

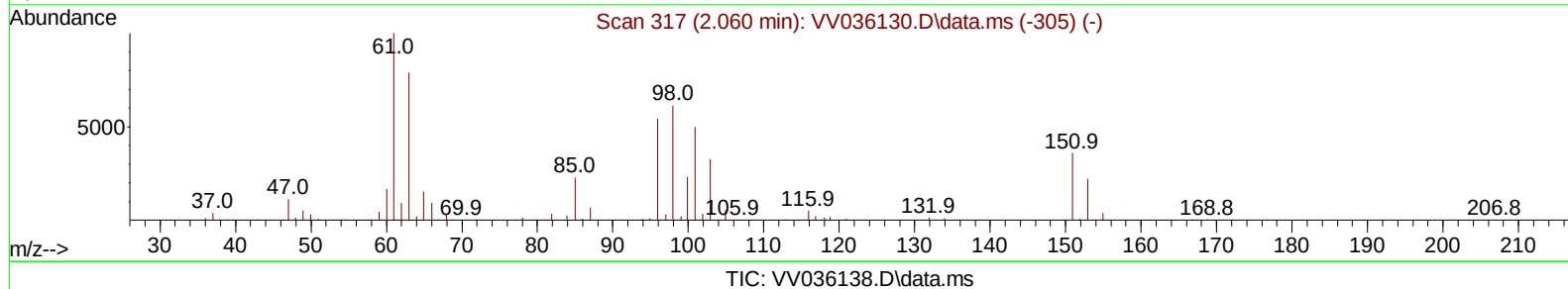
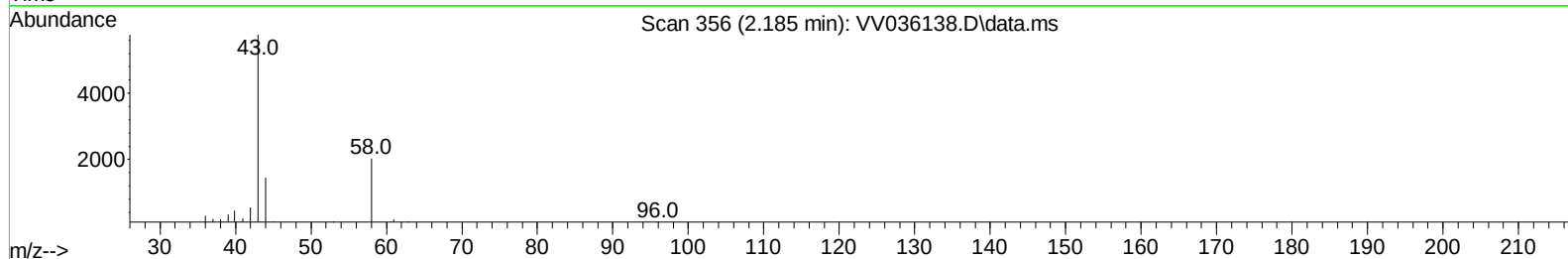
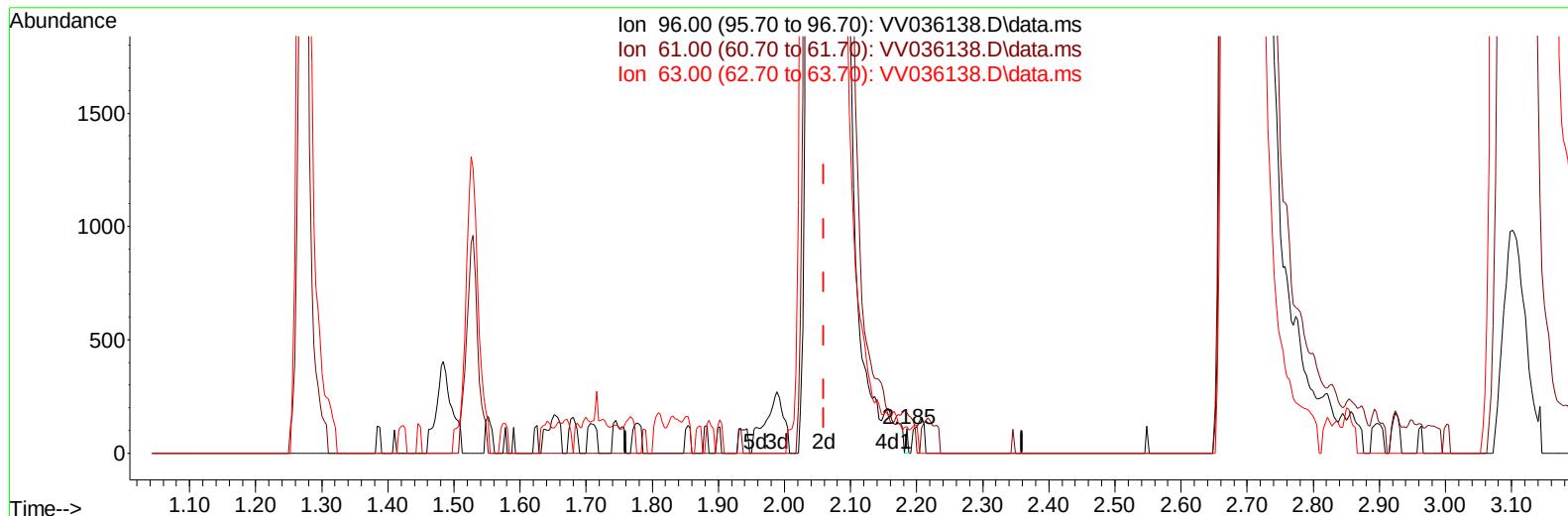
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061924\
Data File : VV036138.D
Acq On : 19 Jun 2024 15:32
Operator : SY/MD
Sample : P2909-24
Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4DJ5

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 06/22/2024
Supervised By :Mahesh Dadoda 06/22/2024

Quant Time: Jun 20 06:43:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration



(12) 1,1-Dichloroethene (T)

2.185min (+ 0.125) 0.00 ug/L

response 21

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	181.80	165.74
63.00	133.80	107.41
0.00	0.00	0.00

