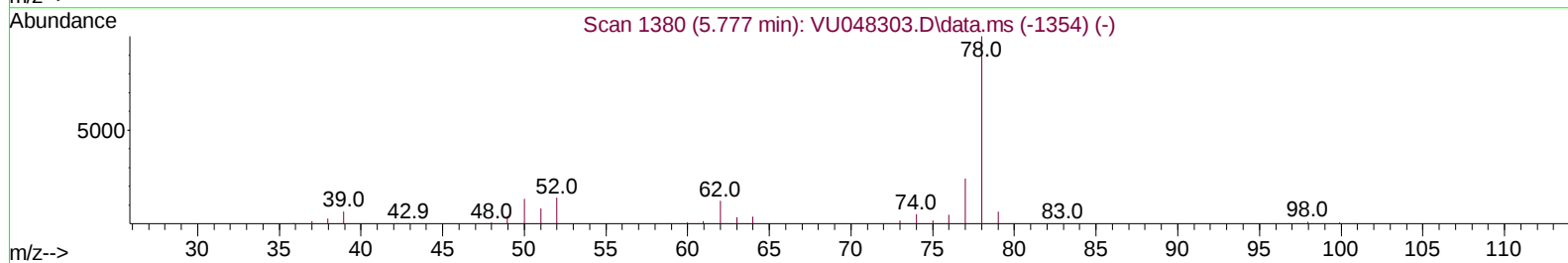
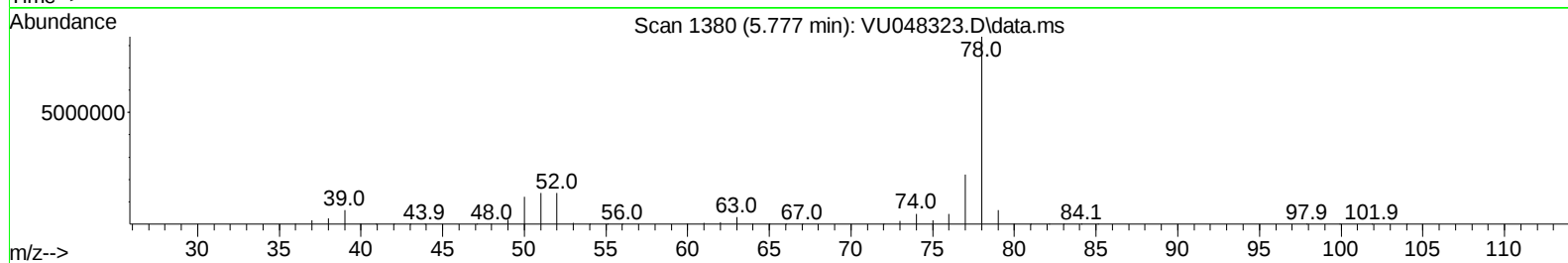
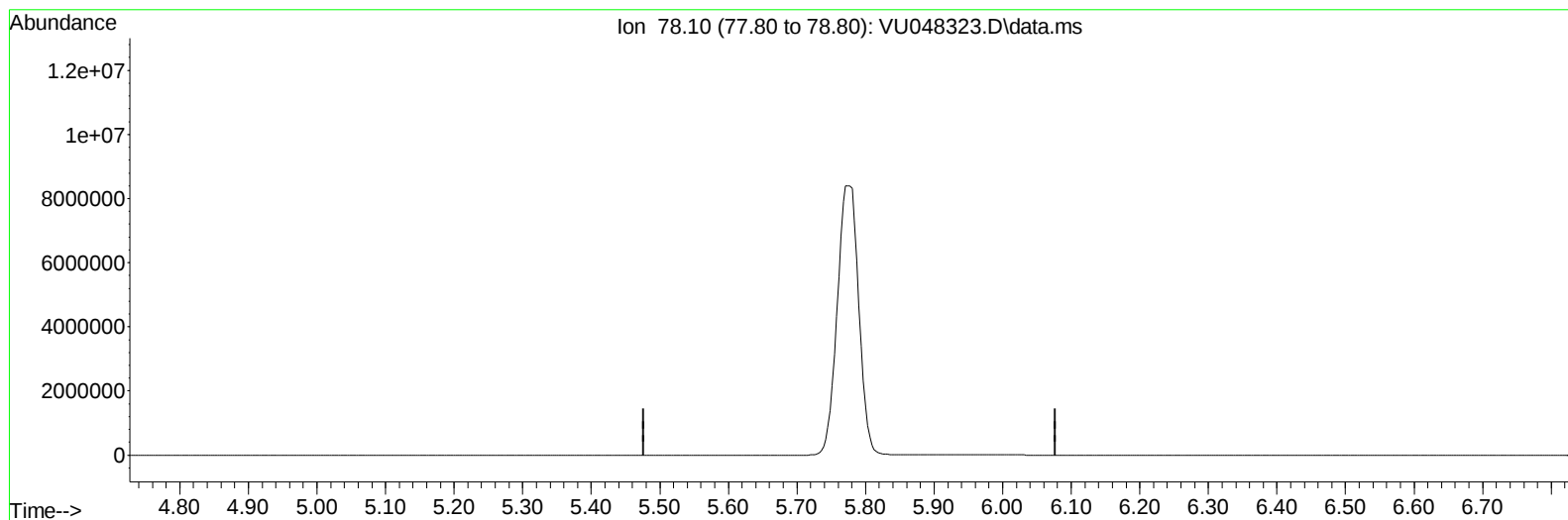


Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042722\
Data File : VU048323.D
Acq On : 27 Apr 2022 18:33
Operator : SY/MD
Sample : N2587-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 28 04:40:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 28 04:33:44 2022
Response via : Initial Calibration



TIC: VU048323.D\data.ms

(33) Benzene (T)

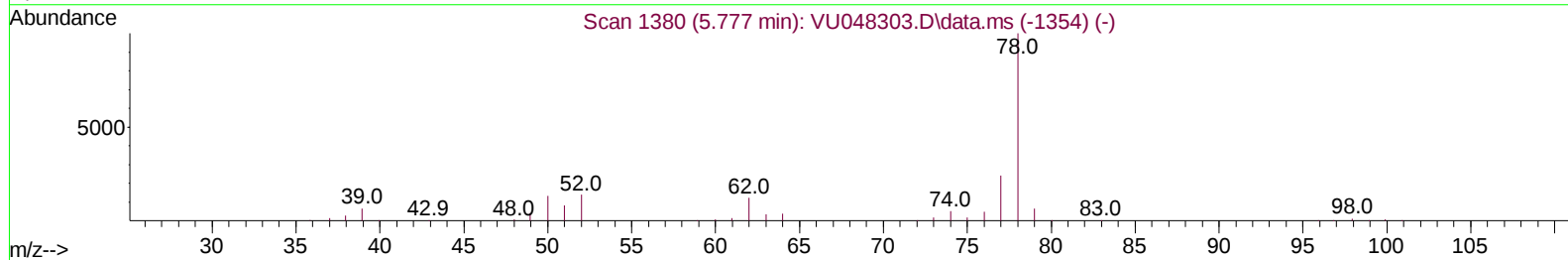
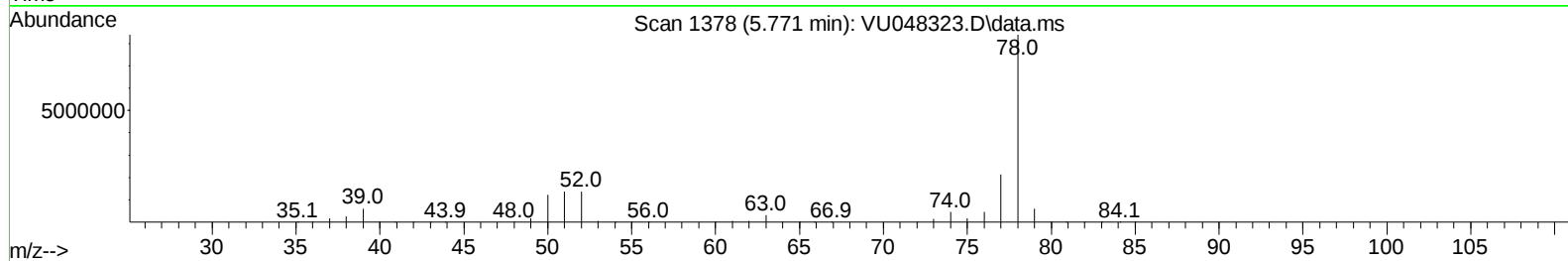
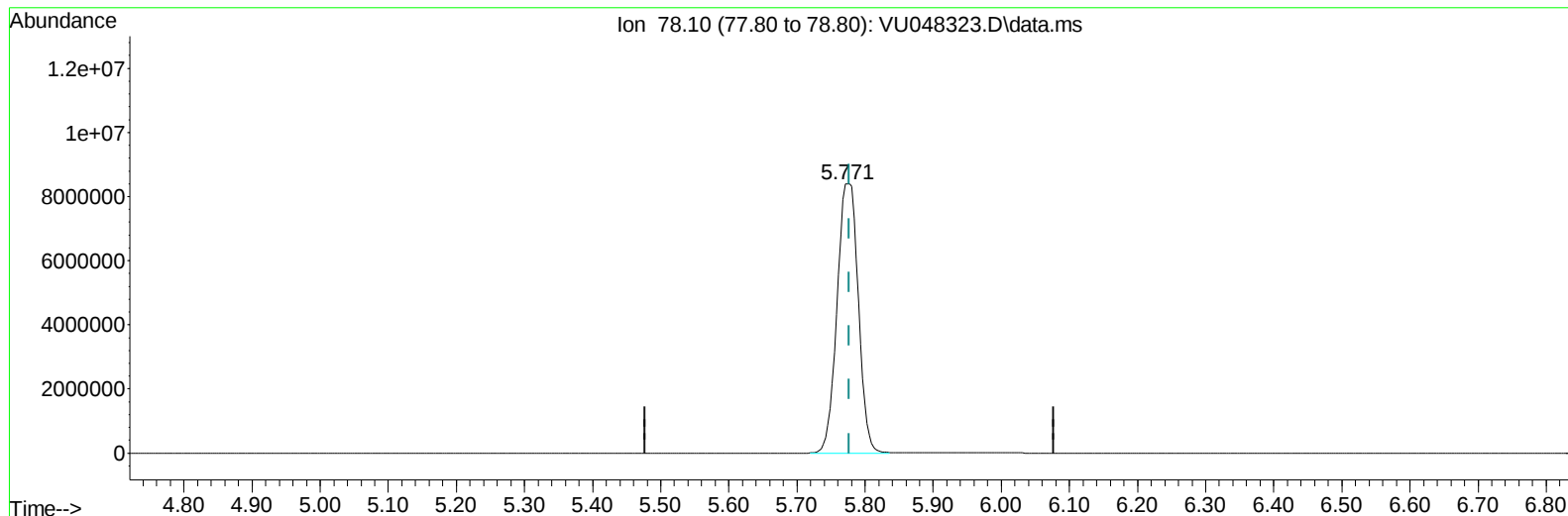
5.777min (-5.777) 0.00 ug/L

