

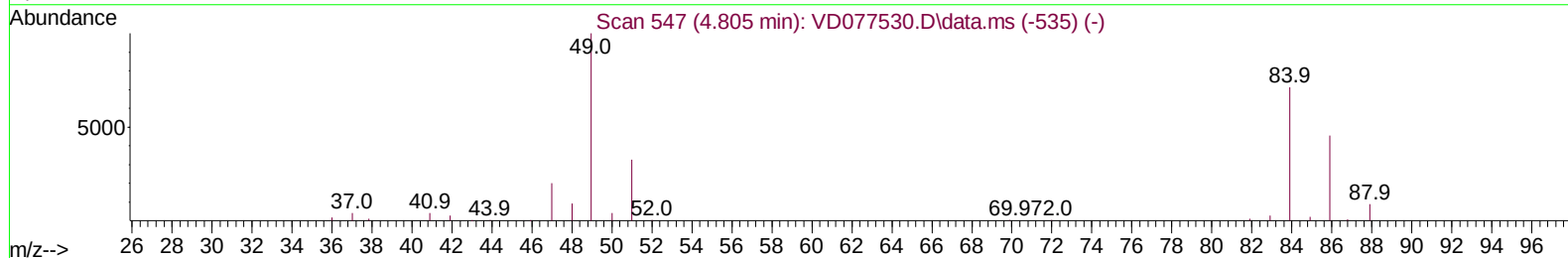
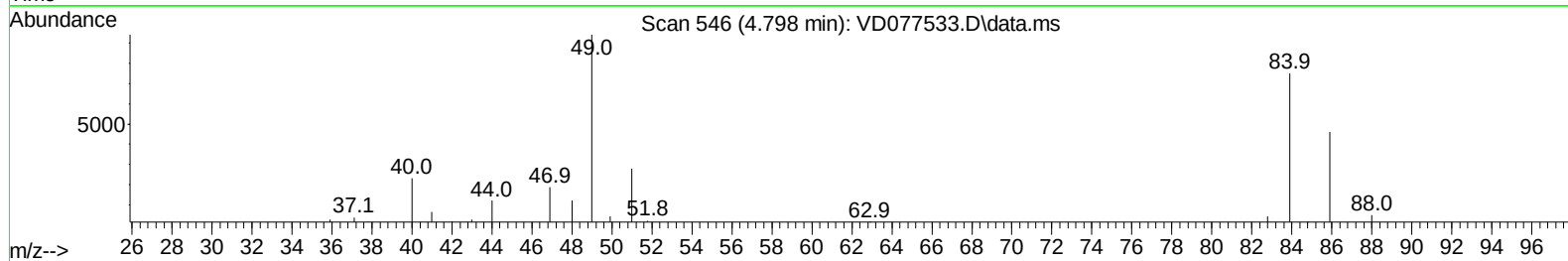
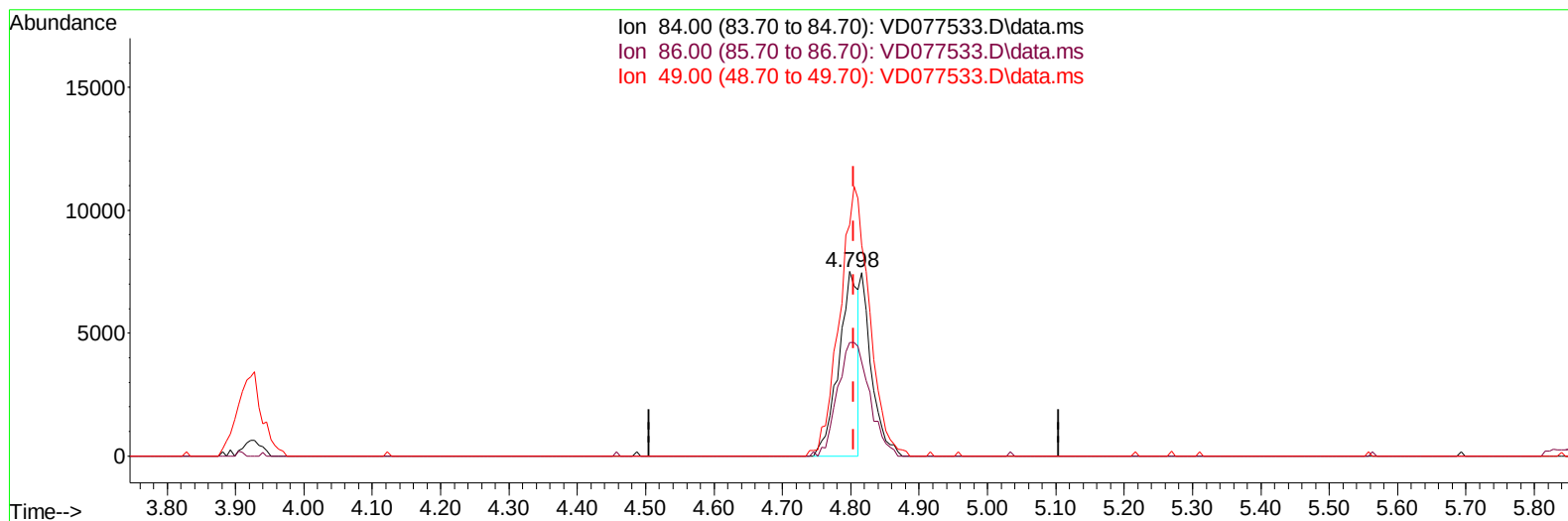
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110923\
Data File : VD077533.D
Acq On : 09 Nov 2023 13:57
Operator : JC/SY
Sample : 05296-02
Misc : 4.59G/10ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BH3R2

Manual IntegrationsAPPROVED

Quant Time: Nov 10 02:09:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 11/10/2023
Supervised By :Semsettin Yesilyurt 11/10/2023



TIC: VD077533.D\data.ms

(16) Methylene chloride (T)

4.798min (-0.006) 1.28 ug/L

response 14725

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	66.50	61.42
49.00	140.50	125.39
0.00	0.00	0.00

