

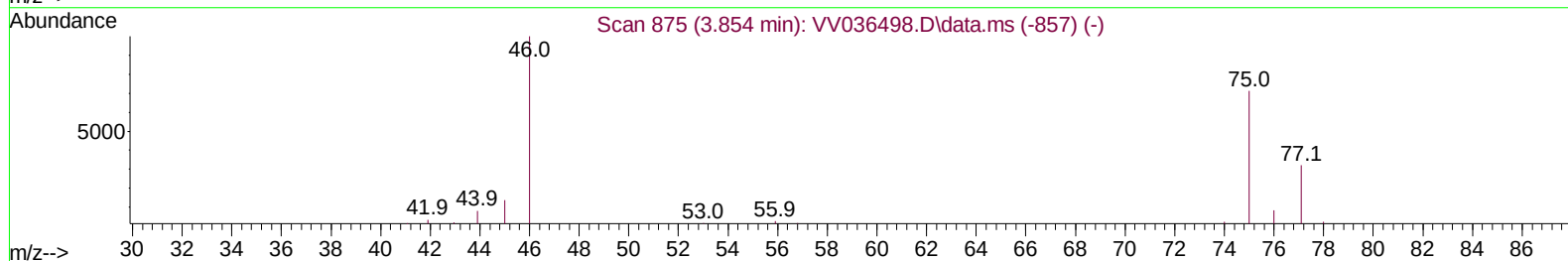
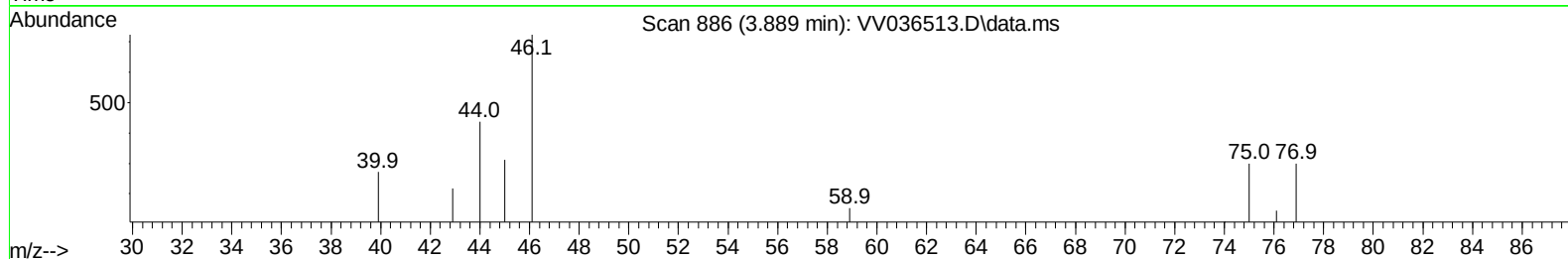
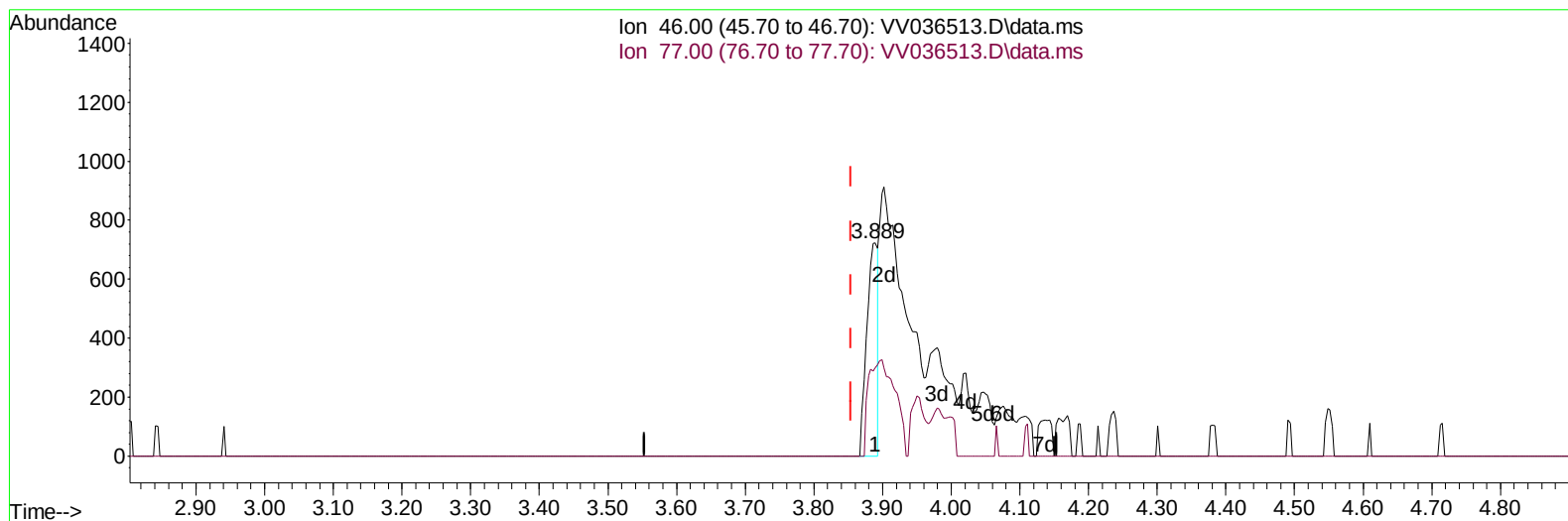
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
Data File : VV036513.D
Acq On : 12 Jul 2024 17:44
Operator : SY/MD
Sample : P3215-15
Misc : 5.29g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4D43