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_U\Data\VU042722\
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ALS Vial : 23 Sample Multiplier: 1

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 28 04:33:44 2022
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TIC: VU048323.D\data.ms

(33) Benzene (T)

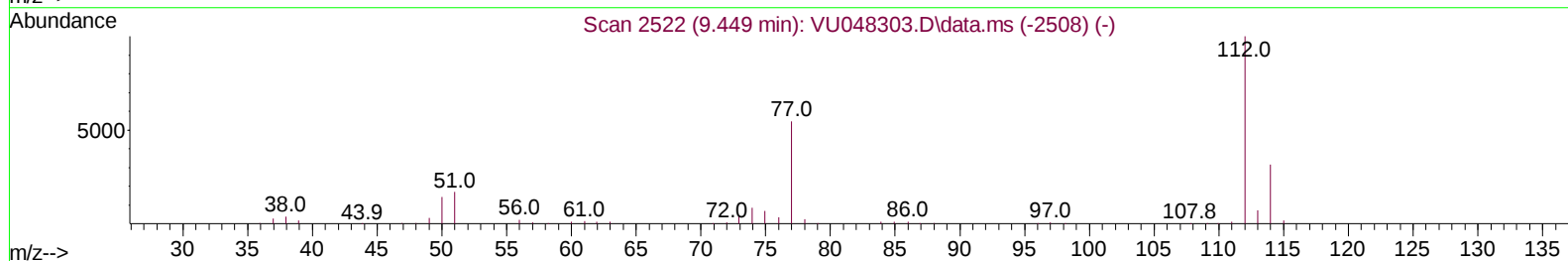
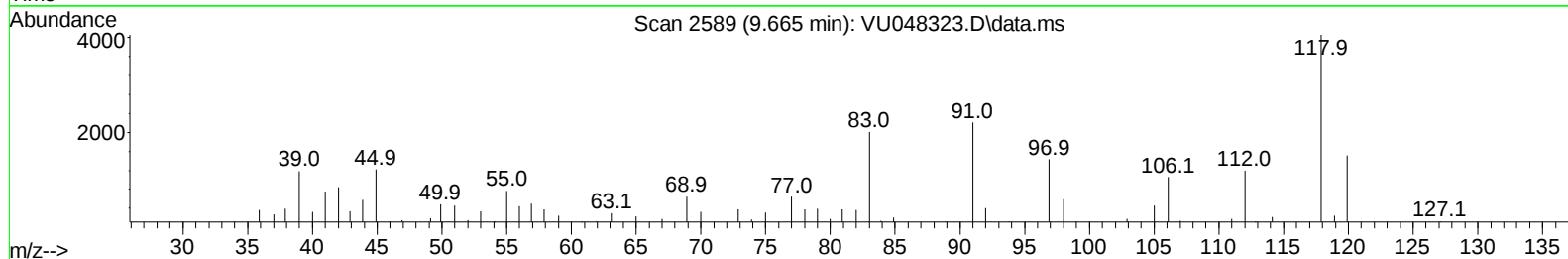
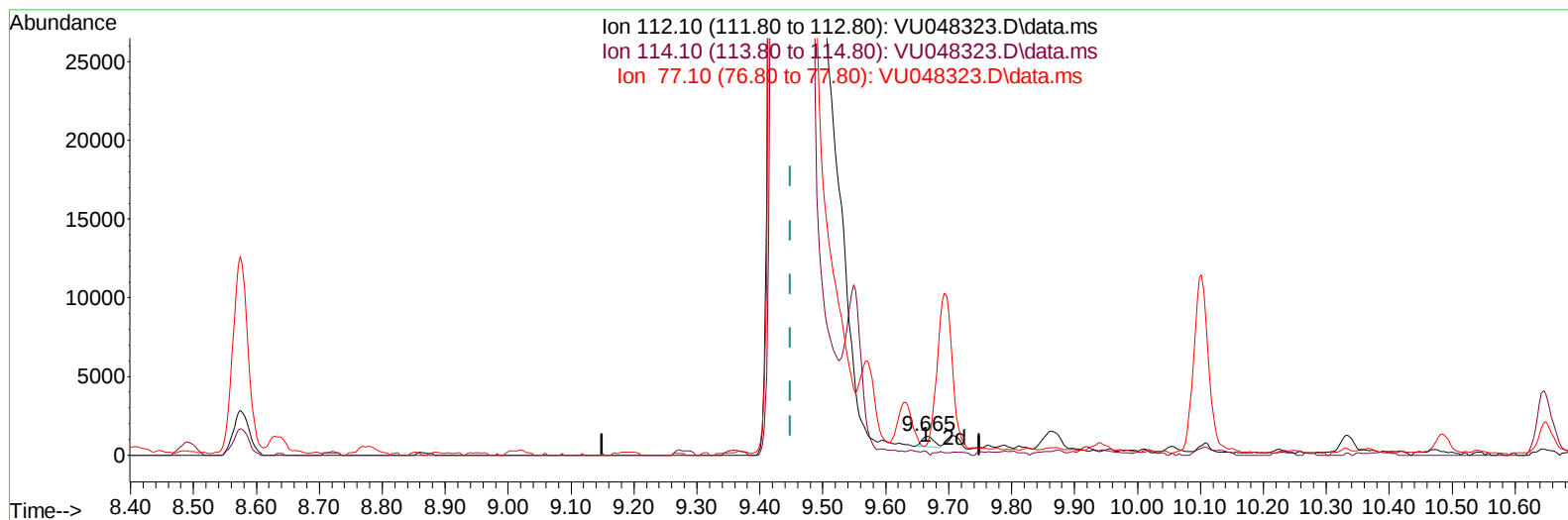
5.771min (-0.006) 1448.81 ug/L m

response 18173624

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_U\Data\VU042722\
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ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 28 04:40:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 28 04:33:44 2022
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TIC: VU048323.D\data.ms

(51) Chlorobenzene (T)