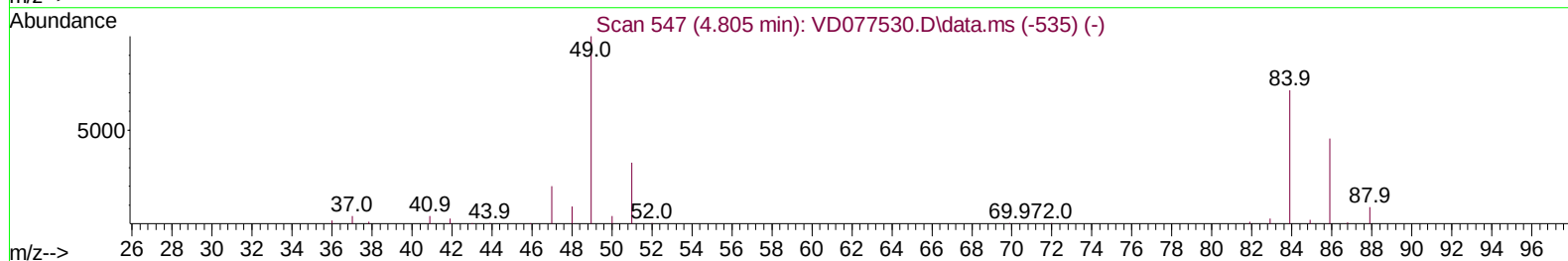
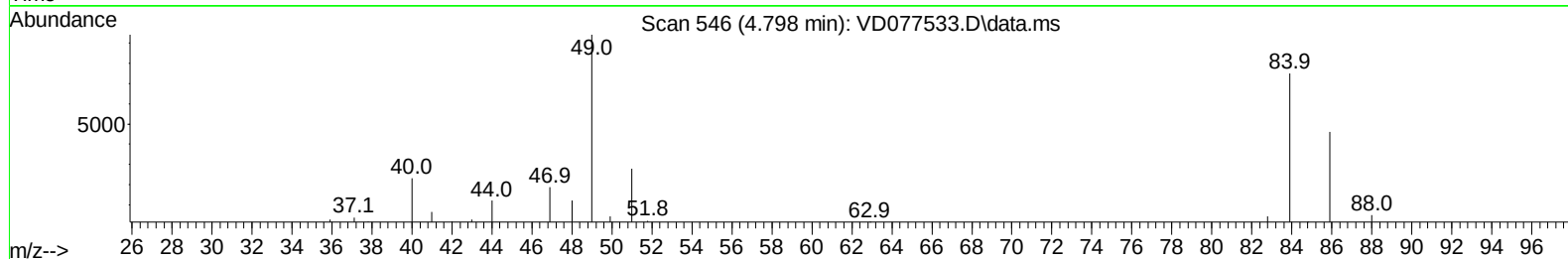
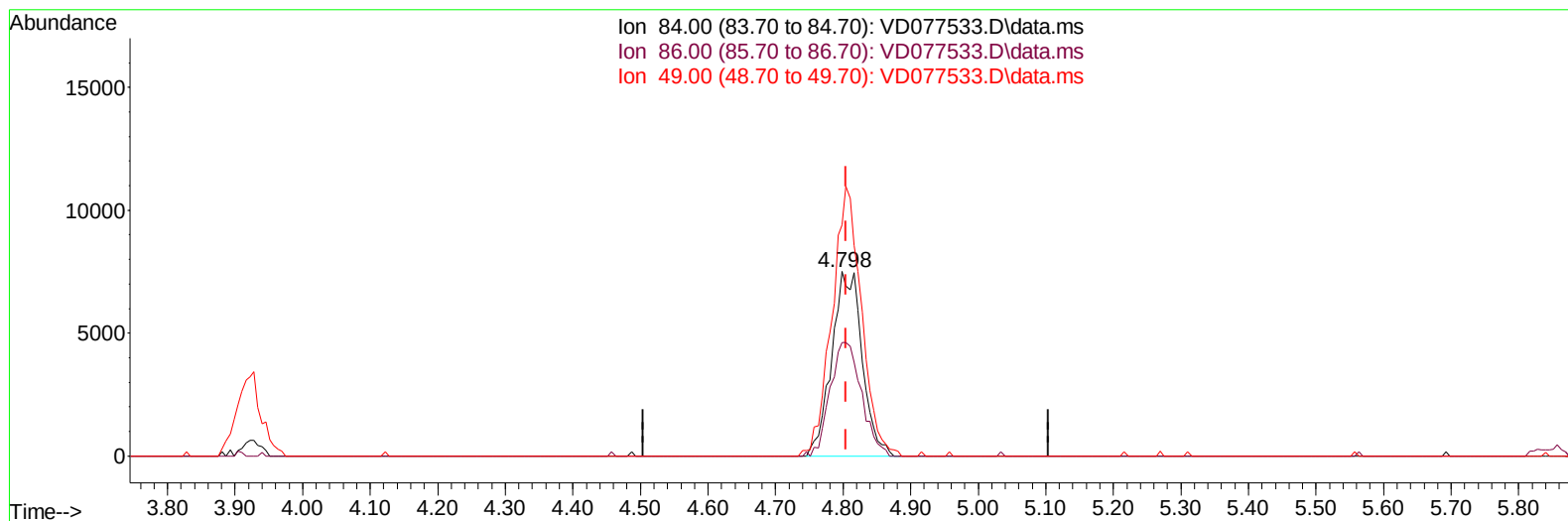
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QLast Update : Fri Nov 10 02:07:44 2023
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TIC: VD077533.D\data.ms

(16) Methylene chloride (T)

4.798min (-0.006) 2.04 ug/L m

response 23370

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	66.50	61.42
49.00	140.50	125.39
0.00	0.00	0.00