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/16/2024
Supervised By :Semsettin Yesilyurt 07/16/2024

Quant Time: Jul 13 04:11:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 13 04:06:53 2024
Response via : Initial Calibration



TIC: VV036513.D\data.ms

(21) 2-Butanone-d5 (S)**3.889min (+ 0.035) 1.41 ug/L****response 796**

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

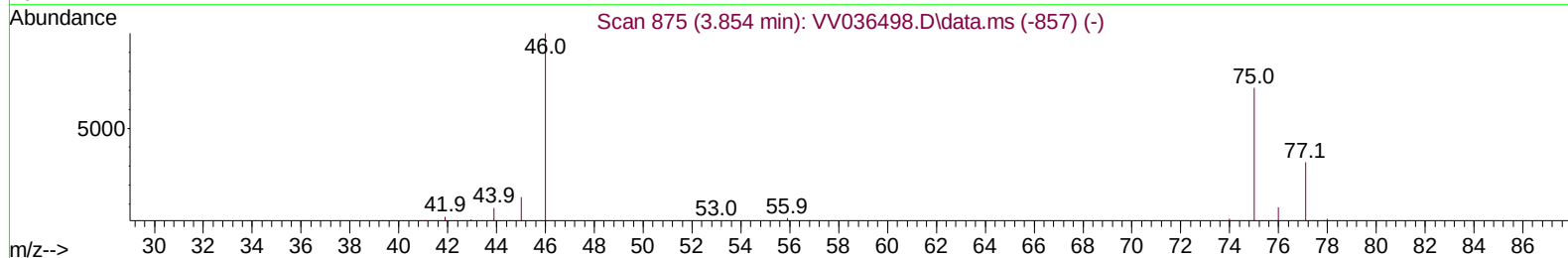
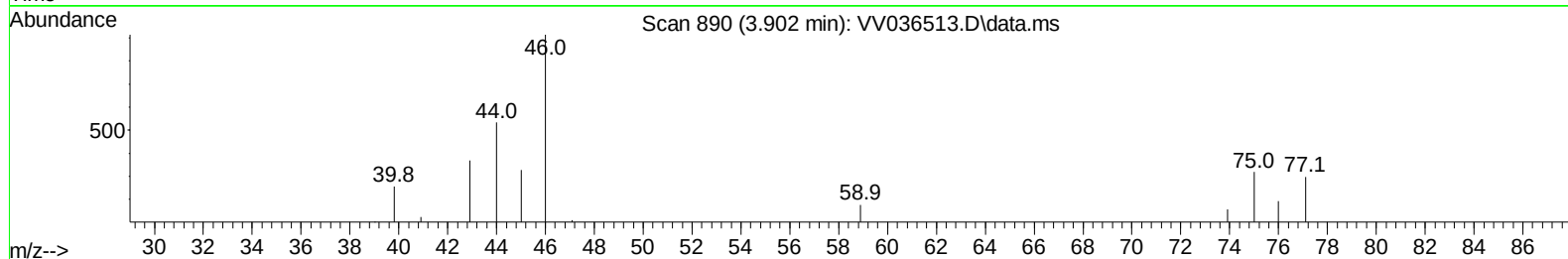
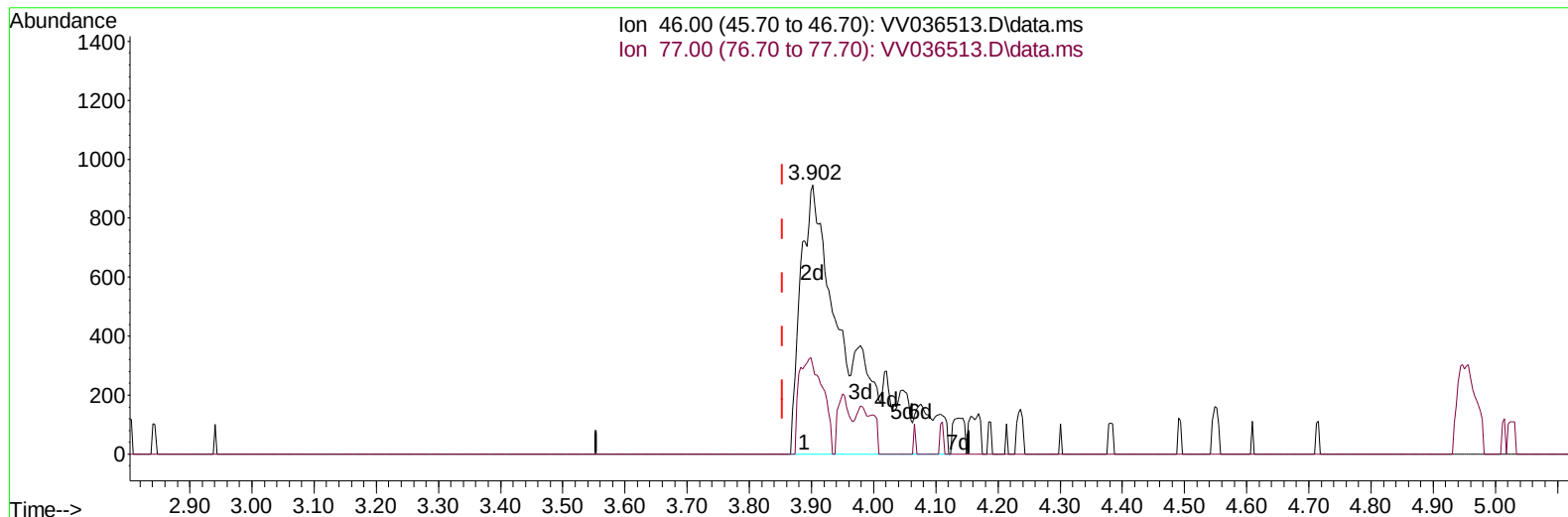
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TIC: VV036513.D\data.ms

(21) 2-Butanone-d5 (S)

3.902min (+ 0.048) 8.99 ug/L m

response 5084

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	11.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