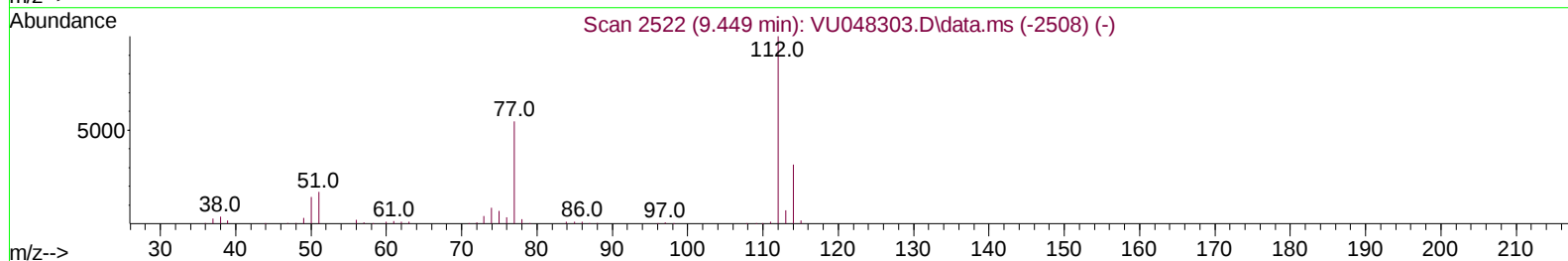
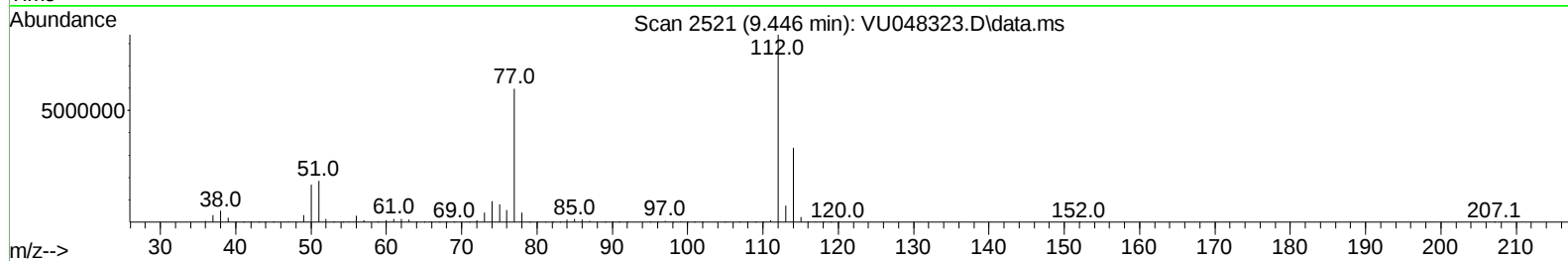
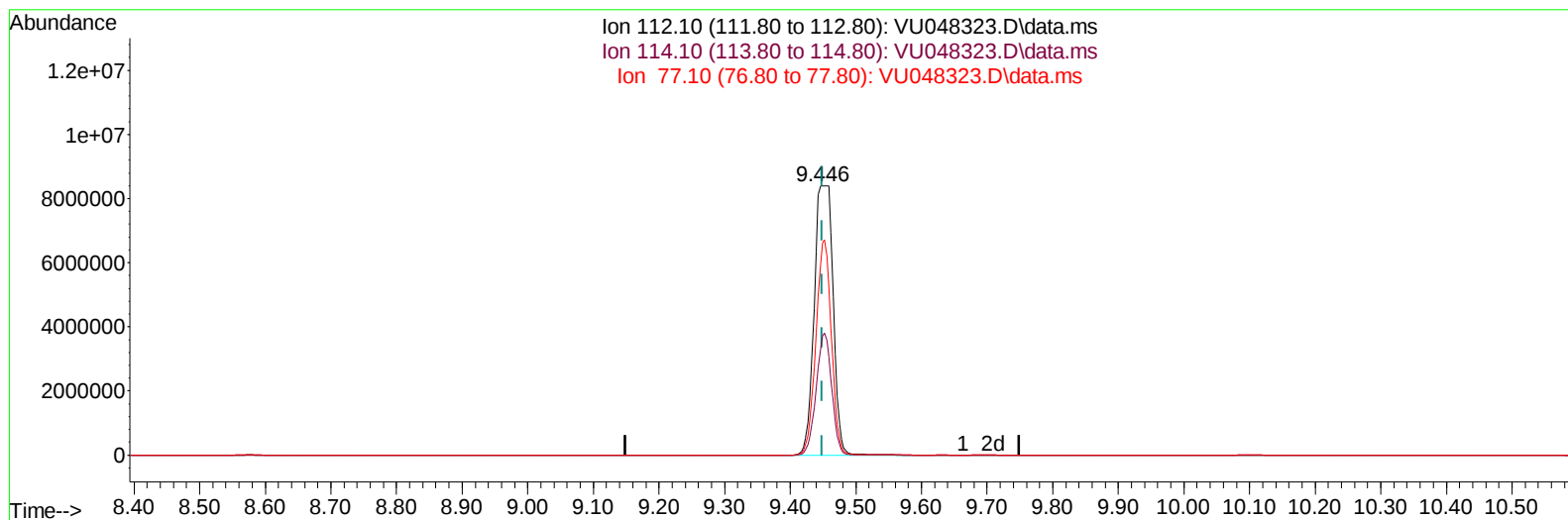
9.665min (+ 0.216) 0.09 ug/L

