

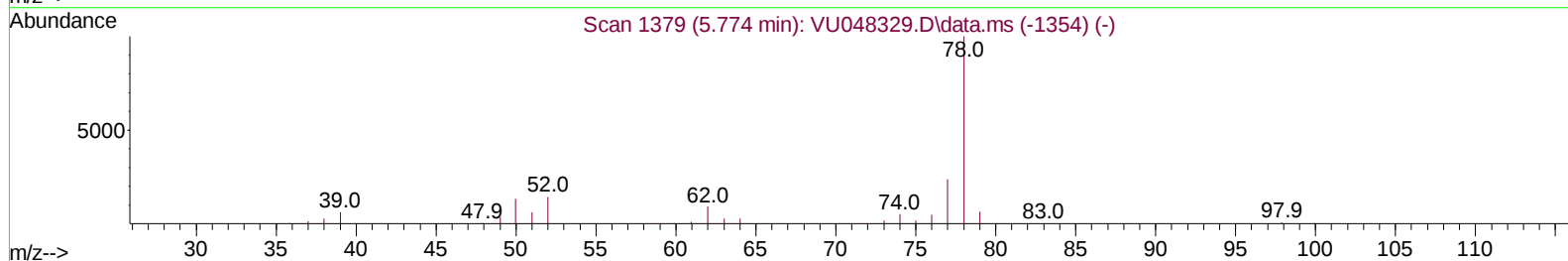
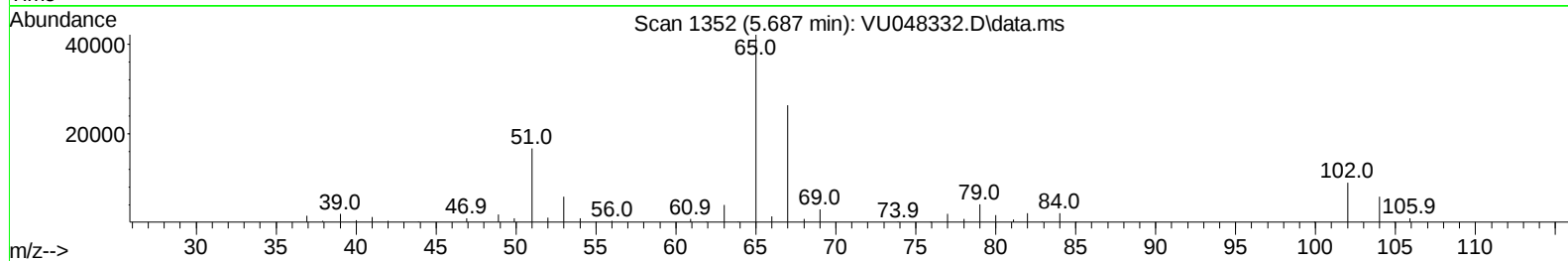
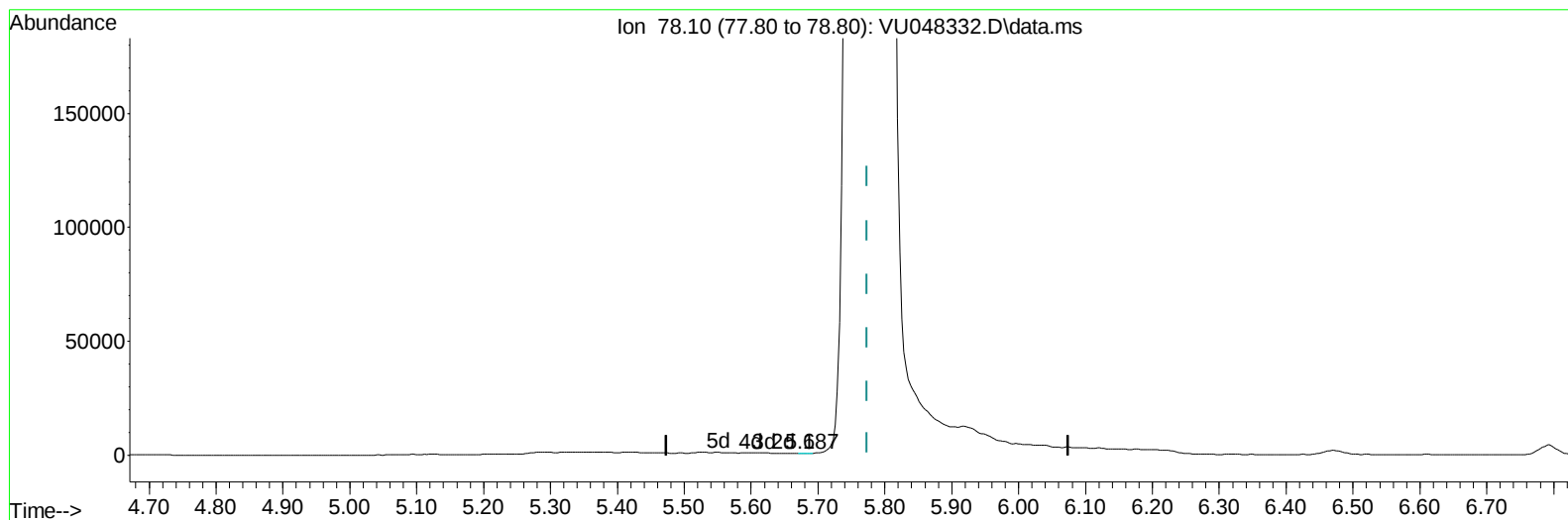
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
Data File : VU048332.D
Acq On : 28 Apr 2022 11:42
Operator : SY/MD
Sample : N2587-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EXET0