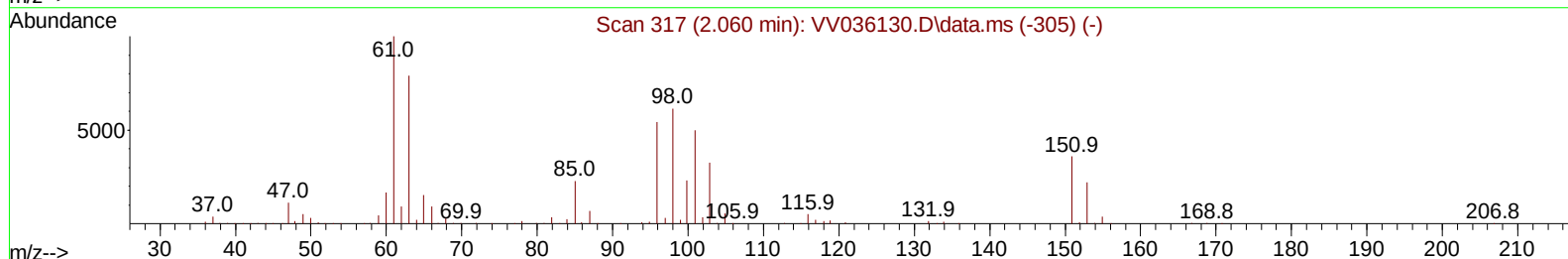
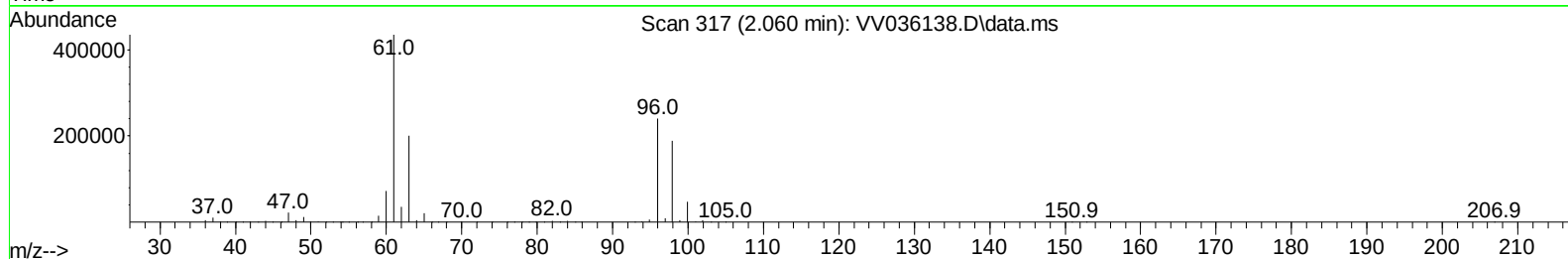
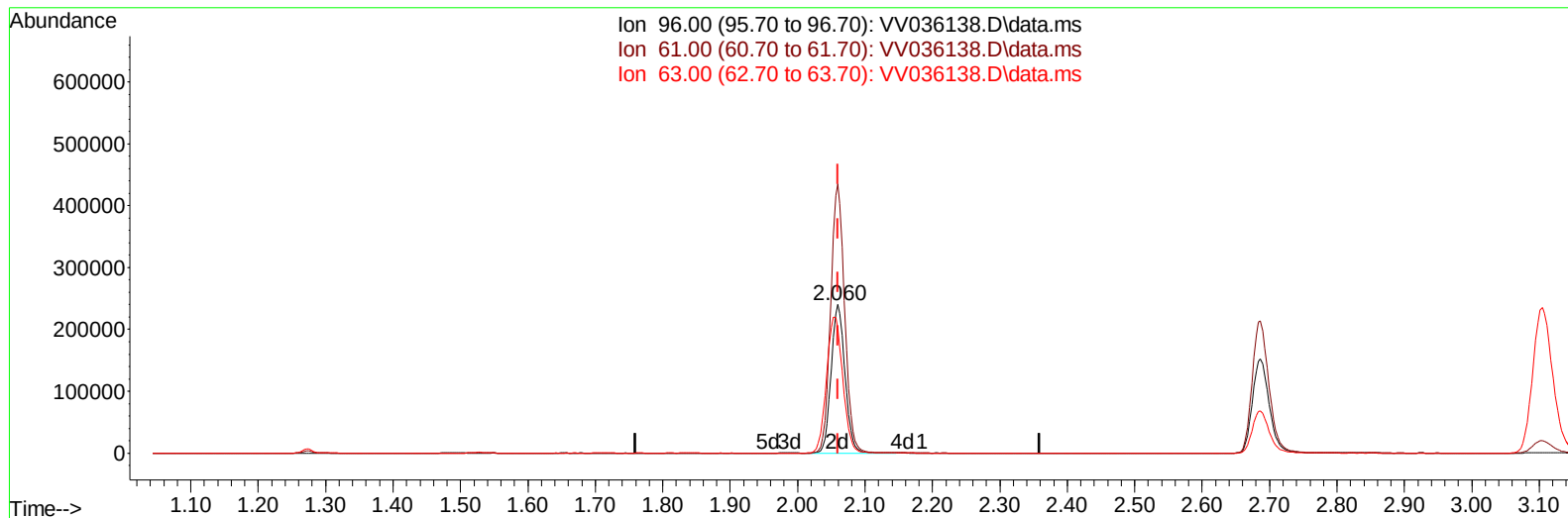
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TIC: VV036138.D\data.ms

(12) 1,1-Dichloroethene (T)

2.060min (-0.000) 72.59 ug/L m

response 342993

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	181.80	181.17
63.00	133.80	83.87#
0.00	0.00	0.00

