Quantitation Report (Qedit)

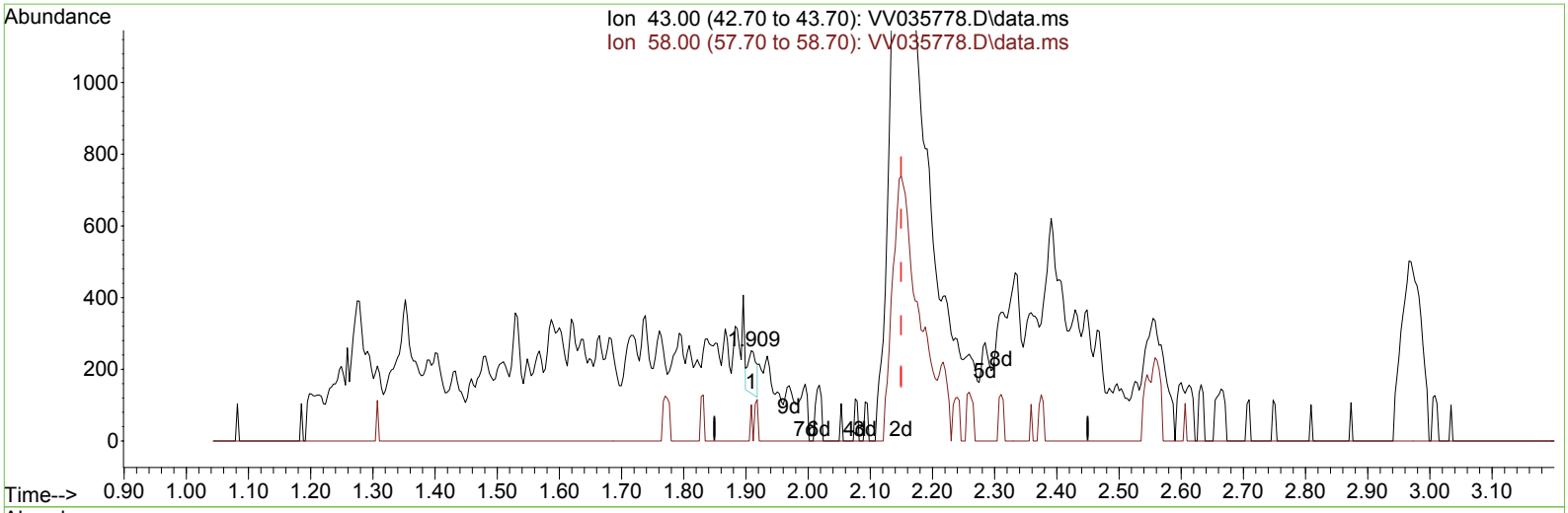
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035778.D
Acq On : 25 May 2024 03:14
Operator : SY/MD
Sample : P2570-21RE
Misc : 5.20g/10.0mL/MSVOA_V/SOIL/VIAL B
ALS Vial : 49 Sample Multiplier: 1

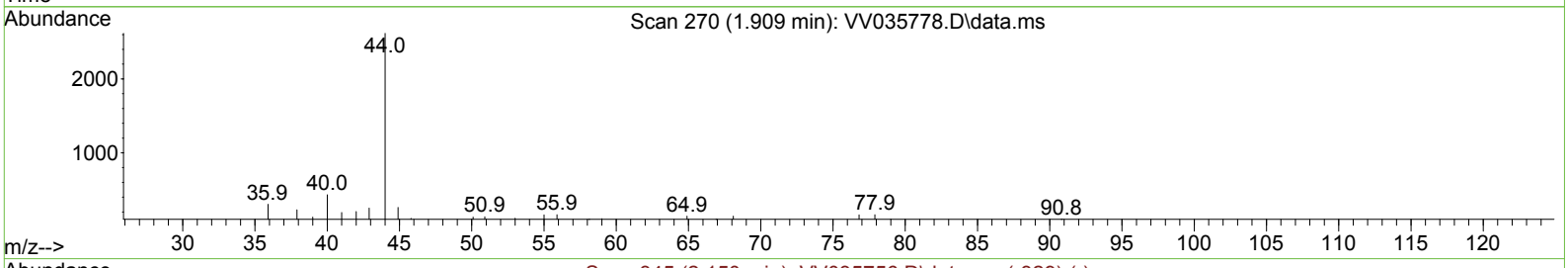
Quant Time: May 25 05:08:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 25 02:41:55 2024
Response via : Initial Calibration