Manual IntegrationsAPPROVED

Quant Time: Apr 29 04:28:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 29 04:27:14 2022
Response via : Initial Calibration

Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



TIC: VU048332.D\data.ms

(33) Benzene (T)

5.687min (-0.087) 0.01 ug/L

response 122

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

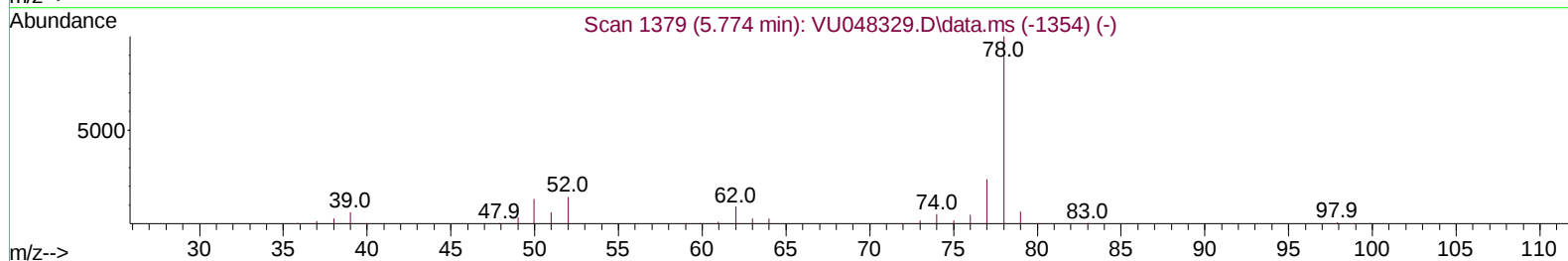
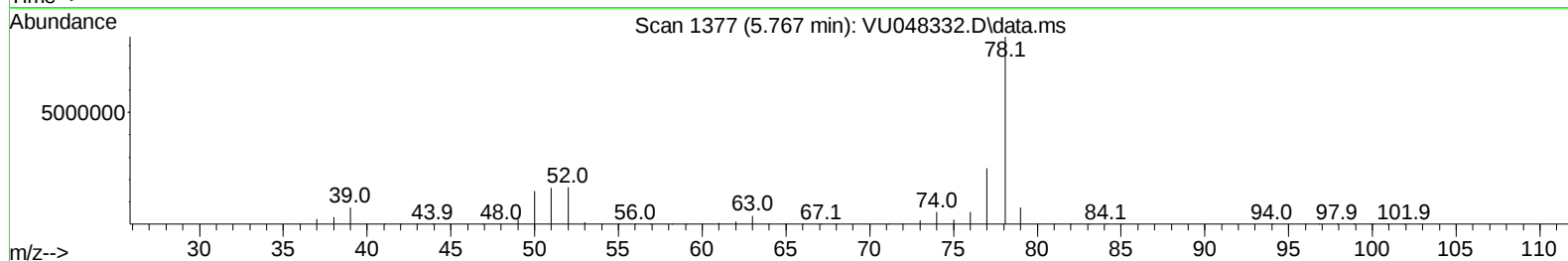
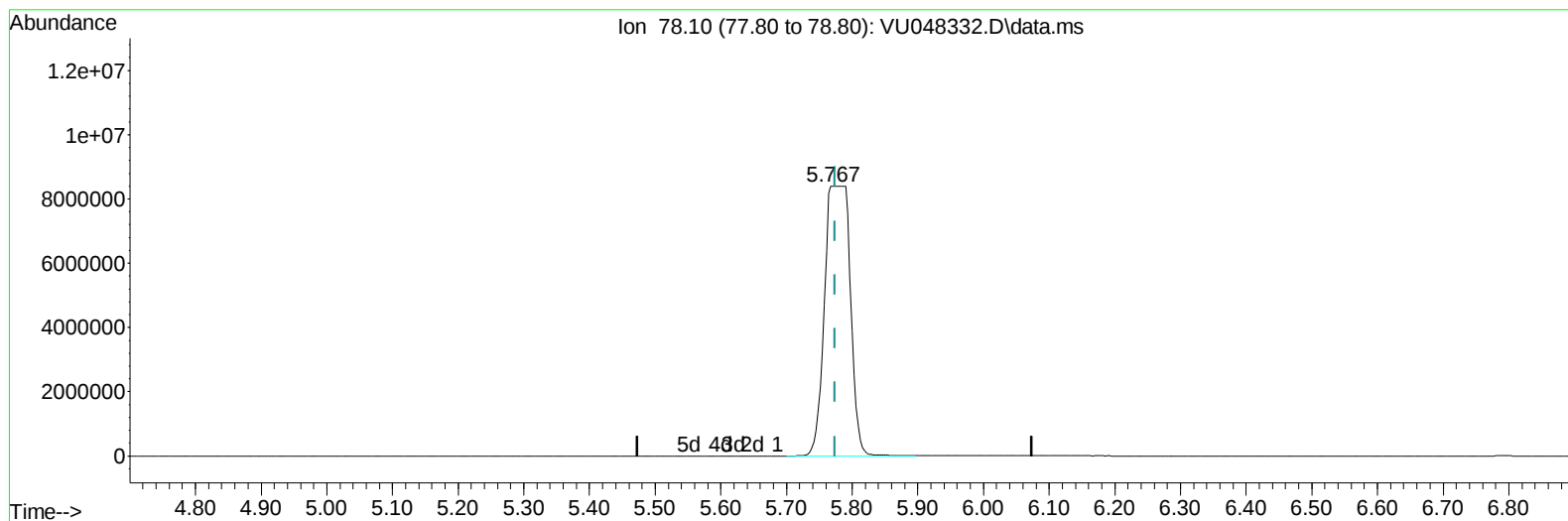
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TIC: VU048332.D\data.ms

(33) Benzene (T)