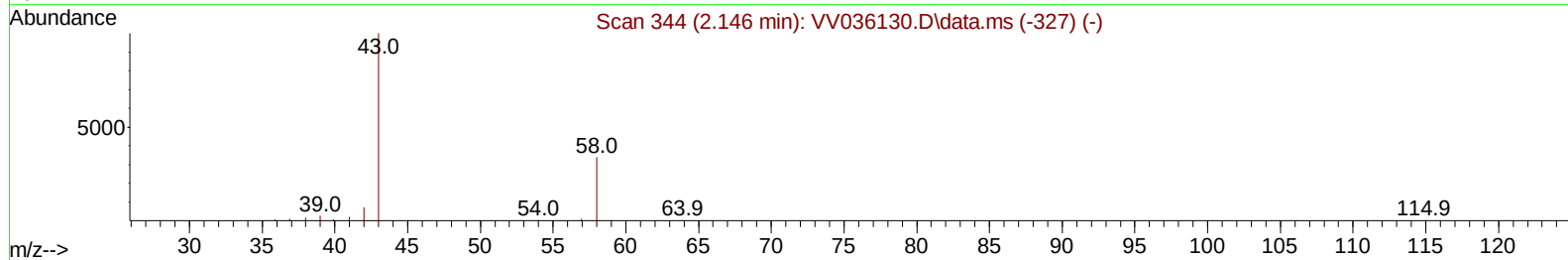
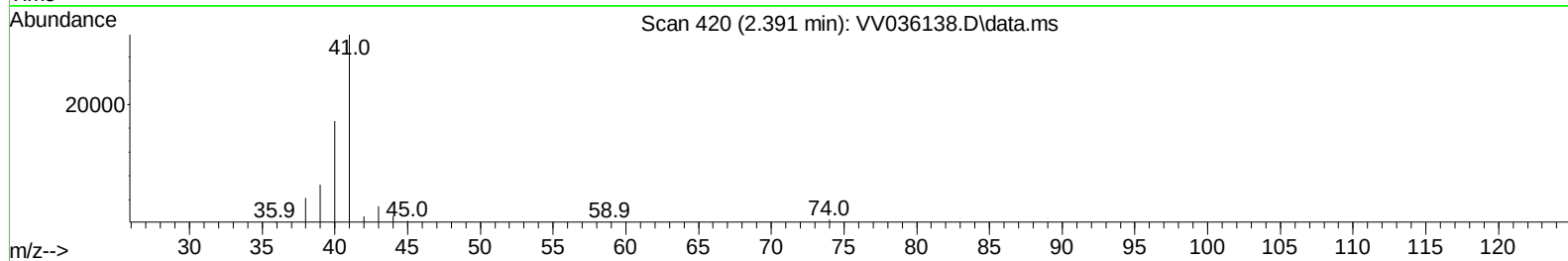
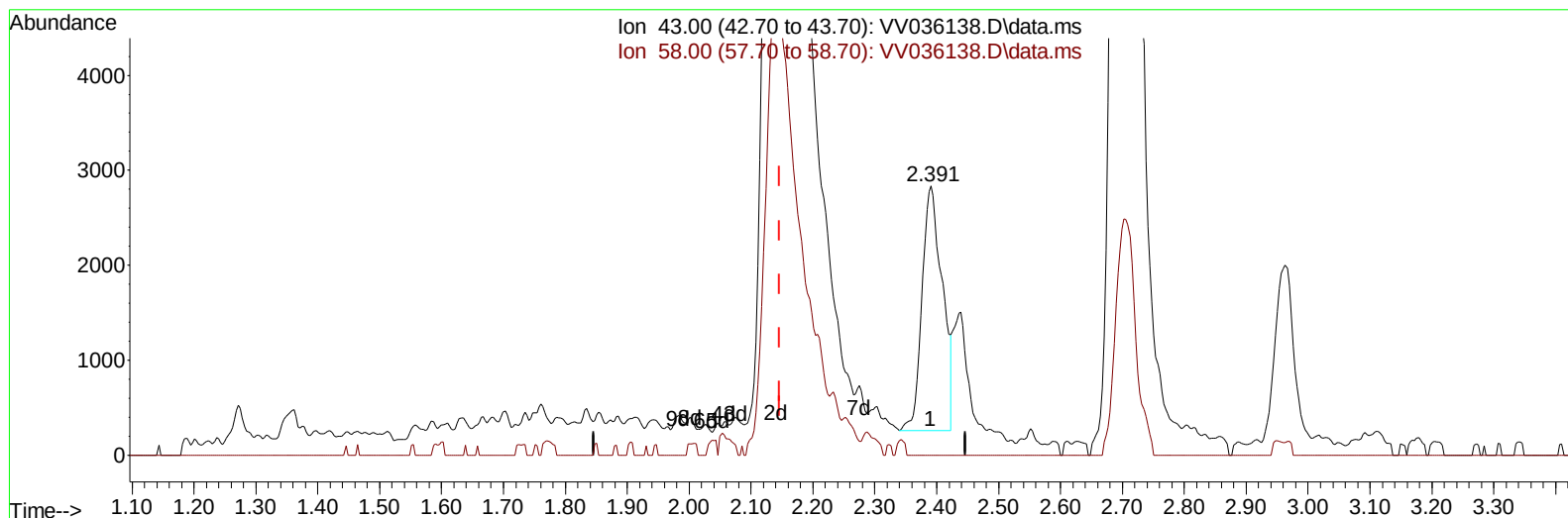
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TIC: VV036138.D\data.ms

(13) Acetone (T)

2.391min (+ 0.244) 3.05 ug/L

response 5911

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	2.28
0.00	0.00	0.00
0.00	0.00	0.00