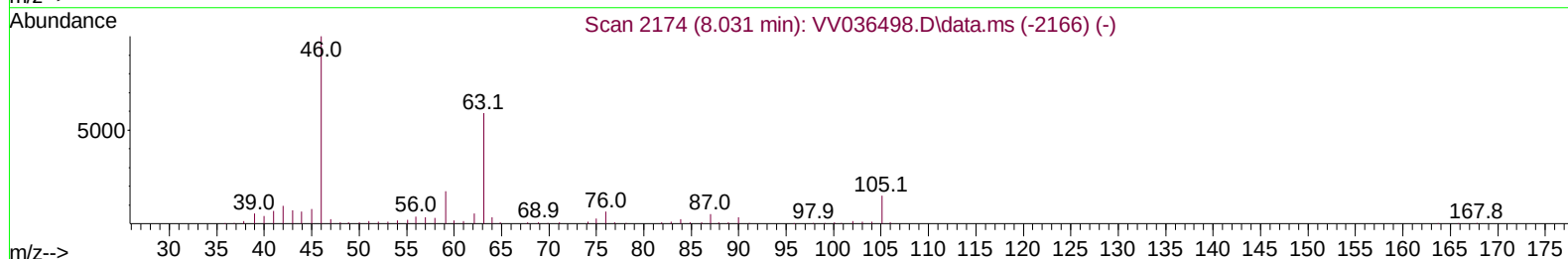
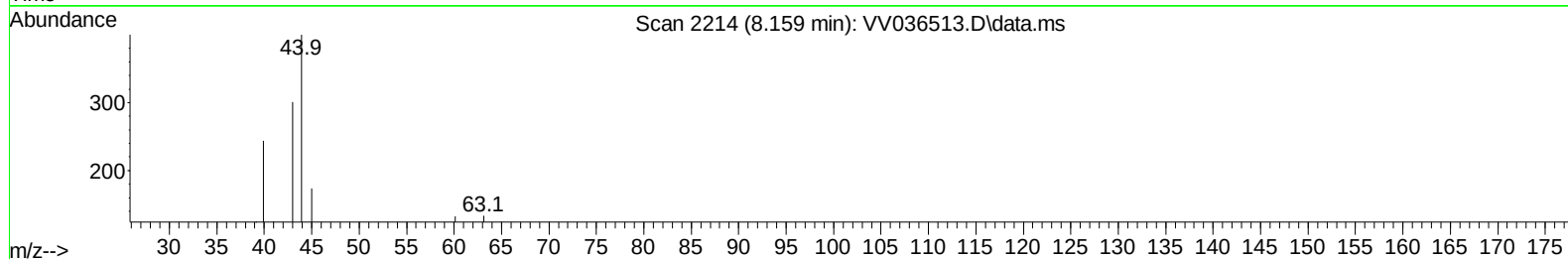
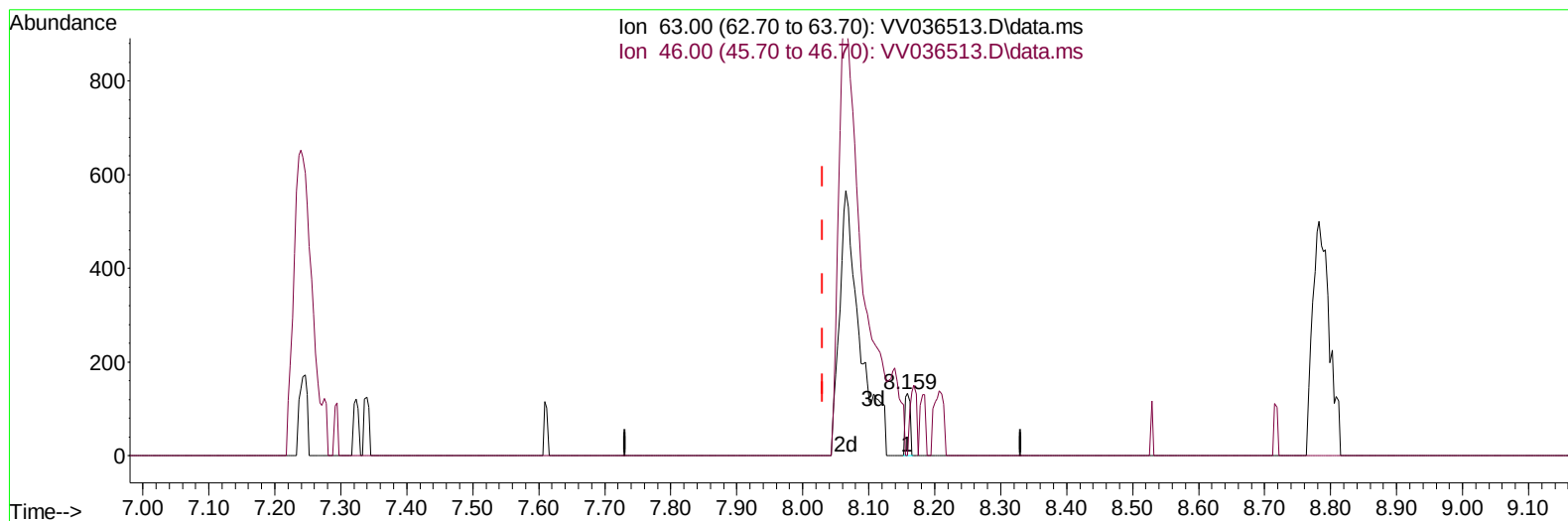
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Data File : VV036513.D
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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TIC: VV036513.D\data.ms