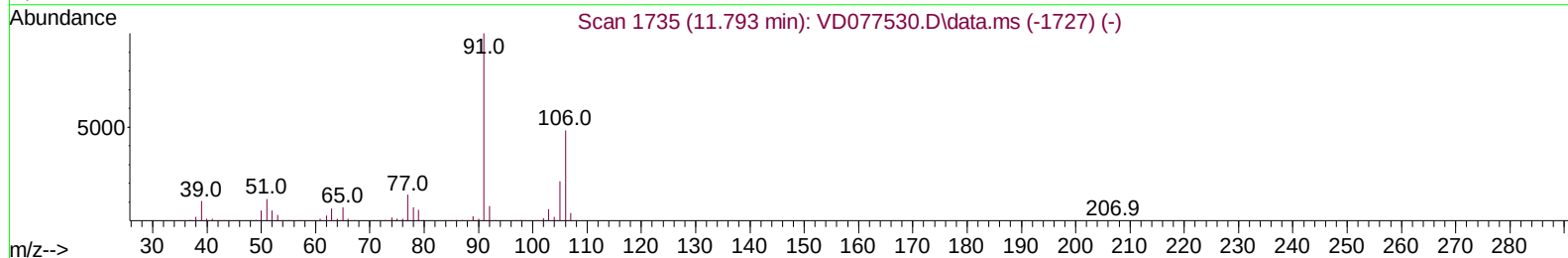
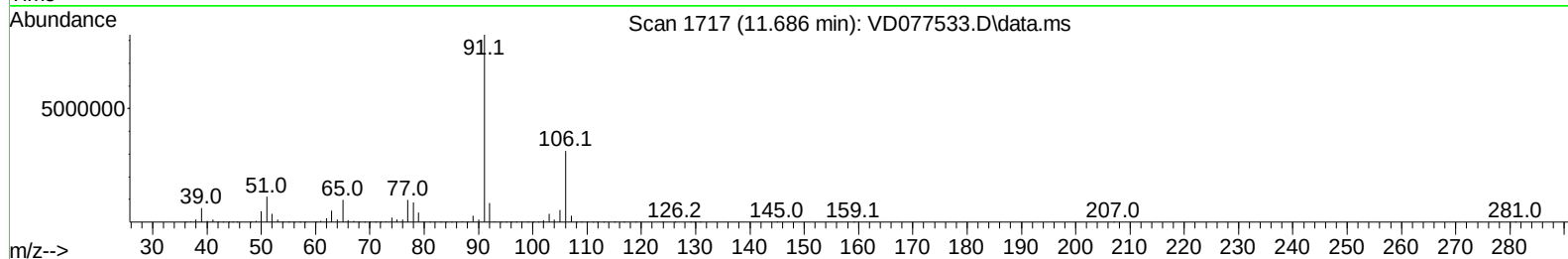
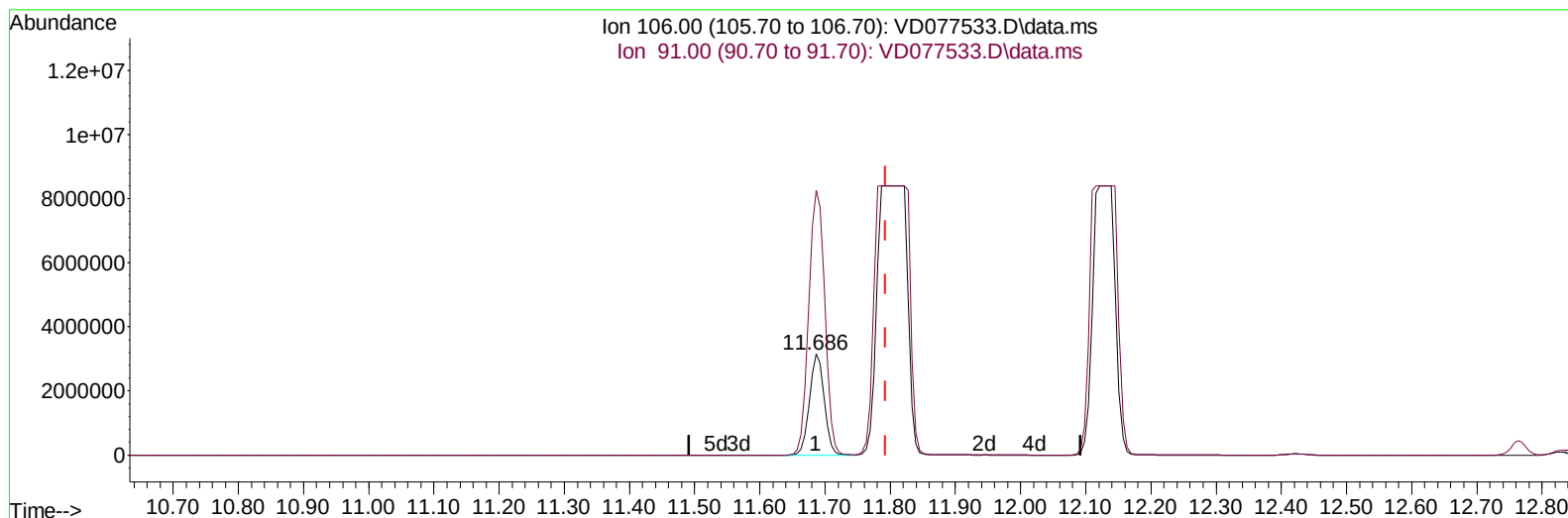
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TIC: VD077533.D\data.ms

(53) m,p-Xylene (T)

11.686min (-0.106) 300.11 ug/L

response 4960597

Ion	Exp%	Act%
106.00	100.00	100.00
91.00	209.50	262.45
0.00	0.00	0.00
0.00	0.00	0.00