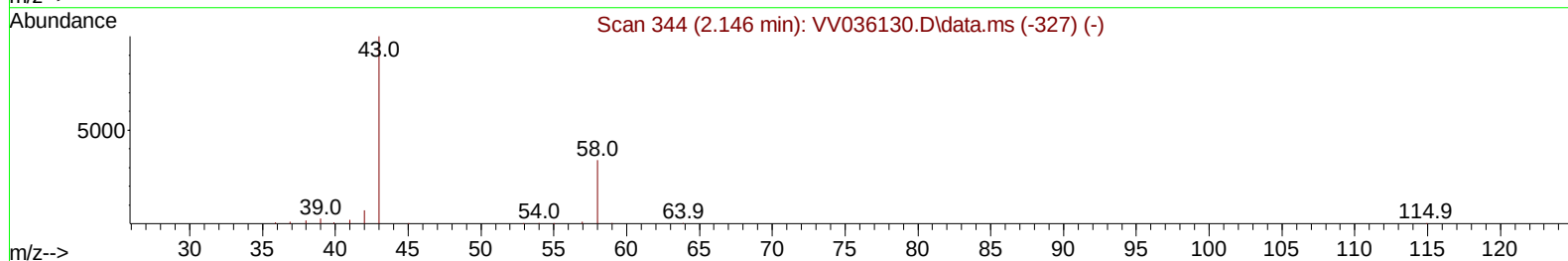
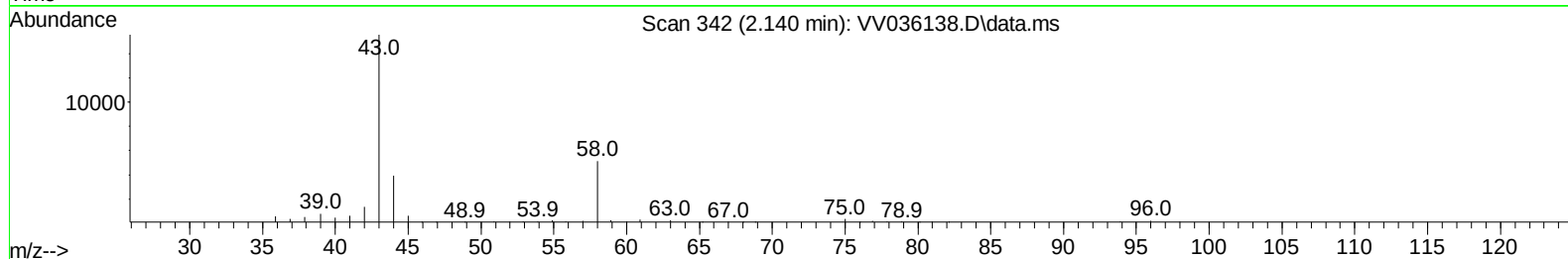
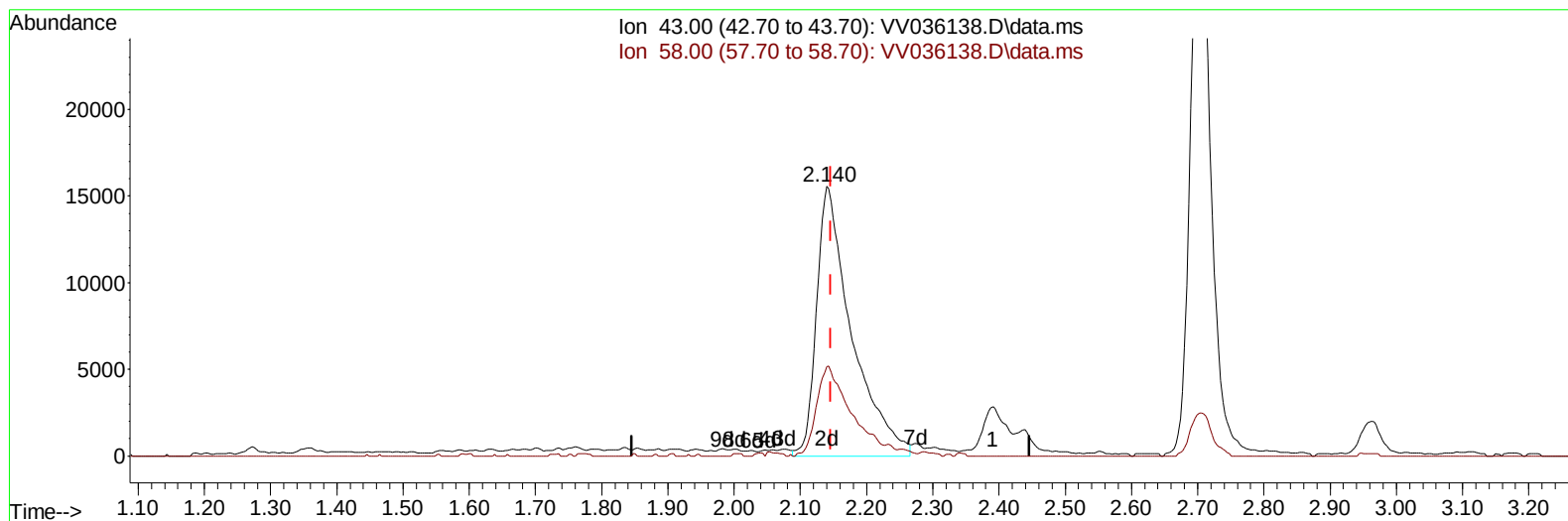
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TIC: VV036138.D\data.ms

(13) Acetone (T)

2.140min (-0.006) 29.46 ug/L m

response 57126

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	0.24
0.00	0.00	0.00
0.00	0.00	0.00

