

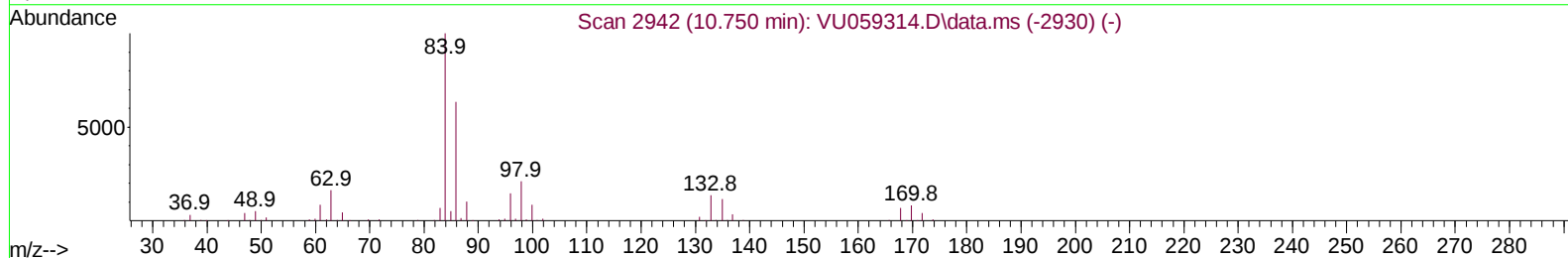
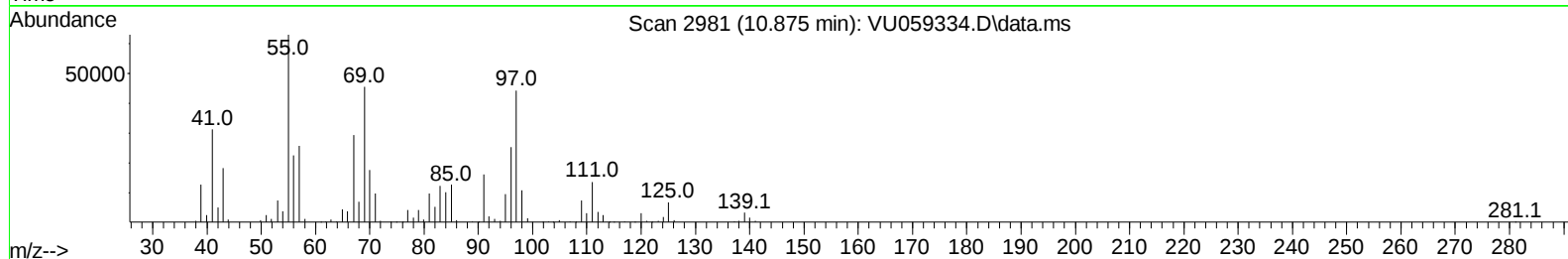
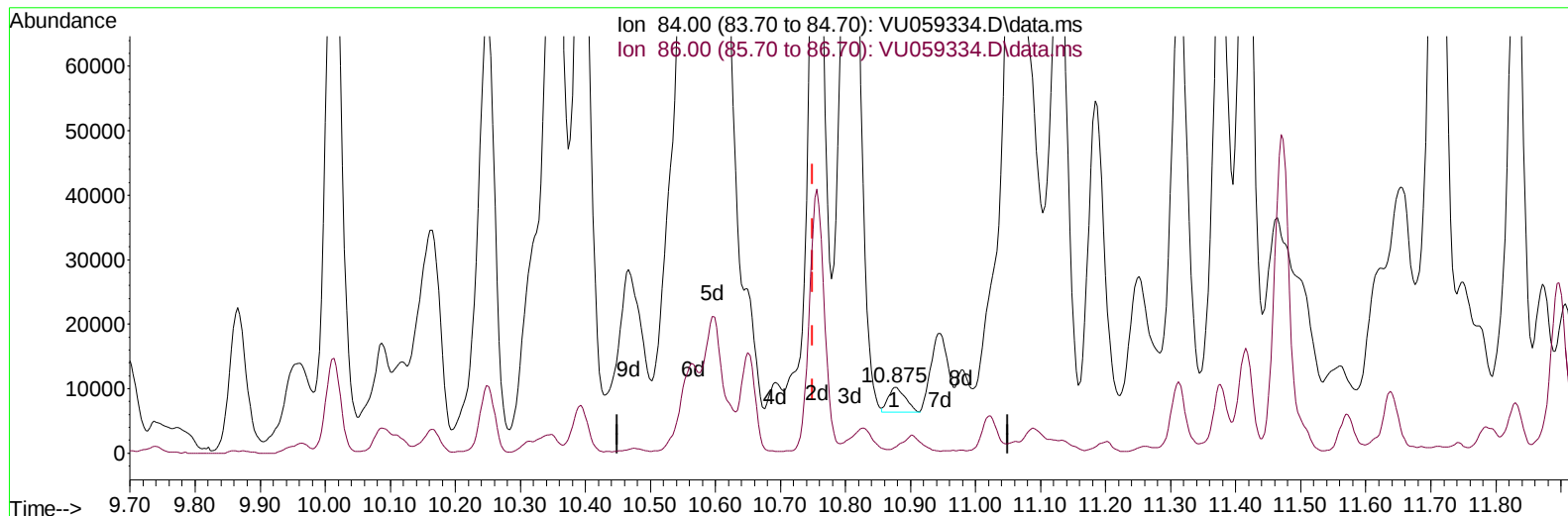
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
Data File : VU059334.D
Acq On : 19 Jun 2024 00:11
Operator : MD/SY
Sample : P2856-07
Misc : 2.80g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0SG9