5.767min (-0.007) 1801.55 ug/L m

response 22826870

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

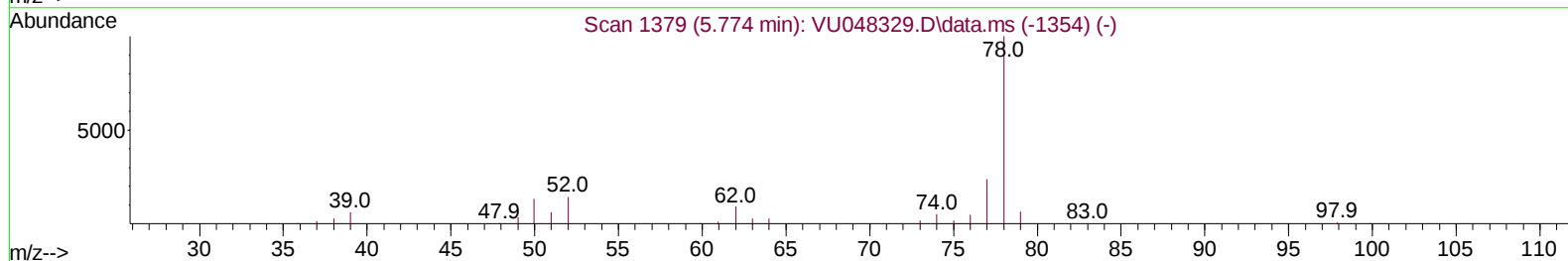
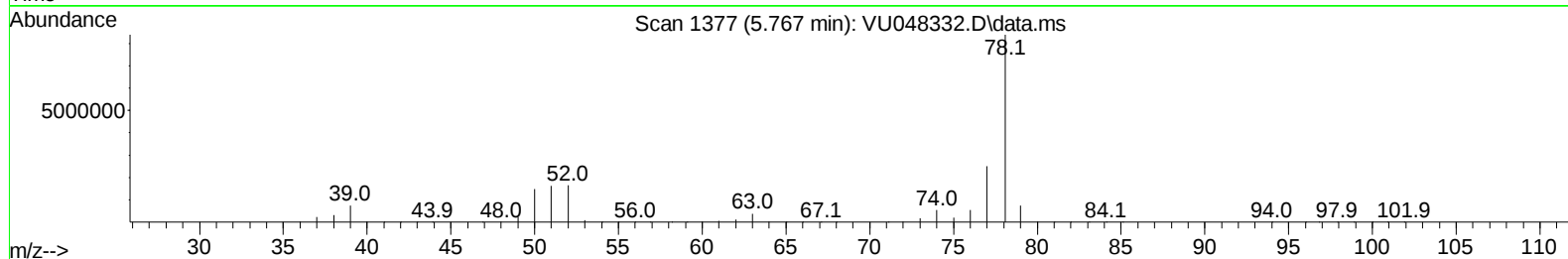
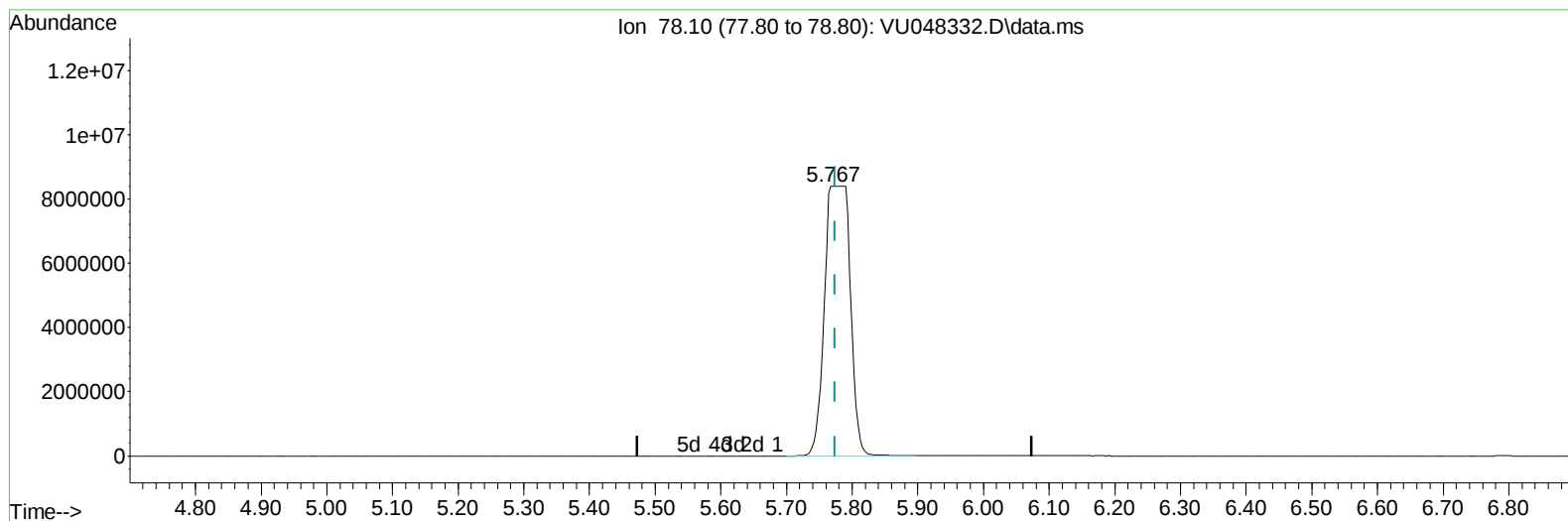
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Instrument :
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(33) Benzene (T)