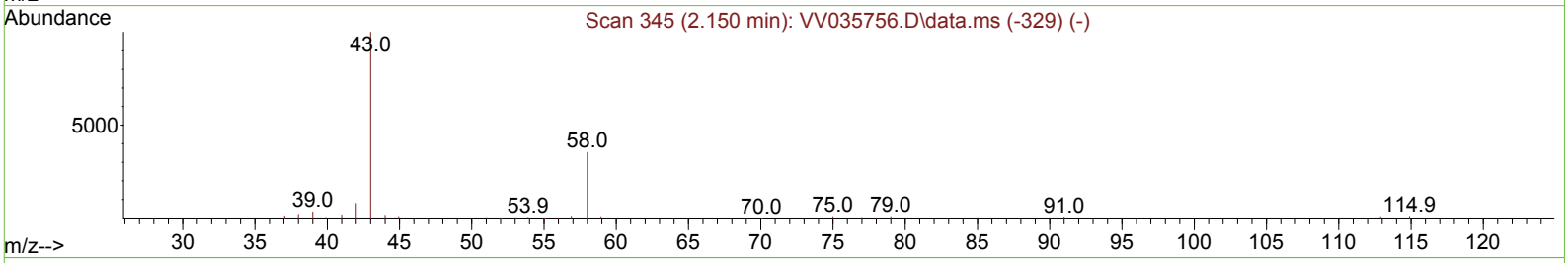
Instrument :
MSVOA_V
ClientSampleId :
BH653RE

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024







TIC: VV035778.D\data.ms

(13) Acetone (T)

1.909min (-0.241) 0.21 ug/L

response 111

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	11.40	17.12
0.00	0.00	0.00
0.00	0.00	0.00

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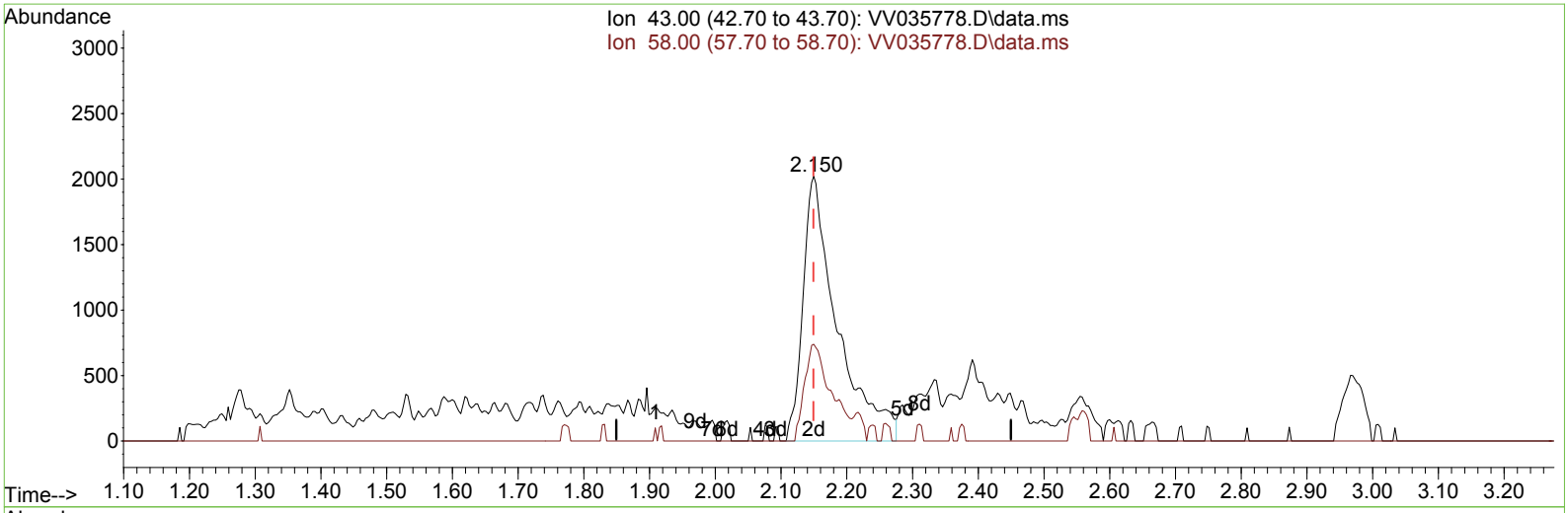