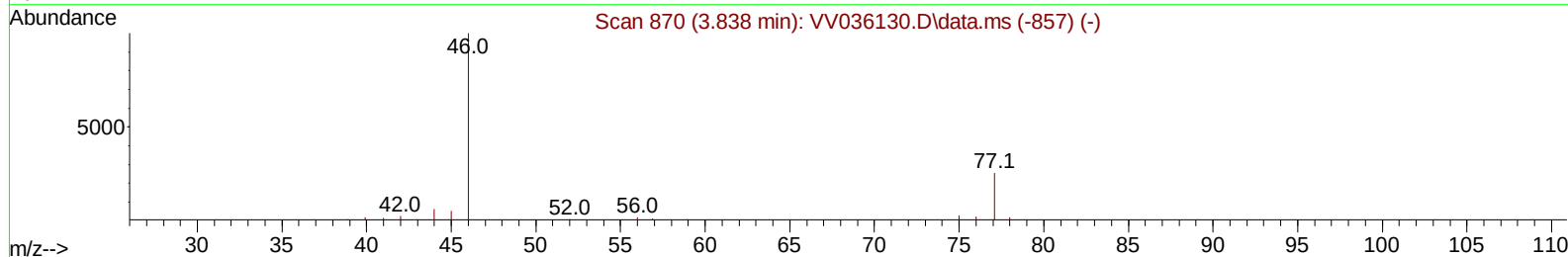
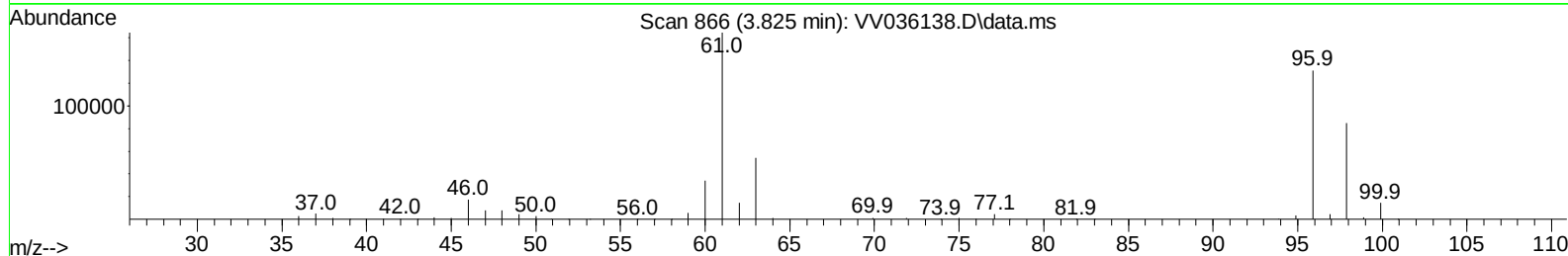
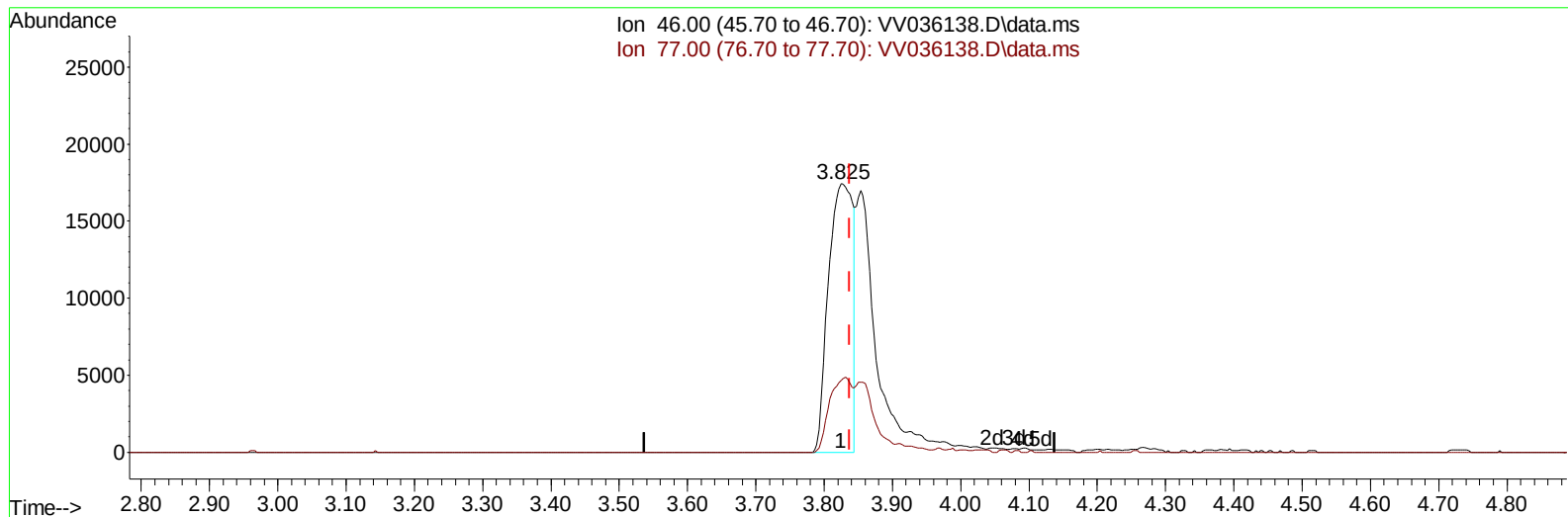
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TIC: VV036138.D\data.ms

(21) 2-Butanone-d5 (S)

3.825min (-0.013) 34.74 ug/L

response 43246

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	26.51#
0.00	0.00	0.00
0.00	0.00	0.00