5.767min (-0.007) 1801.55 ug/L m

response 22826870

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

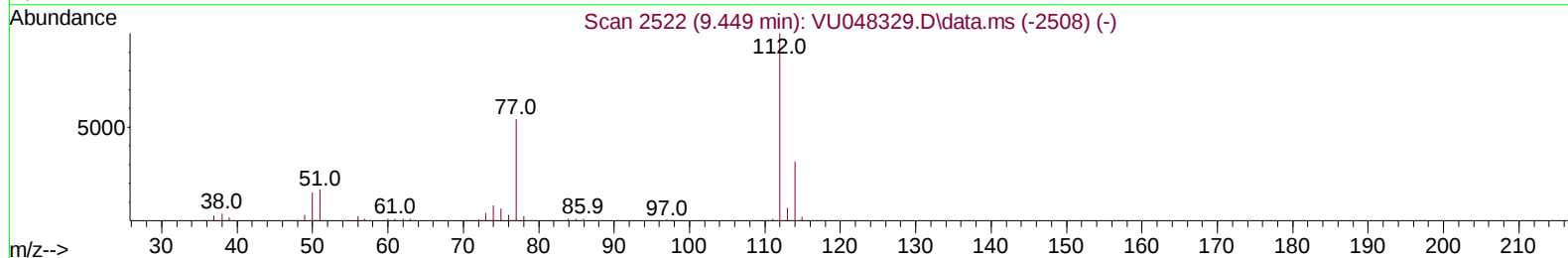
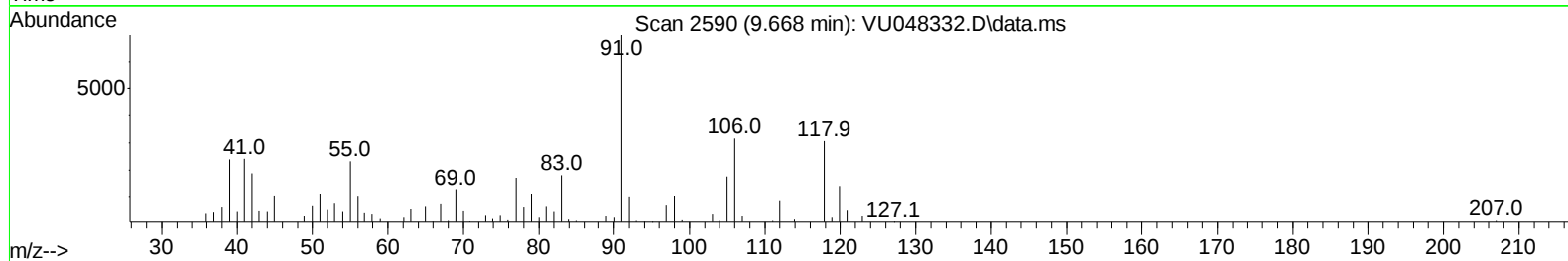
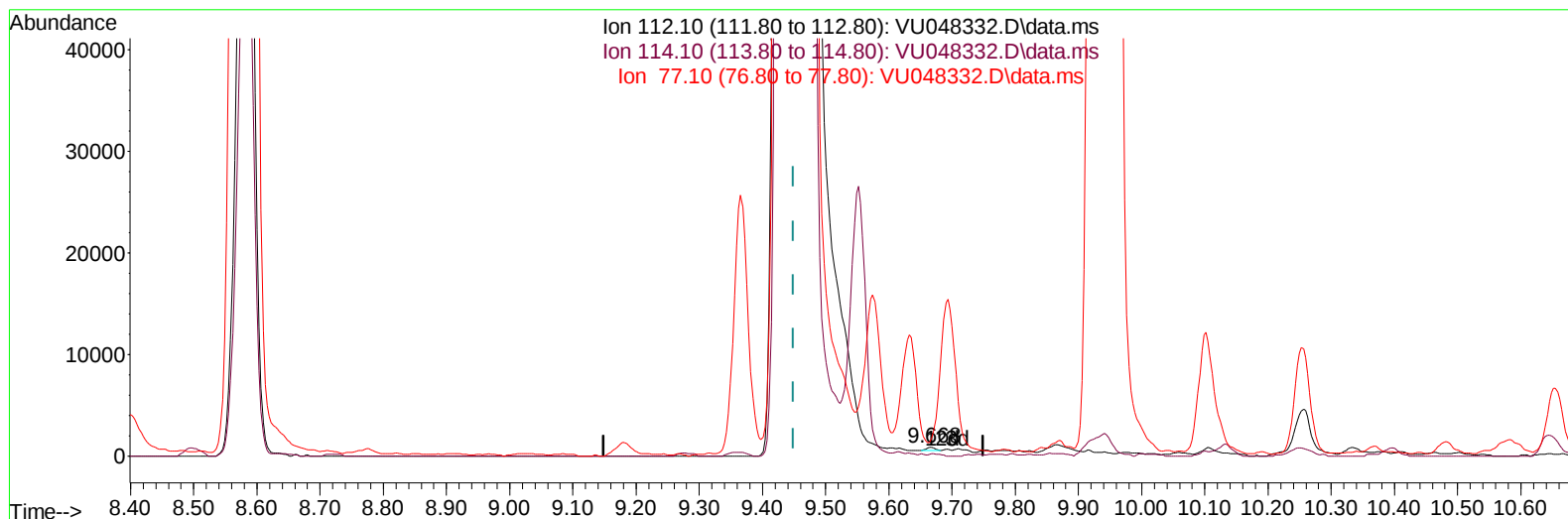
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TIC: VU048332.D\data.ms

(51) Chlorobenzene (T)

9.668min (+ 0.219) 0.03 ug/L

response 318

Ion	Exp%	Act%
112.10	100.00	100.00
114.10	32.40	23.68
77.10	55.40	199.31#
0.00	0.00	0.00