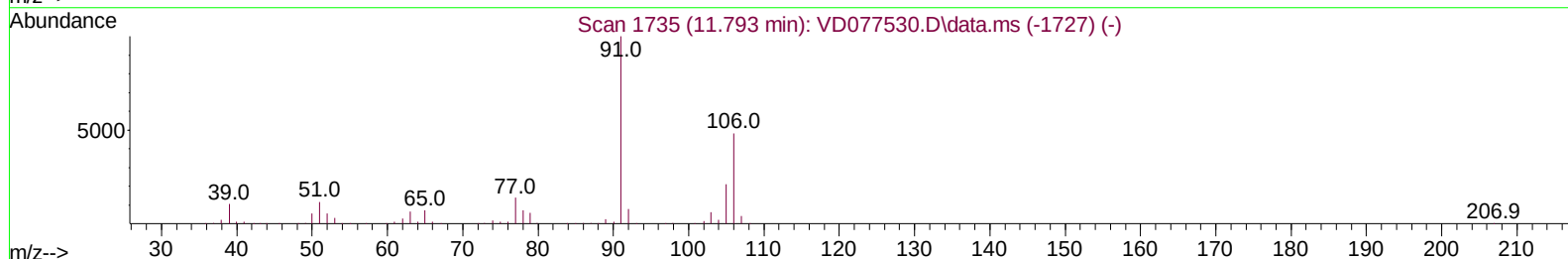
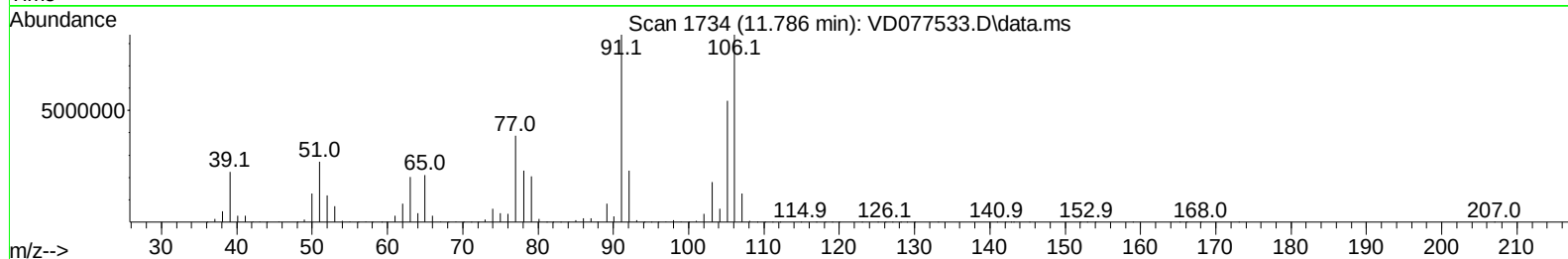
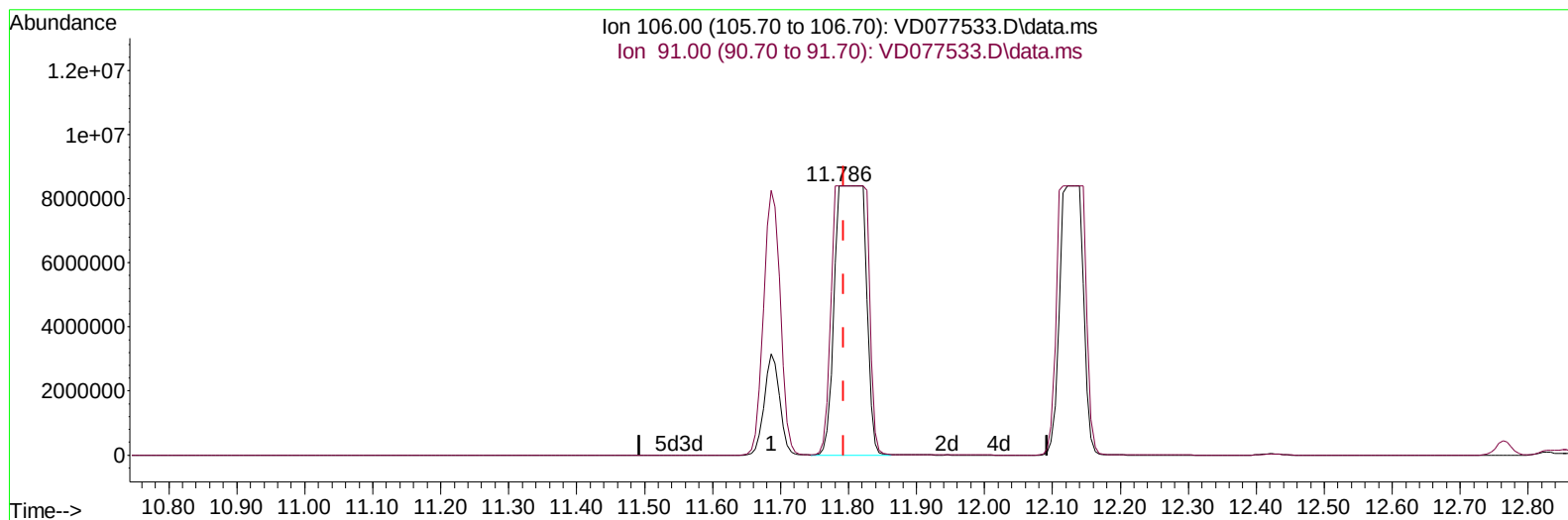
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TIC: VD077533.D\data.ms

(53) m,p-Xylene (T)

11.786min (-0.006) 1602.38 ug/L m

response 26486178

Ion	Exp%	Act%
106.00	100.00	100.00
91.00	209.50	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