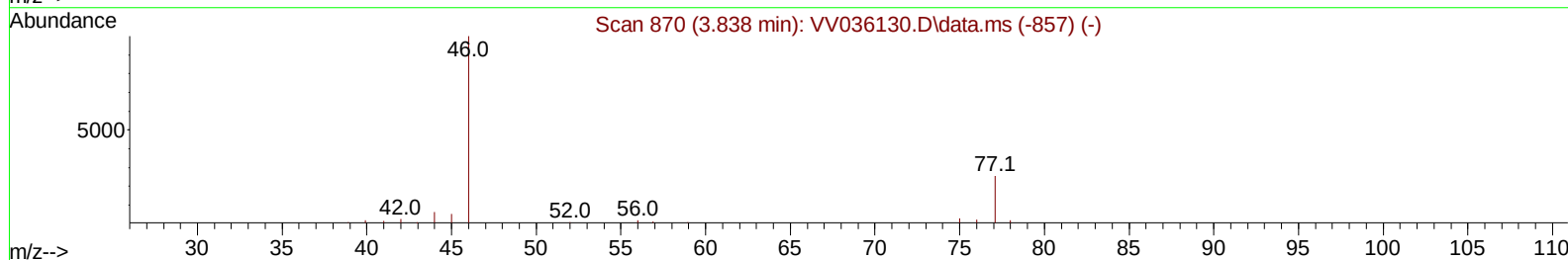
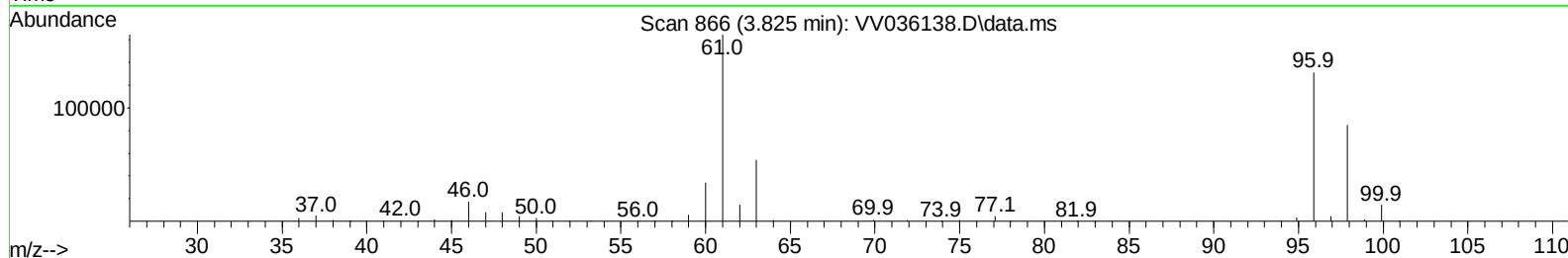
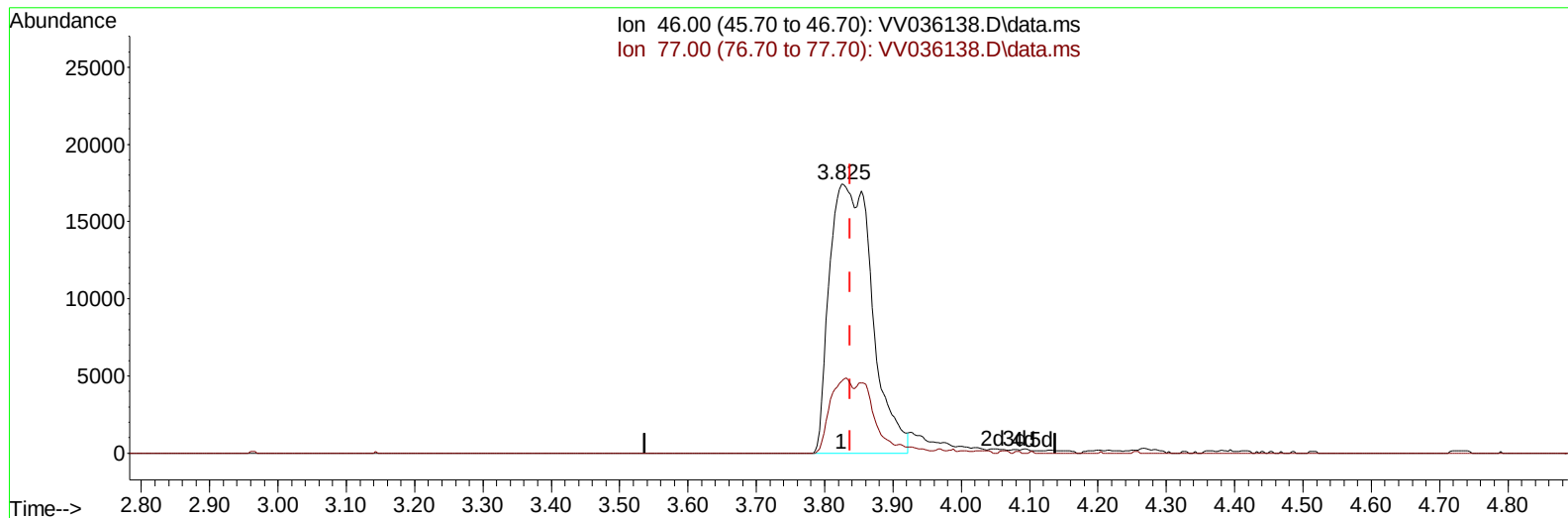
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Instrument :
MSVOA_V
ClientSampleId :
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TIC: VV036138.D\data.ms

(21) 2-Butanone-d5 (S)

3.825min (-0.013) 60.63 ug/L m

response 75470

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.90	15.19
0.00	0.00	0.00
0.00	0.00	0.00