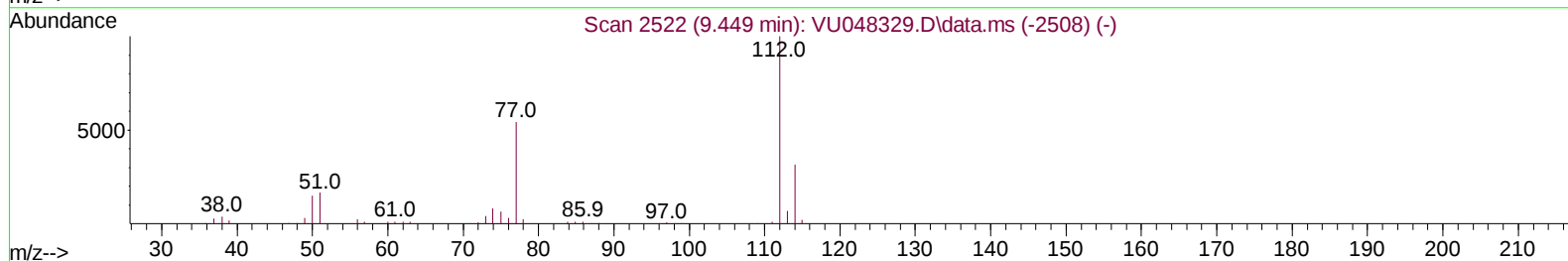
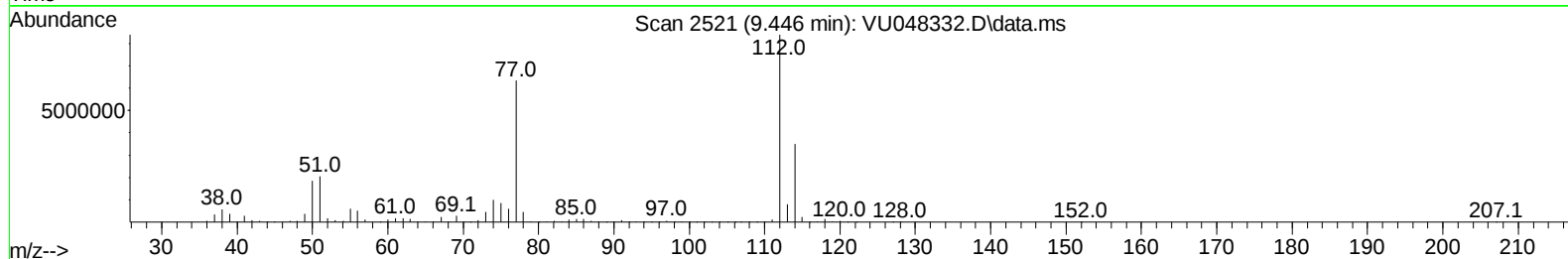
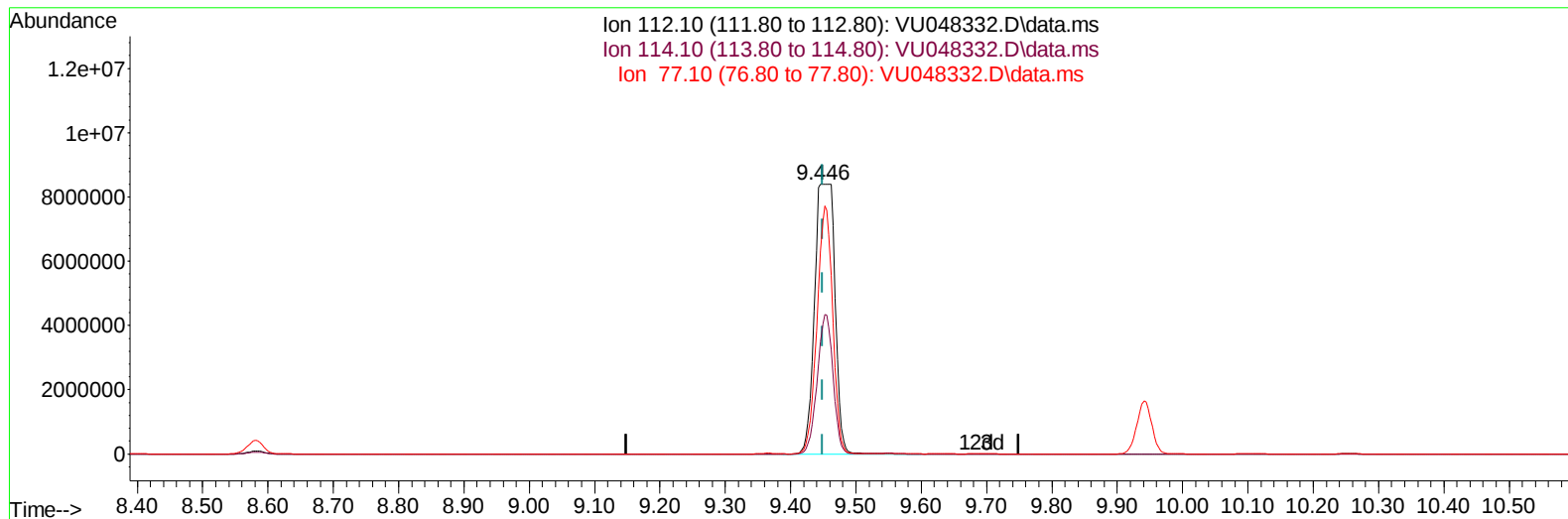
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Instrument :
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TIC: VU048332.D\data.ms