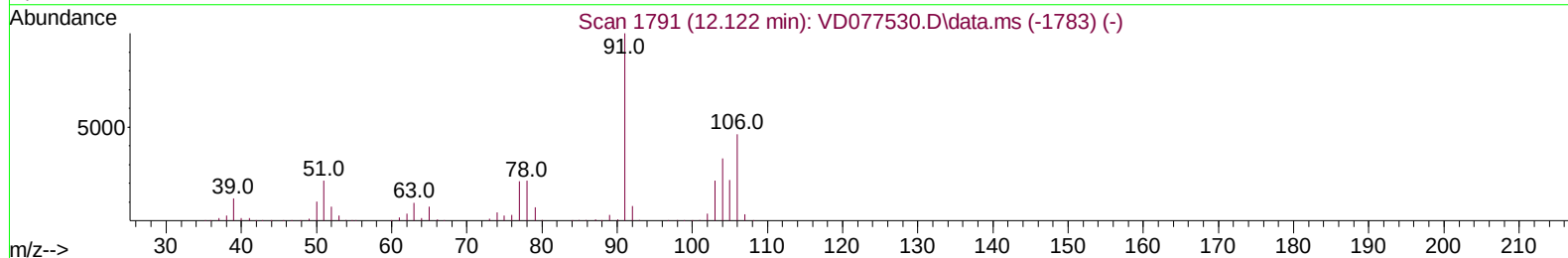
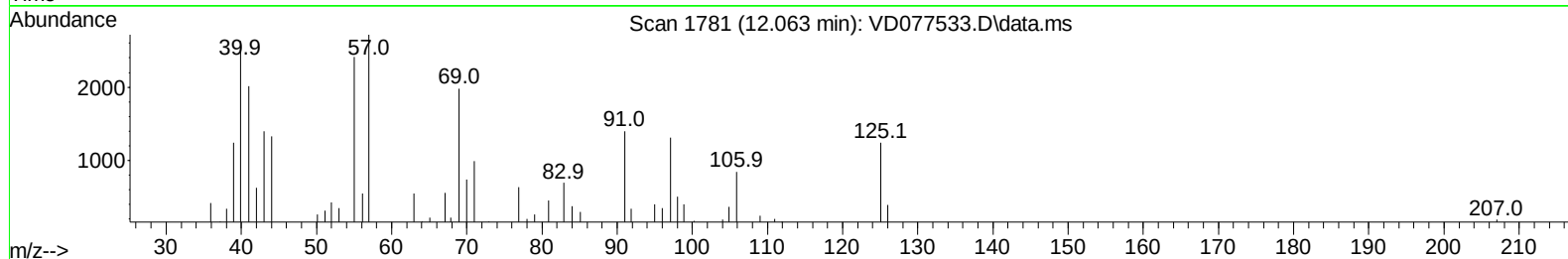
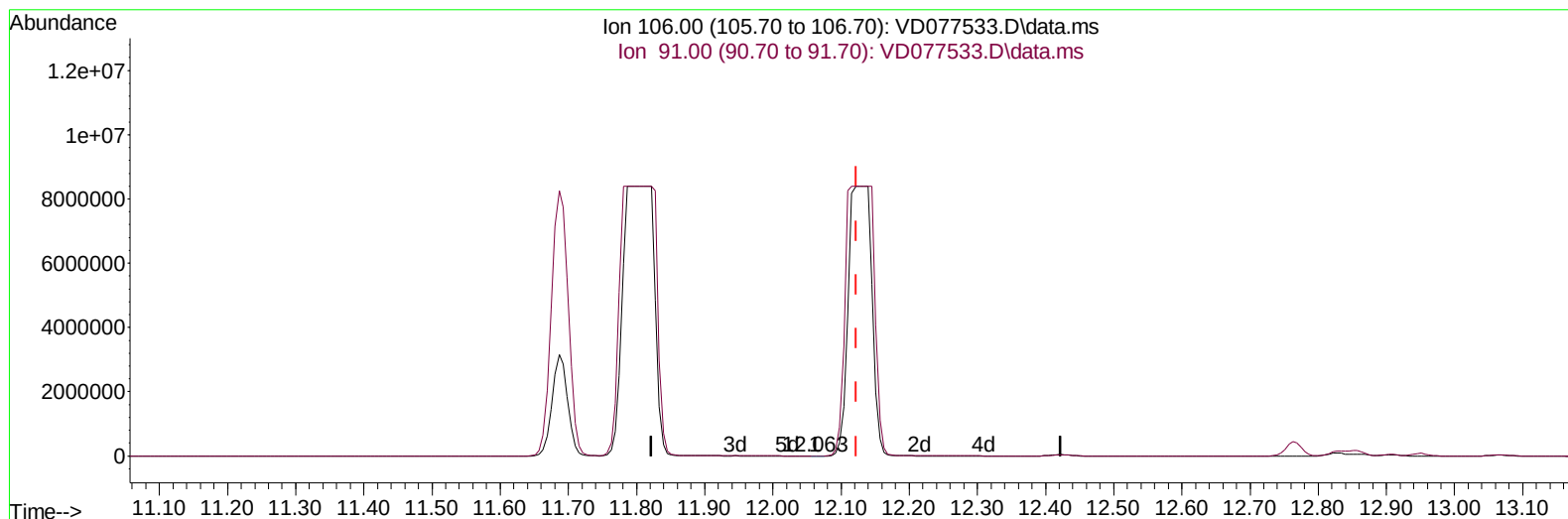
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TIC: VD077533.D\data.ms

(54) o-Xylene (T)

12.063min (-0.059) 0.01 ug/L

response 221

Ion	Exp%	Act%
106.00	100.00	100.00
91.00	226.50	165.29
0.00	0.00	0.00
0.00	0.00	0.00