(47) 2-Hexanone-d5 (S)

8.159min (+ 0.129) 0.34 ug/L

response 72

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	169.70	138.89
0.00	0.00	0.00
0.00	0.00	0.00

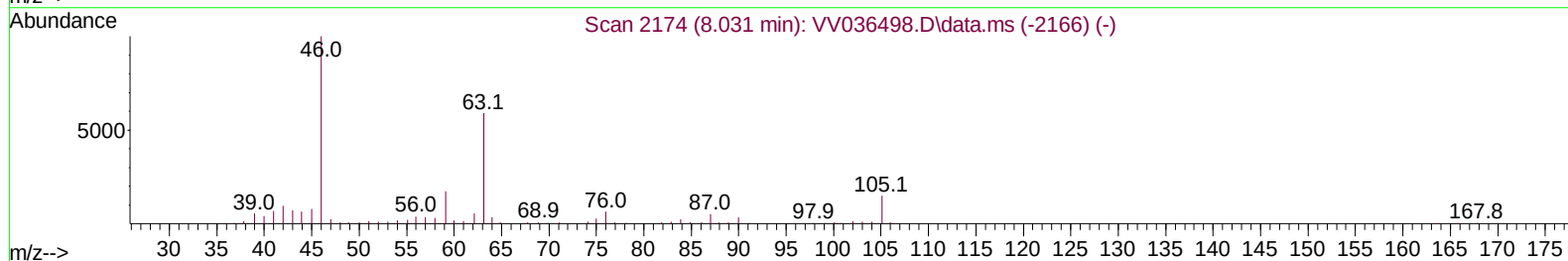
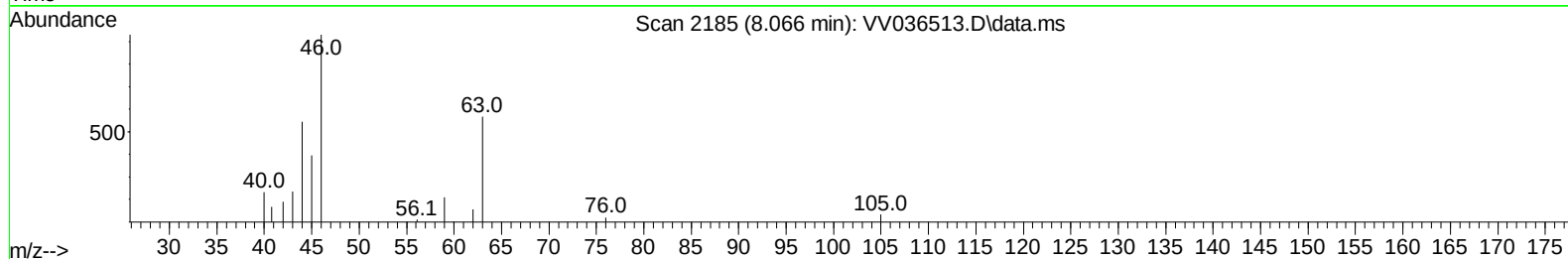
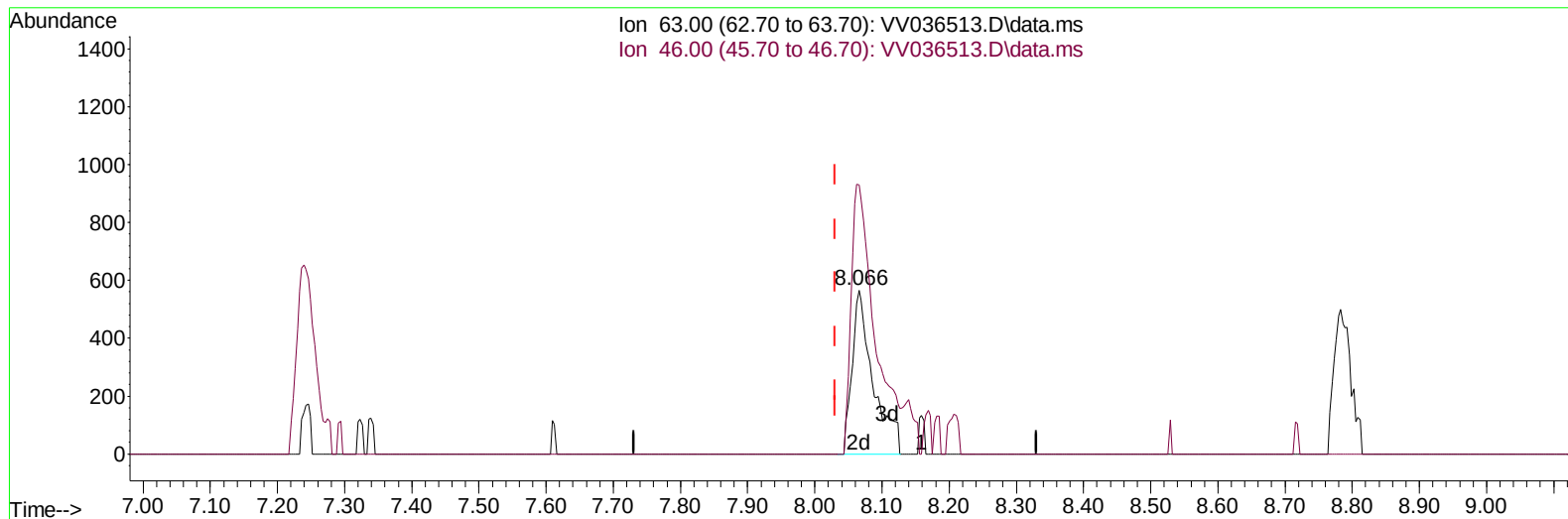
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Instrument :
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TIC: VV036513.D\data.ms