(51) Chlorobenzene (T)

9.446min (-0.003) 1896.54 ug/L m

response 18185564

Ion	Exp%	Act%
112.10	100.00	100.00
114.10	32.40	41.65
77.10	55.40	75.44#
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	401050	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	427957	50.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	281650	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	148021	40.136	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	80.280%	
7) Chloroethane-d5	1.896	69	124832	48.222	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	96.440%	
11) 1,1-Dichloroethene-d2	2.562	63	200022	33.850	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	67.700%	
21) 2-Butanone-d5	4.623	46	315444	100.285	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	100.290%	
24) Chloroform-d	5.063	84	285476	42.676	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	85.360%	
26) 1,2-Dichloroethane-d4	5.703	65	183997	46.359	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	92.720%	
32) Benzene-d6	5.729	84	618416	45.818	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	91.640%	
36) 1,2-Dichloropropane-d6	6.690	67	196502	44.037	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	88.080%	
41) Toluene-d8	7.899	98	584075	47.741	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	95.480%	
43) trans-1,3-Dichloroprop...	8.179	79	90205	45.813	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	91.620%	
47) 2-Hexanone-d5	8.639	63	300594	124.859	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	124.860%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	384897	49.182	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	98.360%	
66) 1,2-Dichlorobenzene-d4	12.195	152	300489	47.427	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	94.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	2352	0.776	ug/L #	85
5) Vinyl chloride	1.607	62	73013	20.889	ug/L	84
8) Chloroethane	1.919	64	8693	4.398	ug/L	86
12) 1,1-Dichloroethene	2.568	96	3484	1.321	ug/L #	1
13) Acetone	2.629	43	39976	19.797	ug/L	99
15) Methyl Acetate	2.964	43	4270	1.065	ug/L #	62
16) Methylene chloride	3.047	84	9216	2.711	ug/L	96
17) trans-1,2-Dichloroethene	3.353	96	8497	3.102	ug/L	93
19) 1,1-Dichloroethane	3.870	63	26853	4.687	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	54212	16.417	ug/L #	97
22) 2-Butanone	4.716	43	8261	2.767	ug/L #	68
27) 1,2-Dichloroethane	5.796	62	1262808	295.946	ug/L	97
29) Cyclohexane	5.385	56	38950	9.633	ug/L	98
30) 1,1,1-Trichloroethane	5.317	97	7674	1.586	ug/L	93
33) Benzene	5.767	78	22826870m	1801.552	ug/L	
34) Trichloroethene	6.546	95	152895	49.230	ug/L	100
37) 1,2-Dichloropropane	6.790	63	60637	16.820	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	28273	5.200	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.970	91	5403935	406.223	ug/L	100
48) 2-Hexanone	8.690	43	30192	6.649	ug/L #	92
50) 1,2-Dibromoethane	8.925	107	16791	4.378	ug/L	96
51) Chlorobenzene	9.446	112	18185564m	1896.542	ug/L	
52) Ethylbenzene	9.571	91	113949	8.271	ug/L	98
53) m,p-Xylene	9.693	106	99542	18.309	ug/L	99
54) o-Xylene	10.102	106	67989	12.414	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	25021	3.015	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	61273	4.802	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	30974	3.436	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	189409	20.365	ug/L	97

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

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