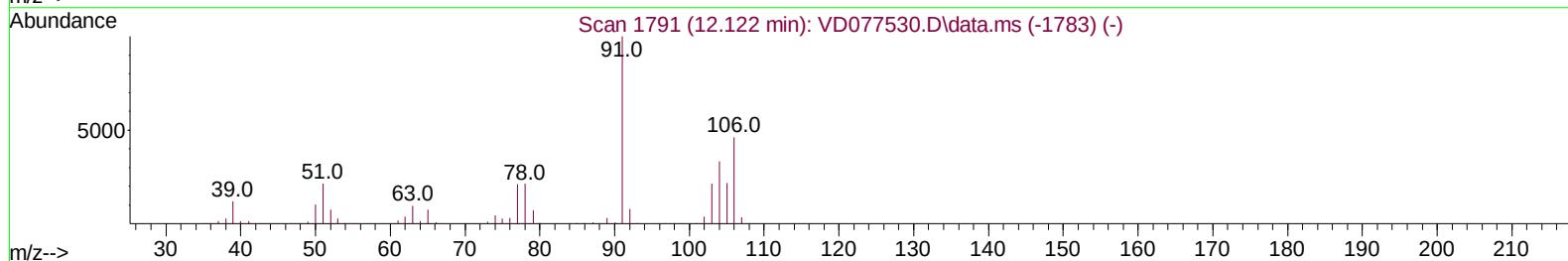
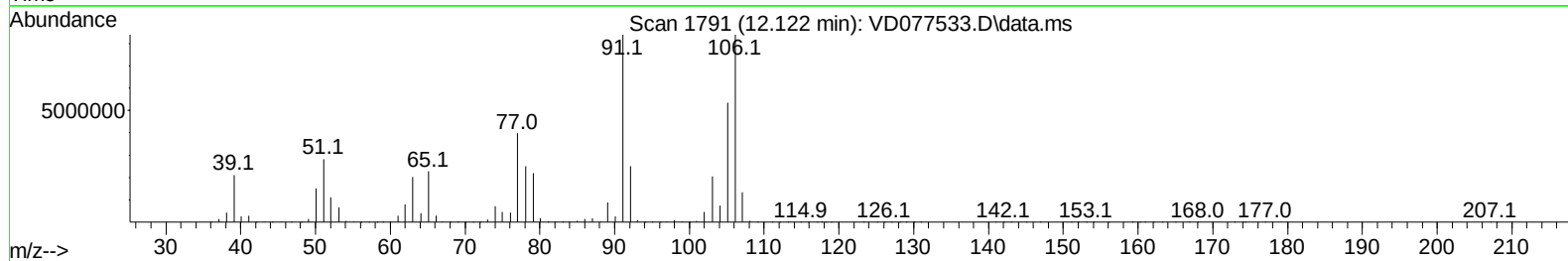
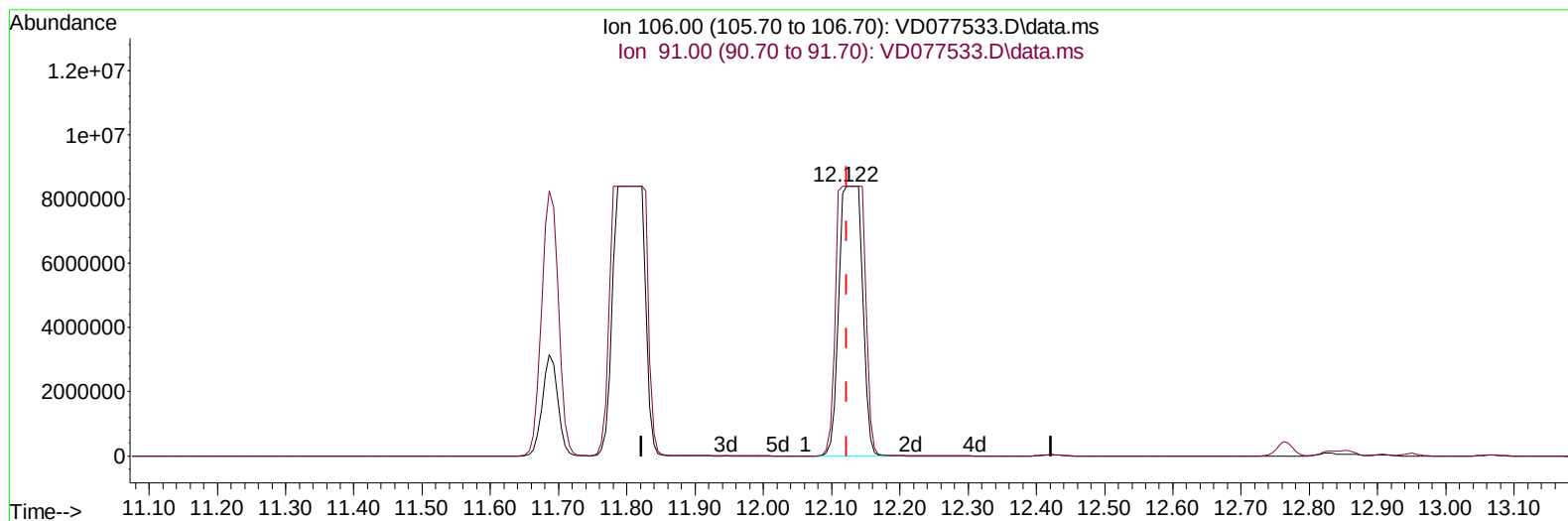
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 Operator : JC/SY
 Sample : 05296-02
 Misc : 4.59G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Mahesh Dadoda 11/10/2023
 Supervised By :Semsettin Yesilyurt 11/10/2023



TIC: VD077533.D\data.ms

(54) o-Xylene (T)

12.122min (-0.000) 1252.80 ug/L m

response 19832997

Ion	Exp%	Act%
106.00	100.00	100.00
91.00	226.50	100.00#
0.00	0.00	0.00
0.00	0.00	0.00