Manual IntegrationsAPPROVED

Quant Time: Jun 19 05:41:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 05:32:50 2024
Response via : Initial Calibration

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



TIC: VU059334.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)

10.875min (+ 0.125) 2.85 ug/L

response 6824

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	62.80	72.08
0.00	0.00	0.00
0.00	0.00	0.00

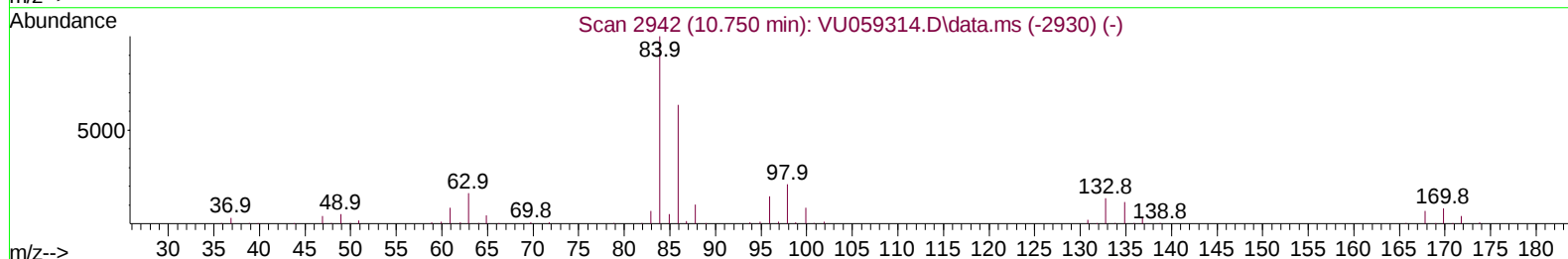
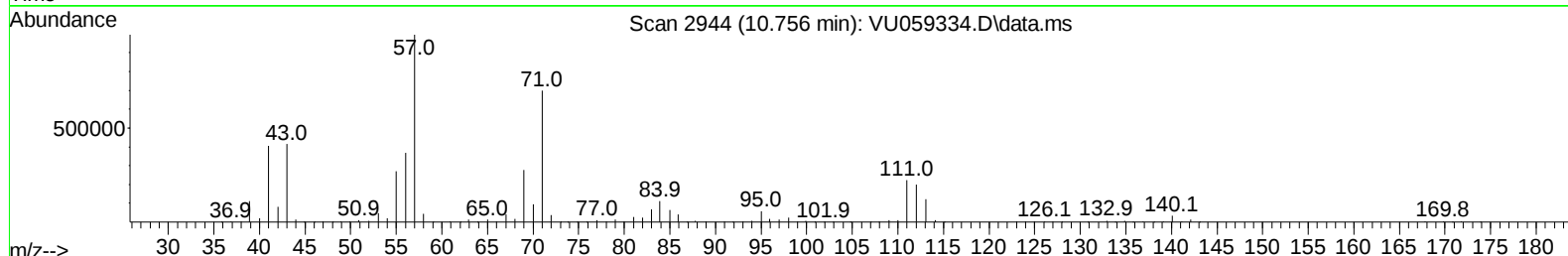
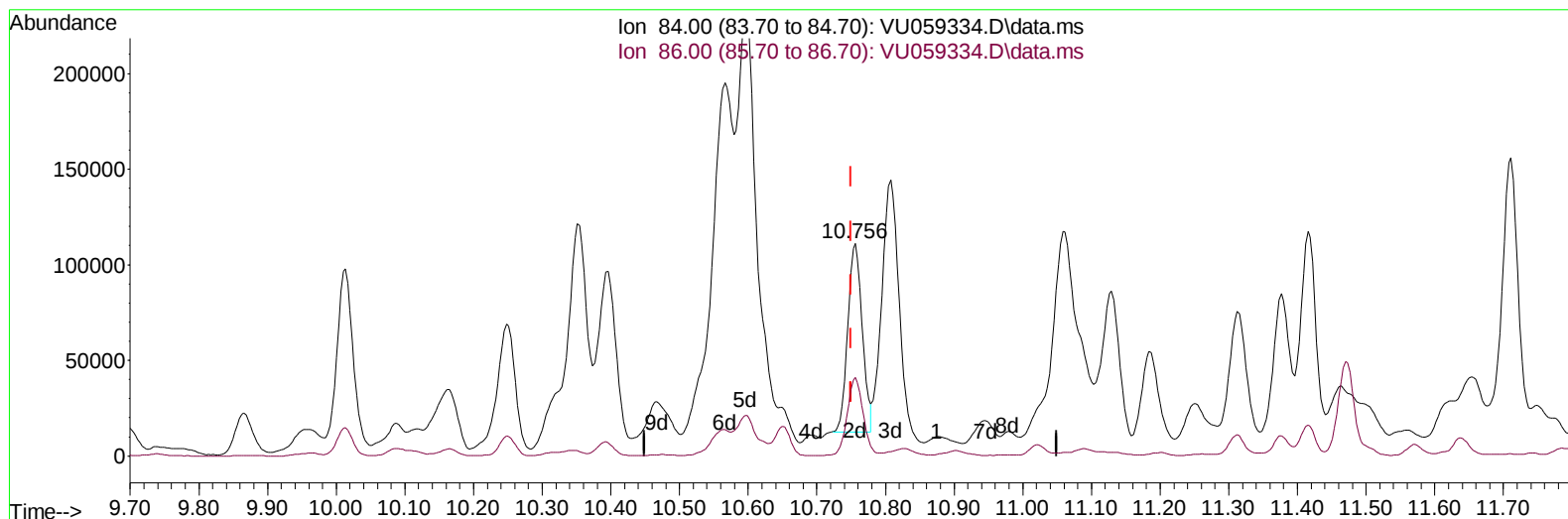
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TIC: VU059334.D\data.ms