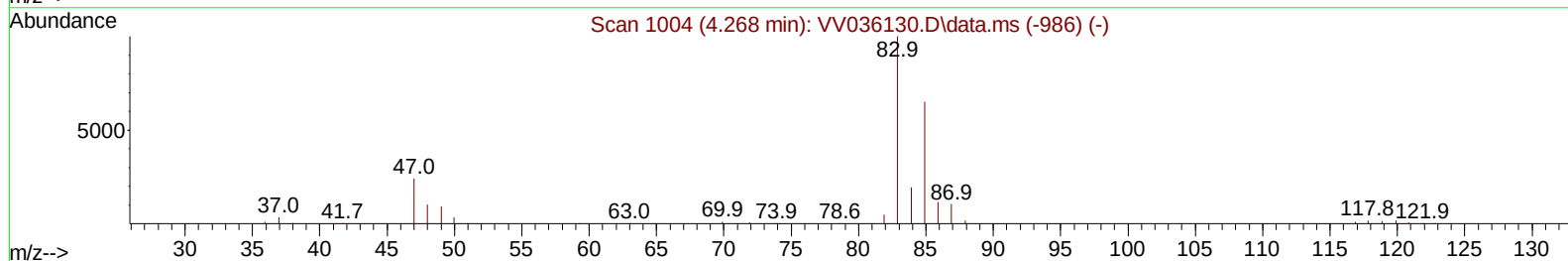
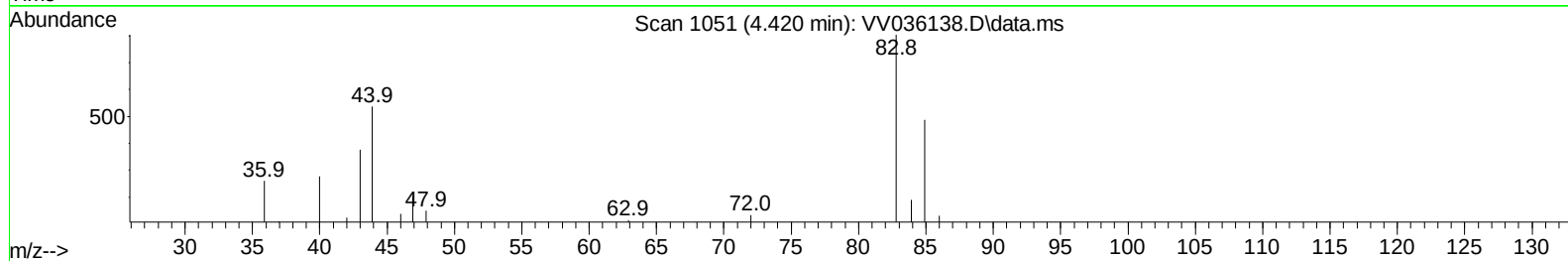
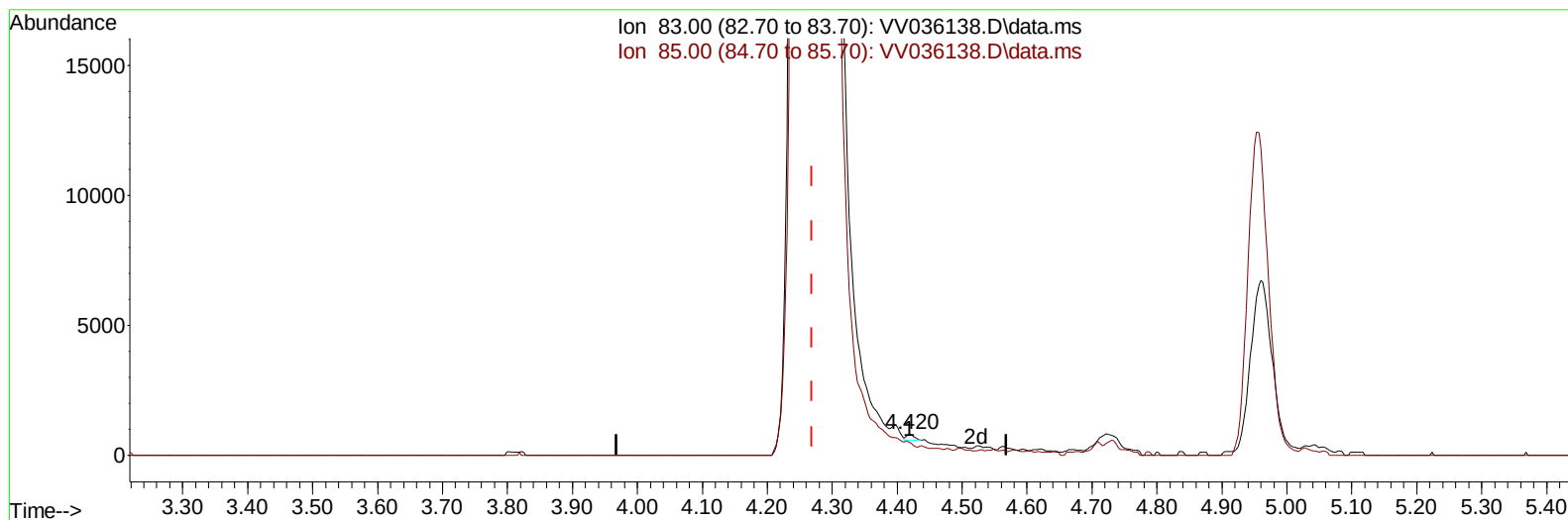
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Instrument :
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Reviewed By :Semsettin Yesilyurt 06/22/2024
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TIC: VV036138.D\data.ms

(25) Chloroform (T)

4.420min (+ 0.151) 0.02 ug/L

response 194

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	64.60	60.57
0.00	0.00	0.00
0.00	0.00	0.00

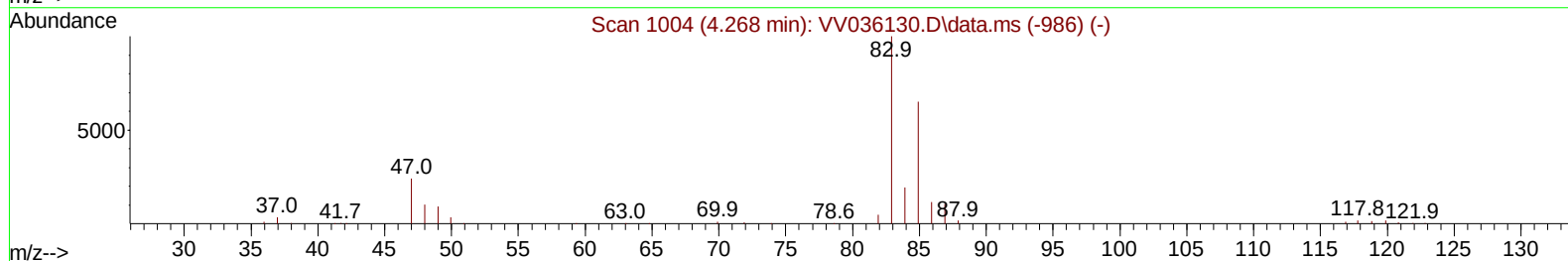
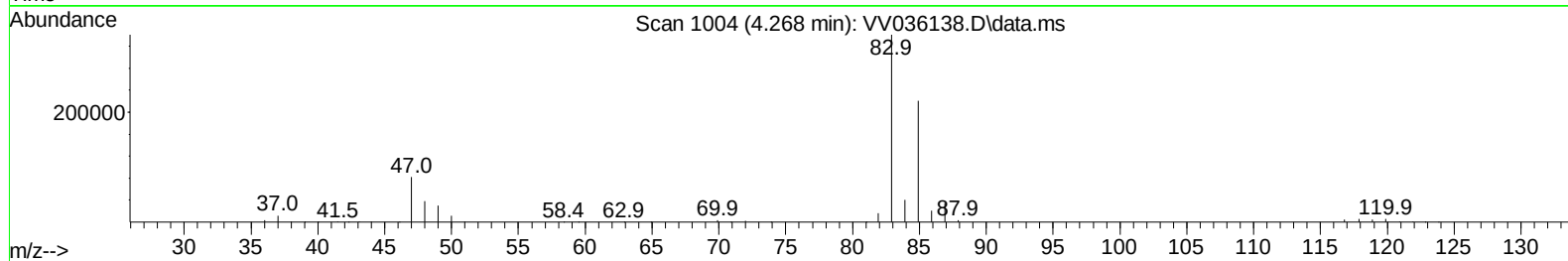
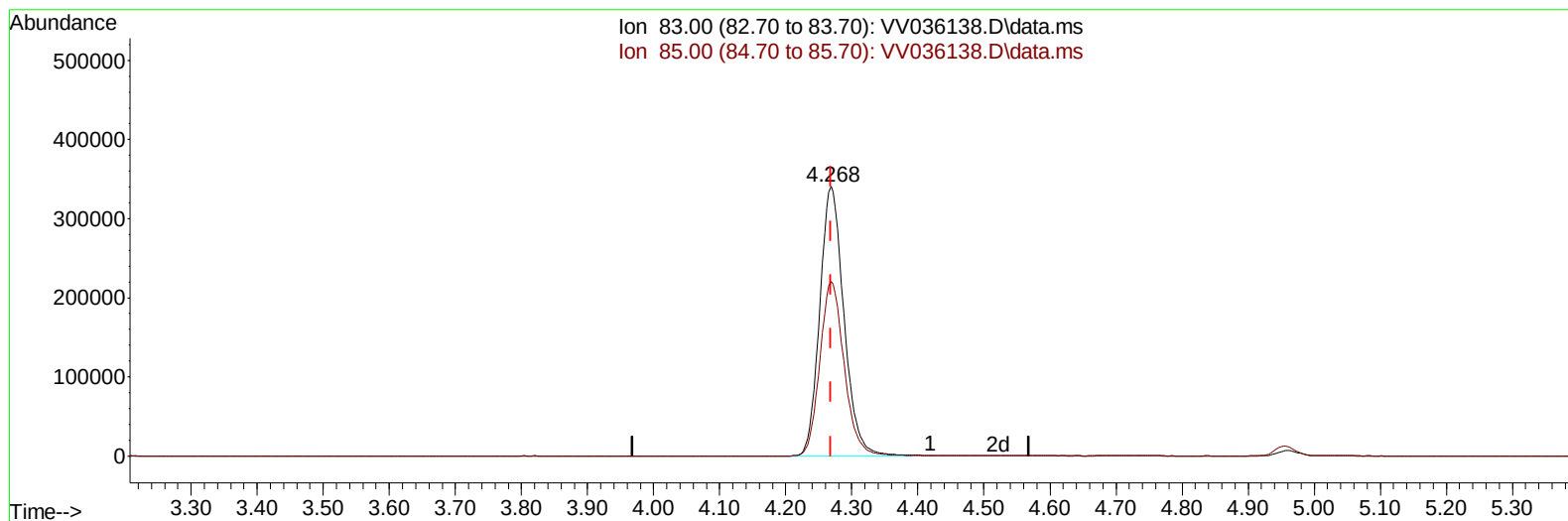
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Instrument :
MSVOA_V
ClientSampleId :
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Supervised By :Mahesh Dadoda 06/22/2024



