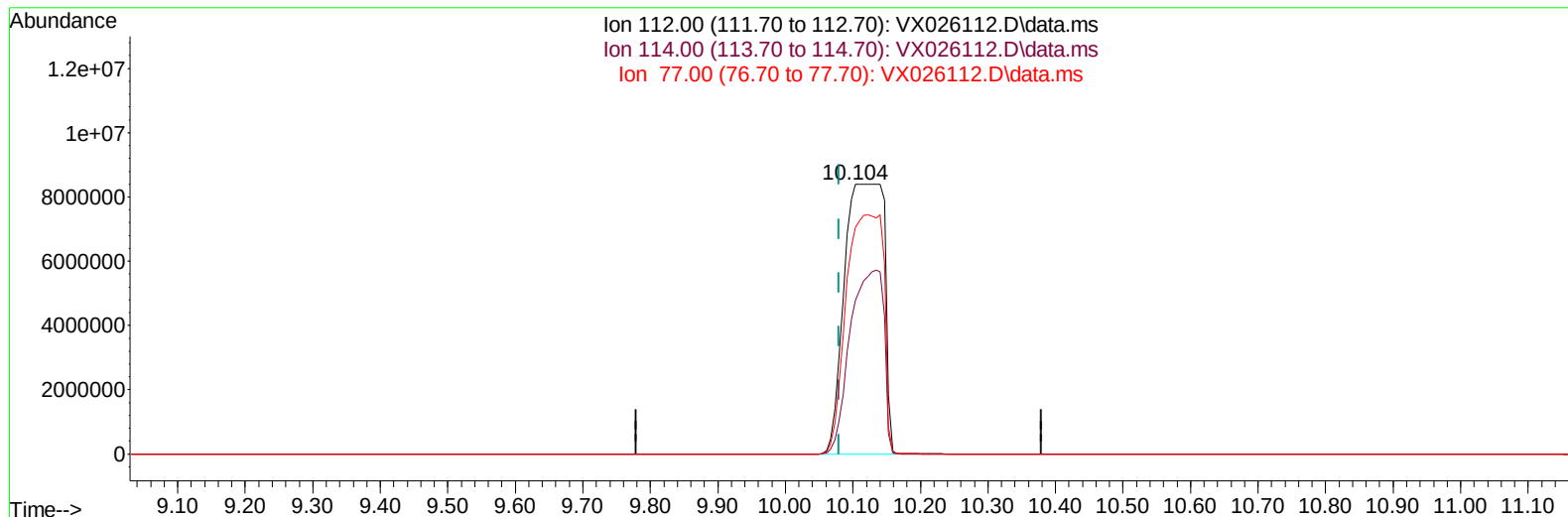
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(51) Chlorobenzene (T)

10.104min (+ 0.024) 9486.42 ug/L m

response 34078129

Ion	Exp%	Act%
112.00	100.00	100.00
114.00	31.70	56.96#
77.00	59.80	84.03#
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	6.769	114	194058	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.092	117	185284	50.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	12.049	152	103435	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	82854	55.009	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	110.020%	
7) Chloroethane-d5	1.672	69	63534	58.026	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	116.060%	
11) 1,1-Dichloroethene-d2	2.312	63	118612	43.143	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	86.280%	
21) 2-Butanone-d5	4.458	46	115469	110.946	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	110.950%	
24) Chloroform-d	5.068	84	144705	56.572	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	113.140%	
26) 1,2-Dichloroethane-d4	5.964	65	93707	56.515	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	113.020%	
32) Benzene-d6	5.989	84	276984	51.852	ug/L	0.01
Spiked Amount 50.000	Range 70	- 125	Recovery	=	103.700%	
36) 1,2-Dichloropropane-d6	7.318	67	85095	51.494	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	102.980%	
41) Toluene-d8	8.653	98	247281	50.758	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	101.520%	
43) trans-1,3-Dichloroprop...	8.951	79	41088	50.935	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	101.860%	
47) 2-Hexanone-d5	9.390	63	79348	102.955	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	102.960%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	117459	53.407	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	106.820%	
66) 1,2-Dichlorobenzene-d4	12.347	152	107490	54.478	ug/L	0.02
Spiked Amount 50.000	Range 80	- 120	Recovery	=	108.960%	
Target Compounds						
					Qvalue	
13) Acetone	2.386	43	14982	15.200	ug/L	98
25) Chloroform	5.105	83	168796	71.616	ug/L	96
29) Cyclohexane	5.477	56	14609	6.265	ug/L #	94
31) Carbon tetrachloride	5.684	117	99467	49.021	ug/L	100
33) Benzene	6.062	78	14514174	2653.100	ug/L	100
35) Methylcyclohexane	7.385	83	5646	2.541	ug/L #	77
38) Bromodichloromethane	7.830	83	1972	1.008	ug/L #	99
42) Toluene	8.726	91	10382	1.782	ug/L	98
46) Tetrachloroethene	9.281	164	2117	1.988	ug/L	98
51) Chlorobenzene	10.104	112	34078129m	9486.418	ug/L	
64) 1,3-Dichlorobenzene	11.981	146	3916243	1292.646	ug/L	95
65) 1,4-Dichlorobenzene	12.073	146	19636580	6325.558	ug/L #	67
67) 1,2-Dichlorobenzene	12.378	146	22026804	7297.688	ug/L #	66
69) 1,3,5-Trichlorobenzene	13.115	180	5966	2.898	ug/L	99
70) 1,2,4-trichlorobenzene	13.603	180	6407483	3457.383	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.969	180	1478119	785.991	ug/L	97

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

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

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