(56) 1,1,2,2-Tetrachloroethane-d2 (S)

10.756min (+ 0.007) 61.23 ug/L m

response 146607

Ion	Exp%	Act%
84.00	100.00	100.00
86.00	62.80	3.36#
0.00	0.00	0.00
0.00	0.00	0.00

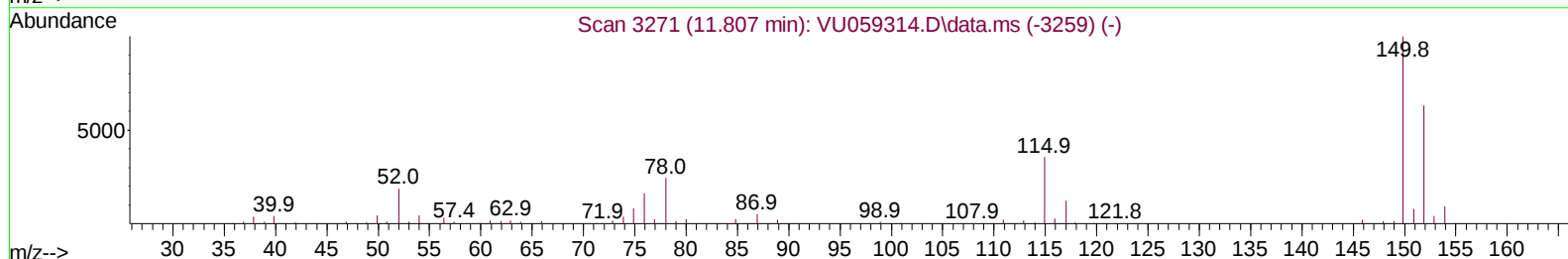
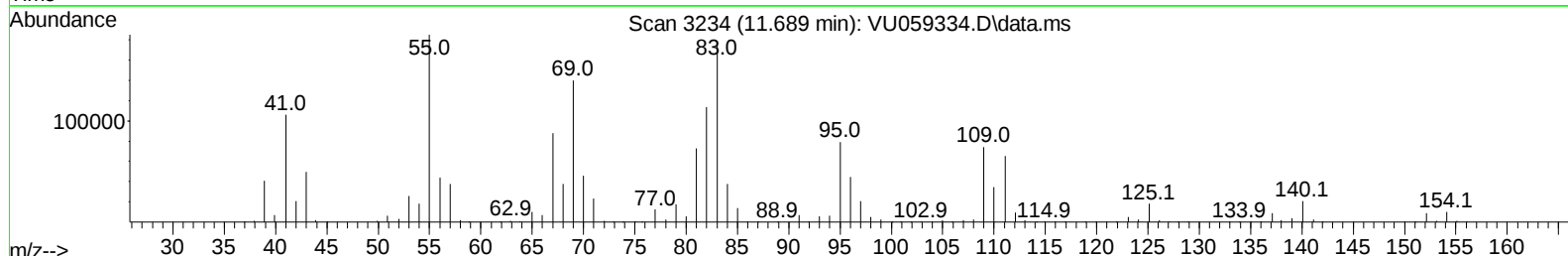
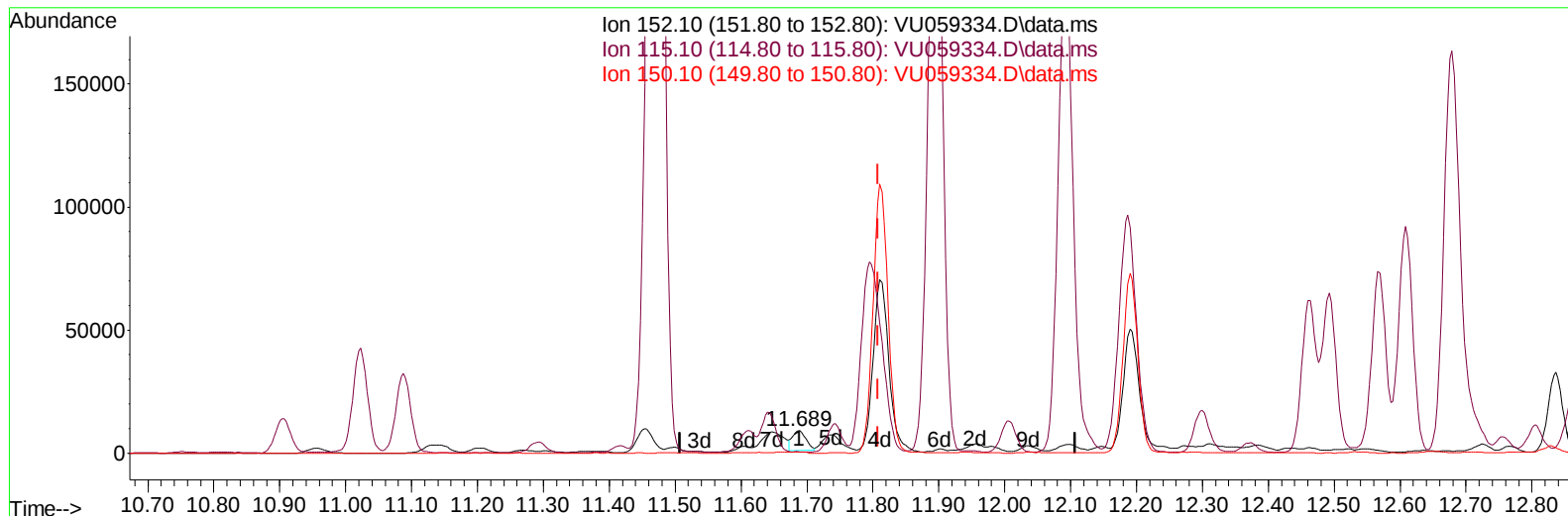
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Data File : VU059334.D
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Instrument :
MSVOA_U
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: VU059334.D\data.ms

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

11.689min (-0.119) 50.00 ug/L

response 11481

Ion	Exp%	Act%
152.10	100.00	100.00
115.10	59.20	1.70
150.10	171.90	4.48
0.00	0.00	0.00