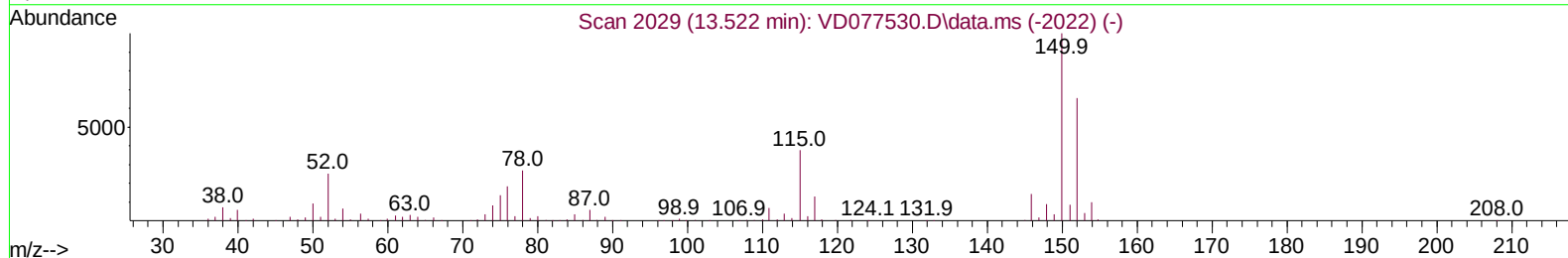
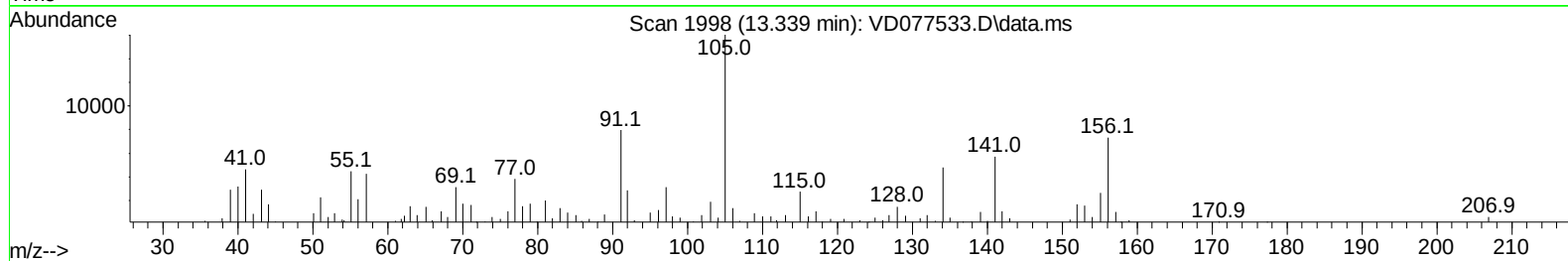
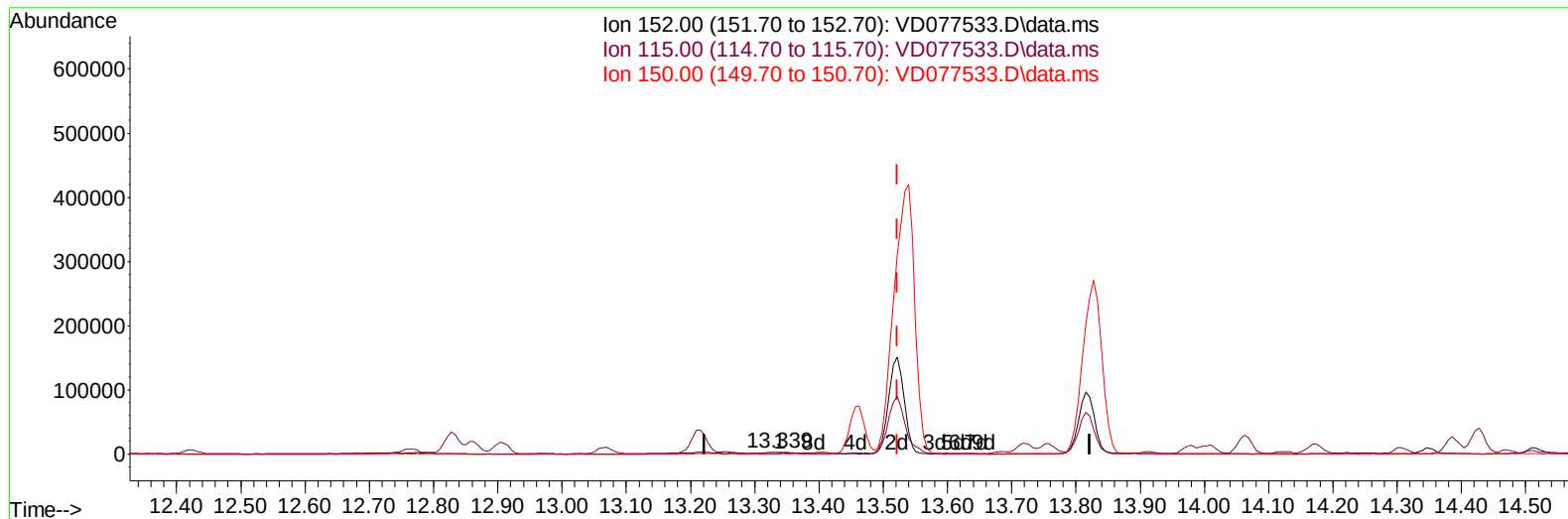
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Instrument :
MSVOA_D
ClientSampleId :
BH3R2

Manual IntegrationsAPPROVED

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TIC: VD077533.D\data.ms

(58) 1,4-Dichlorobenzene-d4 (I)

13.339min (-0.183) 25.00 ug/L

response 345

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	58.80	64.35
150.00	169.50	33.04
0.00	0.00	0.00