(47) 2-Hexanone-d5 (S)

8.066min (+ 0.035) 5.82 ug/L m

response 1218

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	169.70	8.21#
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
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Manual IntegrationsAPPROVED

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 Quant Title : VOC Analysis
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 Supervised By :Semsettin Yesilyurt 07/16/2024

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Difluorobenzene	5.532	114		230508	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117		126730	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152		24142	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.272	65		118348	35.836	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery	=	143.360%	
7) Chloroethane-d5	1.526	69		101553	35.172	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150		Recovery	=	140.680%	
11) 1,1-Dichloroethene-d2	2.050	65		45648	26.918	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110		Recovery	=	107.680%	
21) 2-Butanone-d5	3.902	46		5084m	8.994	ug/L	0.05
Spiked Amount 50.000	Range 20	- 135		Recovery	=	17.980%#	
24) Chloroform-d	4.243	84		163569	24.378	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150		Recovery	=	97.520%	
26) 1,2-Dichloroethane-d4	4.937	65		89674	26.947	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130		Recovery	=	107.800%	
32) Benzene-d6	4.953	84		285162	45.104	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135		Recovery	=	180.400%#	
36) 1,2-Dichloropropane-d6	5.986	67		84771	44.990	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120		Recovery	=	179.960%#	
41) Toluene-d8	7.239	98		159233	27.296	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130		Recovery	=	109.200%	
43) trans-1,3-Dichloroprop...	7.571	79		5196	6.633	ug/L	0.02
Spiked Amount 25.000	Range 30	- 135		Recovery	=	26.520%#	
47) 2-Hexanone-d5	8.066	63		1218m	5.820	ug/L	0.04
Spiked Amount 50.000	Range 20	- 135		Recovery	=	11.640%#	
56) 1,1,2,2-Tetrachloroeth...	10.153	84		38770	24.431	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120		Recovery	=	97.720%	
66) 1,2-Dichlorobenzene-d4	11.561	152		16696	20.379	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120		Recovery	=	81.520%	
Target Compounds							
16) Methylene chloride	2.439	84		14206	2.998	ug/L	92
64) 1,3-Dichlorobenzene	11.130	146		2724	1.911	ug/L	88
65) 1,4-Dichlorobenzene	11.210	146		3442	2.248	ug/L	94
67) 1,2-Dichlorobenzene	11.583	146		2998	2.188	ug/L	89
70) 1,2,4-trichlorobenzene	13.201	180		3868	4.405	ug/L	91
72) 1,2,3-Trichlorobenzene	13.683	180		3885	4.677	ug/L	98

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

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