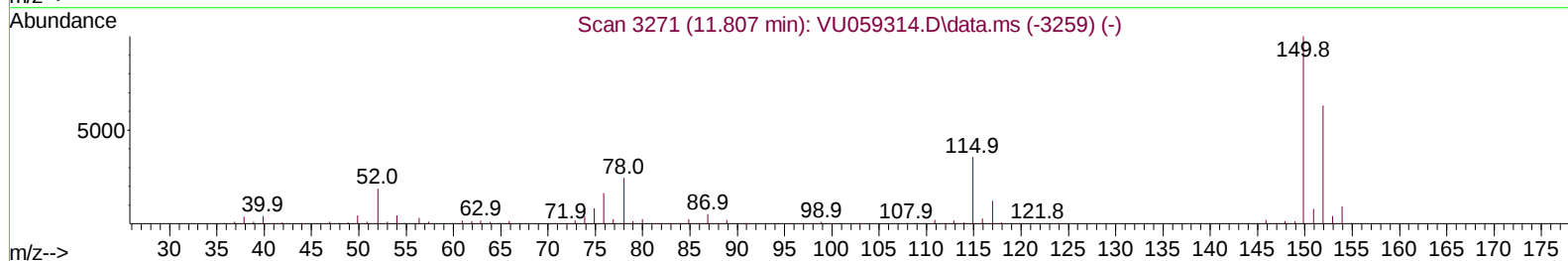
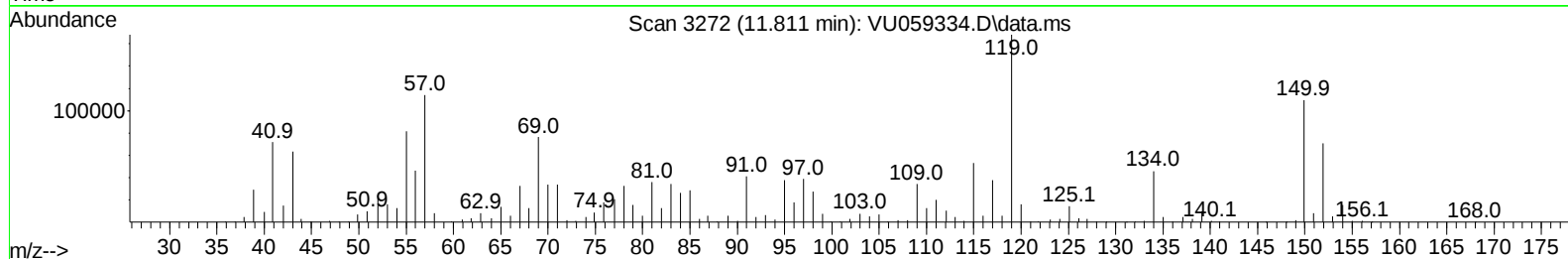
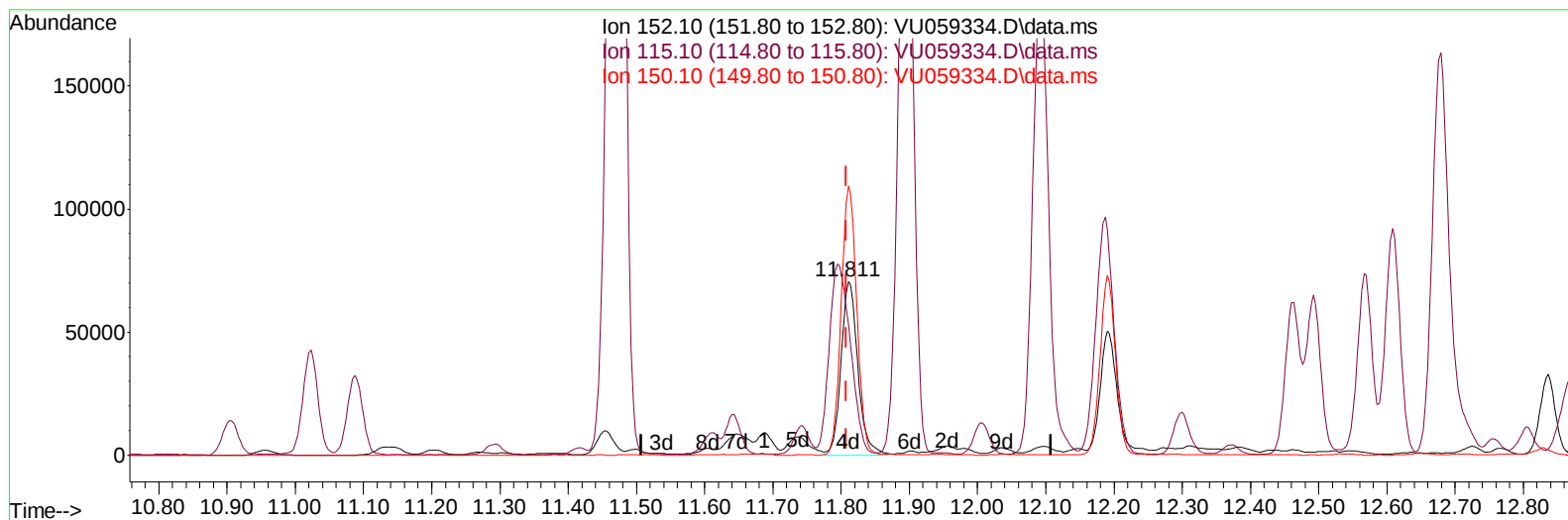
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TIC: VU059334.D\data.ms