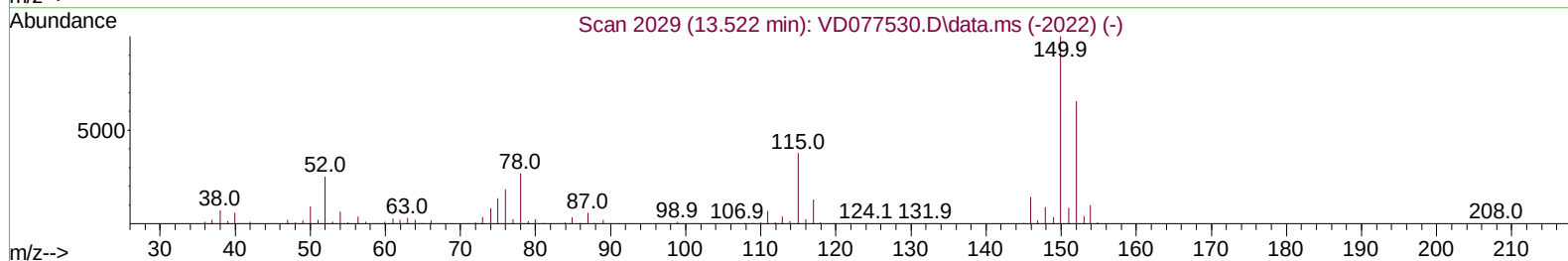
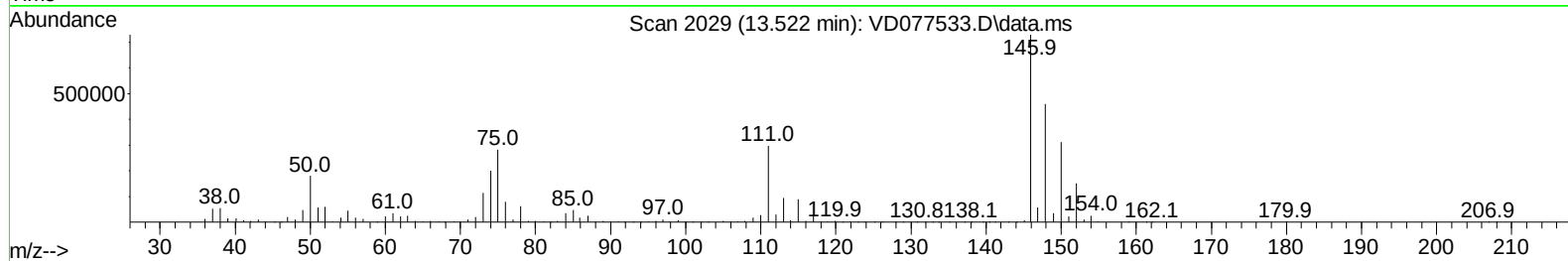
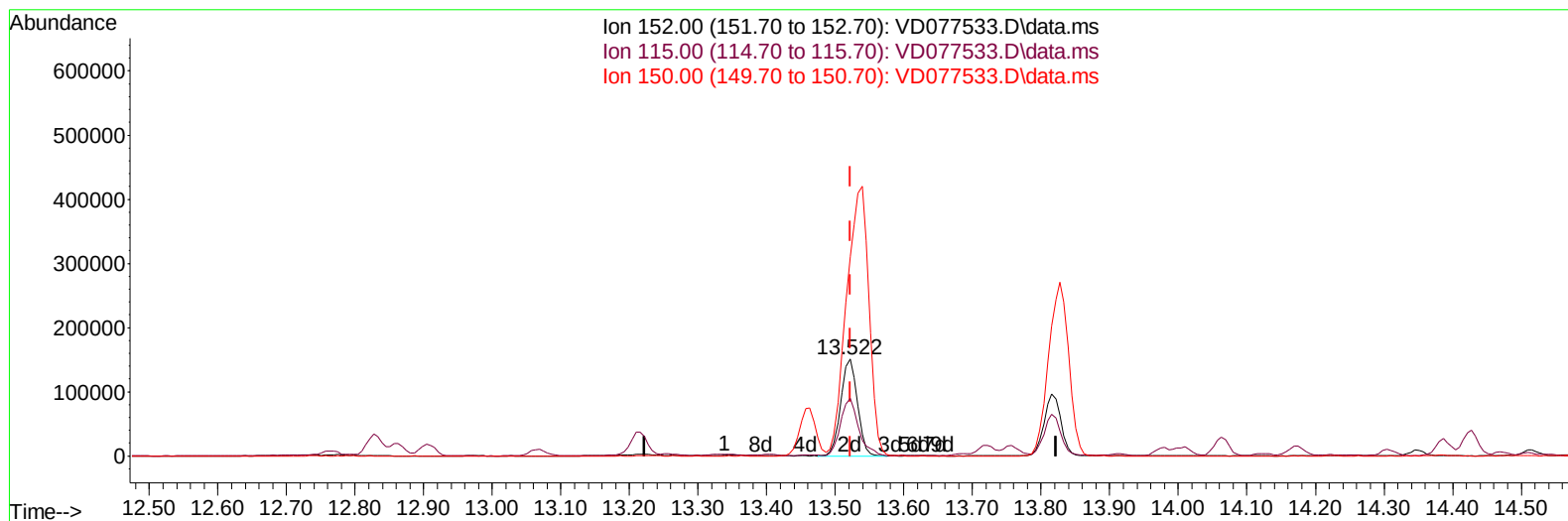
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 Acq On : 09 Nov 2023 13:57
 Operator : JC/SY
 Sample : 05296-02
 Misc : 4.59G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BH3R2

Manual IntegrationsAPPROVED

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TIC: VD077533.D\data.ms

(58) 1,4-Dichlorobenzene-d4 (I)

13.522min (-0.000) 25.00 ug/L m

response 254593

Ion	Exp%	Act%
152.00	100.00	100.00
115.00	58.80	0.09
150.00	169.50	0.04
0.00	0.00	0.00

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	679602	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.586	117	567005	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	254593m	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	286700	16.584	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	66.320%	
7) Chloroethane-d5	2.804	69	223441	16.452	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	65.800%	
11) 1,1-Dichloroethene-d2	3.922	65	89743	16.788	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	67.160%	
21) 2-Butanone-d5	6.987	46	101409	33.880	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	67.760%	
24) Chloroform-d	7.569	84	341453	17.393	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	69.560%	
26) 1,2-Dichloroethane-d4	8.234	65	182561	17.482	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	69.920%#	
32) Benzene-d6	8.204	84	718232	19.517	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	78.080%	
36) 1,2-Dichloropropane-d6	9.210	67	231011	19.272	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	77.080%	
41) Toluene-d8	10.269	98	637184	19.161	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	76.640%	
43) trans-1,3-Dichloroprop...	10.528	79	96617	18.694	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	74.760%	
47) 2-Hexanone-d5	10.881	63	80228	37.414	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	74.820%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	143357	18.050	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	72.200%	
66) 1,2-Dichlorobenzene-d4	13.816	152	164563	18.169	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	72.680%#	
Target Compounds						
					Qvalue	
13) Acetone	4.028	43	35401	11.252	ug/L	99
16) Methylene chloride	4.798	84	23370m	2.037	ug/L	
20) cis-1,2-Dichloroethene	7.081	96	2997827	271.420	ug/L	98
33) Benzene	8.257	78	28543	0.726	ug/L	100
34) Trichloroethene	9.028	95	935450	96.012	ug/L	91
35) Methylcyclohexane	9.269	83	7334	0.417	ug/L #	39
42) Toluene	10.333	91	784864	19.012	ug/L	98
46) Tetrachloroethene	10.816	164	12193698	1700.935	ug/L	95
51) Chlorobenzene	11.610	112	3139767	129.822	ug/L	99
52) Ethylbenzene	11.686	91	14278777	314.347	ug/L	88
53) m,p-Xylene	11.786	106	26486178m	1602.379	ug/L	
54) o-Xylene	12.122	106	19832997m	1252.797	ug/L	
60) Isopropylbenzene	12.422	105	777085	18.870	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	714362	22.856	ug/L	97
63) 1,2,4-Trimethylbenzene	13.216	105	1341719	42.379	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	1188921	70.373	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	5269867	309.082	ug/L	95
67) 1,2-Dichlorobenzene	13.833	146	2882788	193.002	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,4-trichlorobenzene	15.098	180	17079874	1761.699	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.527	180	7009594	847.939	ug/L	100

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

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