TIC: VV036138.D\data.ms

(25) Chloroform (T)

4.268min (-0.000) 88.16 ug/L m

response 866874

Ion	Exp%	Act%
83.00	100.00	100.00
85.00	64.60	64.73
0.00	0.00	0.00
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	5.532	114	295078	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	320750	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	184173	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	115618	21.312	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	85.240%	
7) Chloroethane-d5	1.526	69	99053	22.899	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.050	65	55700	23.063	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	92.240%	
21) 2-Butanone-d5	3.825	46	75470m	60.633	ug/L	-0.01
Spiked Amount 50.000	Range 20	- 135	Recovery	=	121.260%	
24) Chloroform-d	4.243	84	256337	27.325	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	109.280%	
26) 1,2-Dichloroethane-d4	4.940	65	126924	25.805	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	103.200%	
32) Benzene-d6	4.953	84	413857	21.706	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	86.840%	
36) 1,2-Dichloropropane-d6	5.985	67	139982	23.314	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	93.240%	
41) Toluene-d8	7.239	98	402677	23.937	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	95.760%	
43) trans-1,3-Dichloroprop...	7.551	79	60262	24.478	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	97.920%	
47) 2-Hexanone-d5	8.030	63	47446	58.325	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	116.660%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	114302	25.476	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	101.920%	
66) 1,2-Dichlorobenzene-d4	11.558	152	143343	21.224	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	84.880%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.060	96	342993m	72.588	ug/L	
13) Acetone	2.140	43	57126m	29.464	ug/L	
15) Methyl Acetate	2.391	43	5911	2.453	ug/L	100
16) Methylene chloride	2.439	84	349785	52.386	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	263576	52.511	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	373287	33.126	ug/L	98
19) 1,1-Dichloroethane	3.104	63	492986	51.573	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	572994	113.606	ug/L	100
22) 2-Butanone	3.889	43	484113	294.262	ug/L #	77
25) Chloroform	4.268	83	866874m	88.160	ug/L	
27) 1,2-Dichloroethane	5.037	62	214587	34.955	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	3576	0.408	ug/L #	71
31) Carbon tetrachloride	4.728	117	377893	49.123	ug/L	99
33) Benzene	5.005	78	946473	45.117	ug/L	100
34) Trichloroethene	5.828	95	274943	42.763	ug/L	99
37) 1,2-Dichloropropane	6.092	63	88462	16.060	ug/L	98
38) Bromodichloromethane	6.429	83	666350	91.396	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	819081	99.418	ug/L	100

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

40) 4-Methyl-2-pentanone	7.159	43	412848	137.950	ug/L	96
42) Toluene	7.310	91	885539	41.311	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	414960	58.311	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	147102	32.275	ug/L	98
46) Tetrachloroethene	7.902	164	272929	58.042	ug/L	98
48) 2-Hexanone	8.075	43	359319	153.577	ug/L	97
49) Dibromochloromethane	8.172	129	529514	106.154	ug/L	99
50) 1,2-Dibromoethane	8.278	107	391239	89.462	ug/L	99
51) Chlorobenzene	8.812	112	277461	18.997	ug/L	100
52) Ethylbenzene	8.944	91	1201498	52.389	ug/L	99
53) m,p-Xylene	9.069	106	933472	108.323	ug/L	100
54) o-Xylene	9.477	106	379932	46.752	ug/L	99
55) Styrene	9.493	104	1122634	78.338	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	155679	38.147	ug/L	99
59) Bromoform	9.664	173	98870	28.466	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	286929	65.872	ug/L	97
64) 1,3-Dichlorobenzene	11.114	146	1183105	95.345	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	778936	60.817	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	359606	30.797	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	47989	49.269	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	185271	25.351	ug/L	99

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

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