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

11.811min (+ 0.003) 50.00 ug/L m

response 119780

Ion	Exp%	Act%
152.10	100.00	100.00
115.10	59.20	0.16
150.10	171.90	0.43
0.00	0.00	0.00

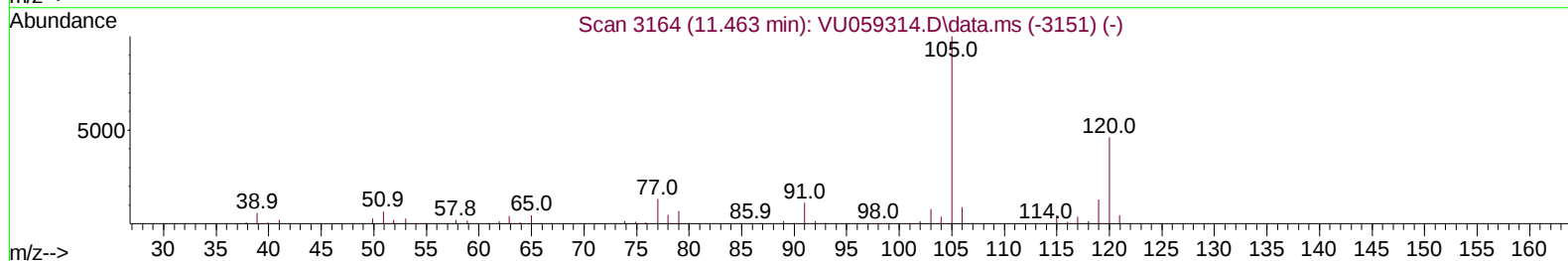
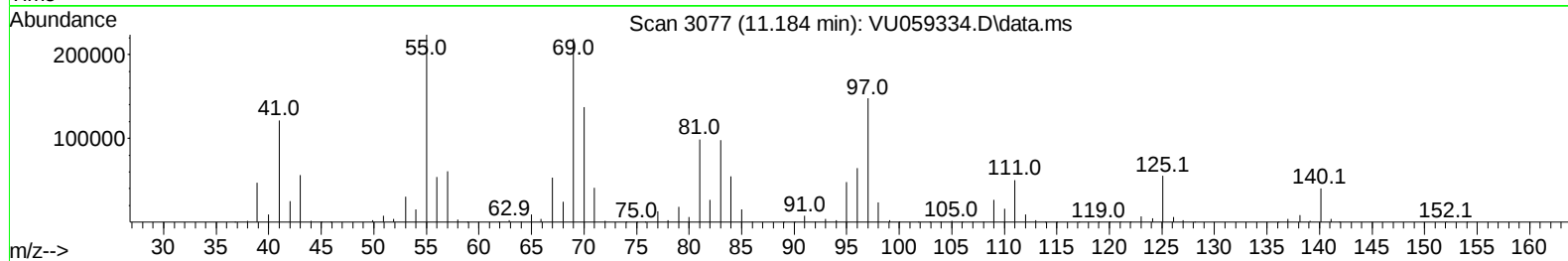
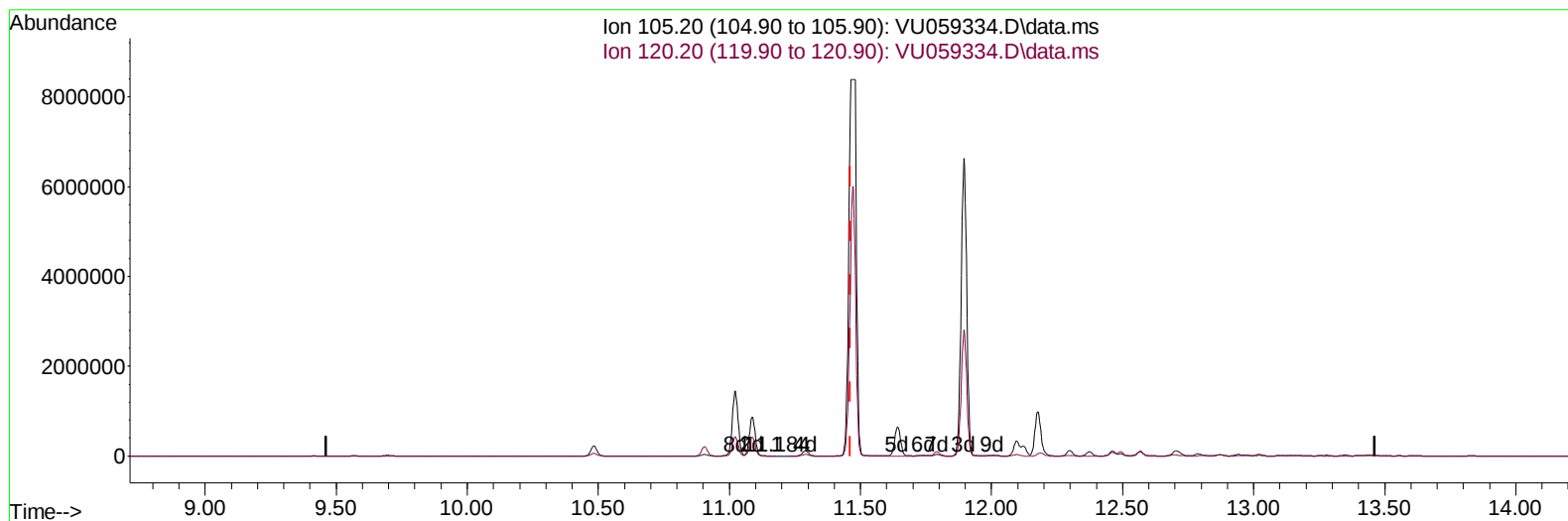
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ClientSampleId :
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TIC: VU059334.D\data.ms