response 866

Ion	Exp%	Act%
112.10	100.00	100.00
114.10	32.40	16.09#
77.10	55.40	49.05
0.00	0.00	0.00

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
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Response via : Initial Calibration



TIC: VU048323.D\data.ms

(51) Chlorobenzene (T)

9.446min (-0.003) 1768.20 ug/L m

response 16785193

Ion	Exp%	Act%
112.10	100.00	100.00
114.10	32.40	39.50
77.10	55.40	71.21#
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	6.247	114	399846	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	423674	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	249691	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	160150	43.556	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	87.120%	
7) Chloroethane-d5	1.887	69	125319	48.556	ug/L	-0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	=	97.120%	
11) 1,1-Dichloroethene-d2	2.559	63	210720	35.767	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	71.540%	
21) 2-Butanone-d5	4.620	46	302720	96.530	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	96.530%	
24) Chloroform-d	5.060	84	298054	44.691	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.380%	
26) 1,2-Dichloroethane-d4	5.700	65	189012	47.766	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	95.540%	
32) Benzene-d6	5.726	84	650716	48.699	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	97.400%	
36) 1,2-Dichloropropane-d6	6.690	67	206997	46.858	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	93.720%	
41) Toluene-d8	7.896	98	605829	50.019	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.040%	
43) trans-1,3-Dichloroprop...	8.179	79	99022	50.800	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	101.600%	
47) 2-Hexanone-d5	8.636	63	278049	116.662	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	116.660%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	363176	46.876	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	93.760%	
66) 1,2-Dichlorobenzene-d4	12.195	152	277199	49.351	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	98.700%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	1882	0.623	ug/L	90
5) Vinyl chloride	1.604	62	108787	31.217	ug/L #	64
12) 1,1-Dichloroethene	2.568	96	5353	2.036	ug/L #	1
13) Acetone	2.626	43	11339	5.632	ug/L	98
14) Carbon disulfide	2.787	76	6499	1.014	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	6596	2.415	ug/L	97
19) 1,1-Dichloroethane	3.867	63	37335	6.537	ug/L	96
20) cis-1,2-Dichloroethene	4.665	96	6613	2.009	ug/L	96
22) 2-Butanone	4.716	43	5681	1.908	ug/L	96
29) Cyclohexane	5.391	56	17799	4.446	ug/L	99
33) Benzene	5.771	78	18173624m	1448.806	ug/L	
34) Trichloroethene	6.539	95	13080	4.254	ug/L	96
35) Methylcyclohexane	6.761	83	13500	3.127	ug/L #	57
40) 4-Methyl-2-pentanone	7.796	43	7456	1.385	ug/L #	86
42) Toluene	7.970	91	952439	72.320	ug/L	99
51) Chlorobenzene	9.446	112	16785193m	1768.196	ug/L	
52) Ethylbenzene	9.571	91	99056	7.263	ug/L	100
53) m,p-Xylene	9.693	106	64942	12.066	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.102	106	69247	12.771	ug/L	94
62) 1,3,5-Trimethylbenzene	11.089	105	11974	1.627	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	42881	3.790	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	6351	0.811	ug/L	93
65) 1,4-Dichlorobenzene	11.838	146	38166	4.776	ug/L	96
67) 1,2-Dichlorobenzene	12.214	146	144453	17.519	ug/L	98

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

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