(63) 1,2,4-Trimethylbenzene (T)

11.184min (-0.280) 0.11 ug/L

response 748

Ion	Exp%	Act%
105.20	100.00	100.00
120.20	43.80	36.36
0.00	0.00	0.00
0.00	0.00	0.00

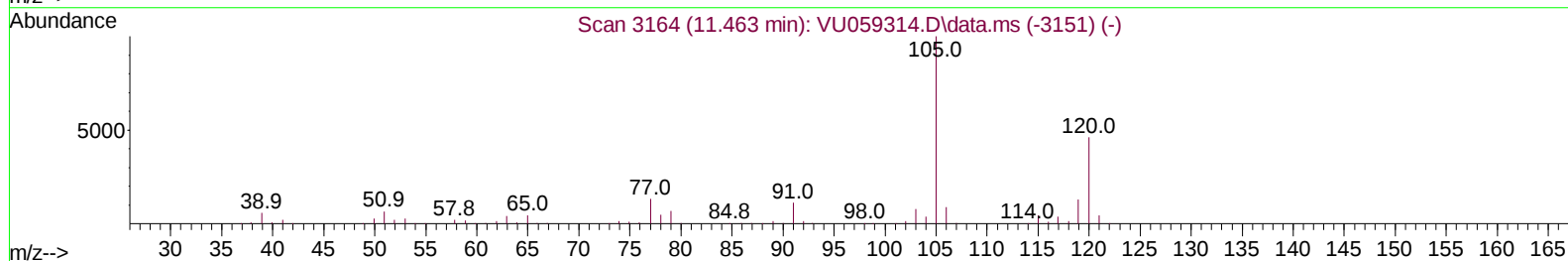
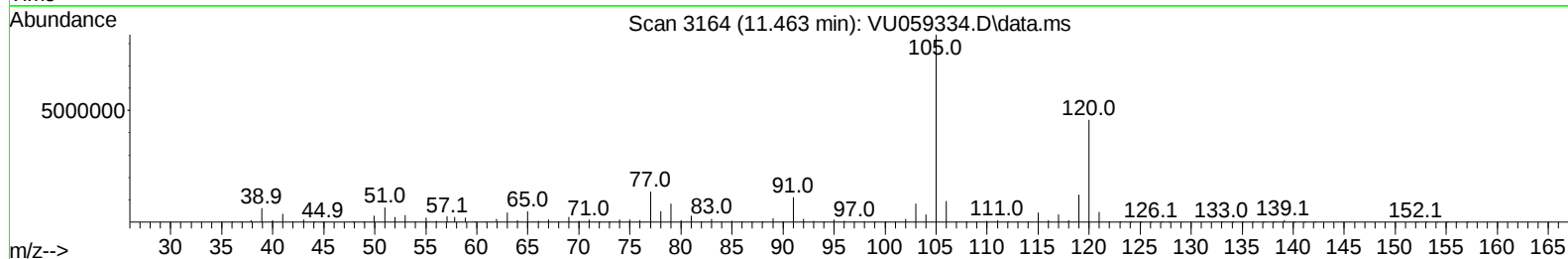
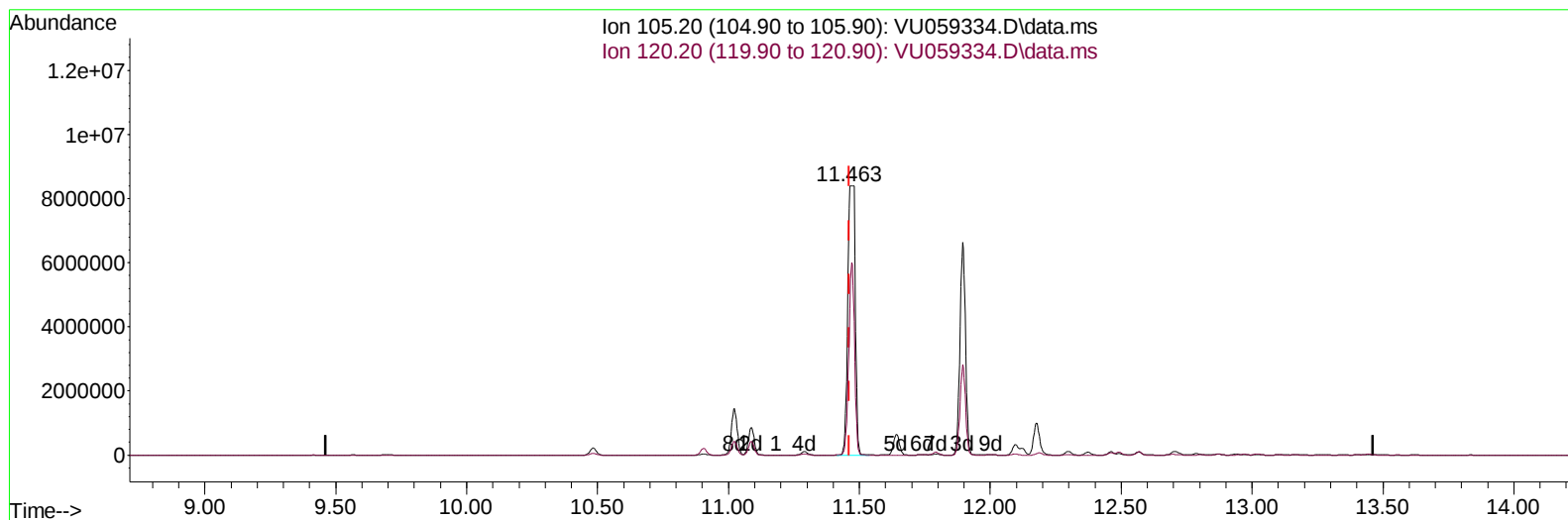
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Instrument :
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ClientSampleId :
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TIC: VU059334.D\data.ms

(63) 1,2,4-Trimethylbenzene (T)

11.463min (+ 0.000) 2512.77 ug/L m

response 16631268

Ion	Exp%	Act%
105.20	100.00	100.00
120.20	43.80	0.00#
0.00	0.00	0.00
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	6.242	114		167613	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117		178766	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152		119780m	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.592	65		34438	34.315	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135		Recovery	=	68.640%	
7) Chloroethane-d5	1.869	69		20835	24.236	ug/L	-0.04
Spiked Amount 50.000	Range 70	- 130		Recovery	=	48.480%#	
11) 1,1-Dichloroethene-d2	2.531	63		49520	24.999	ug/L	-0.03
Spiked Amount 50.000	Range 60	- 125		Recovery	=	50.000%#	
21) 2-Butanone-d5	4.628	46		77958	82.414	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130		Recovery	=	82.410%	
24) Chloroform-d	5.052	84		79414	39.750	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125		Recovery	=	79.500%	
26) 1,2-Dichloroethane-d4	5.692	65		53652	43.816	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125		Recovery	=	87.640%	
32) Benzene-d6	5.715	84		164730	40.149	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125		Recovery	=	80.300%	
36) 1,2-Dichloropropane-d6	6.682	67		54169	38.290	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120		Recovery	=	76.580%	
41) Toluene-d8	7.891	98		142070	40.789	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120		Recovery	=	81.580%	
43) trans-1,3-Dichloroprop...	8.177	79		22368	39.116	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125		Recovery	=	78.240%	
47) 2-Hexanone-d5	8.640	63		57583	88.021	ug/L	0.01
Spiked Amount 100.000	Range 45	- 130		Recovery	=	88.020%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84		146607m	61.233	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120		Recovery	=	122.460%#	
66) 1,2-Dichlorobenzene-d4	12.190	152		78551	43.944	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120		Recovery	=	87.880%	
Target Compounds							
						Qvalue	
35) Methylcyclohexane	6.750	83		7228	3.110	ug/L #	82
46) Tetrachloroethene	8.550	164		3440	3.267	ug/L	89
52) Ethylbenzene	9.566	91		90158	13.497	ug/L	99
53) m,p-Xylene	9.695	106		64031	26.081	ug/L	92
54) o-Xylene	10.100	106		5409	2.273	ug/L	87
61) Isopropylbenzene	10.483	105		363145	43.094	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105		1327729	217.461	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105		16631268m	2512.774	ug/L	

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

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