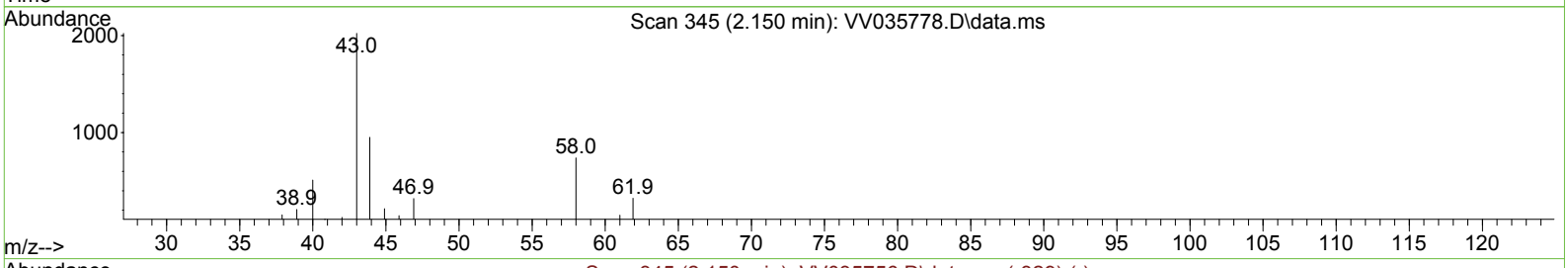

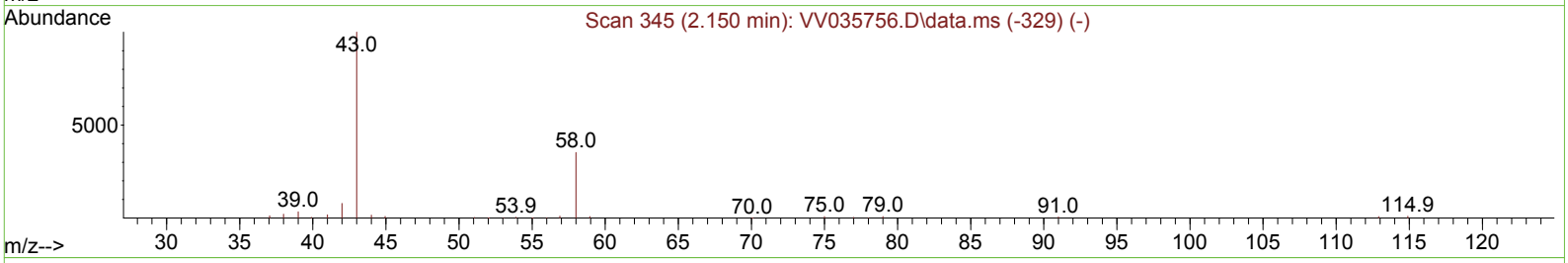

TIC: VV035778.D\data.ms

(13) Acetone (T)

2.150min (+ 0.000) 13.95 ug/L m

response 7303

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	11.40	0.26
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc : 5.20g/10.0mL/MSVOA_V/SOIL/VIAL B
ALS Vial : 49 Sample Multiplier: 1

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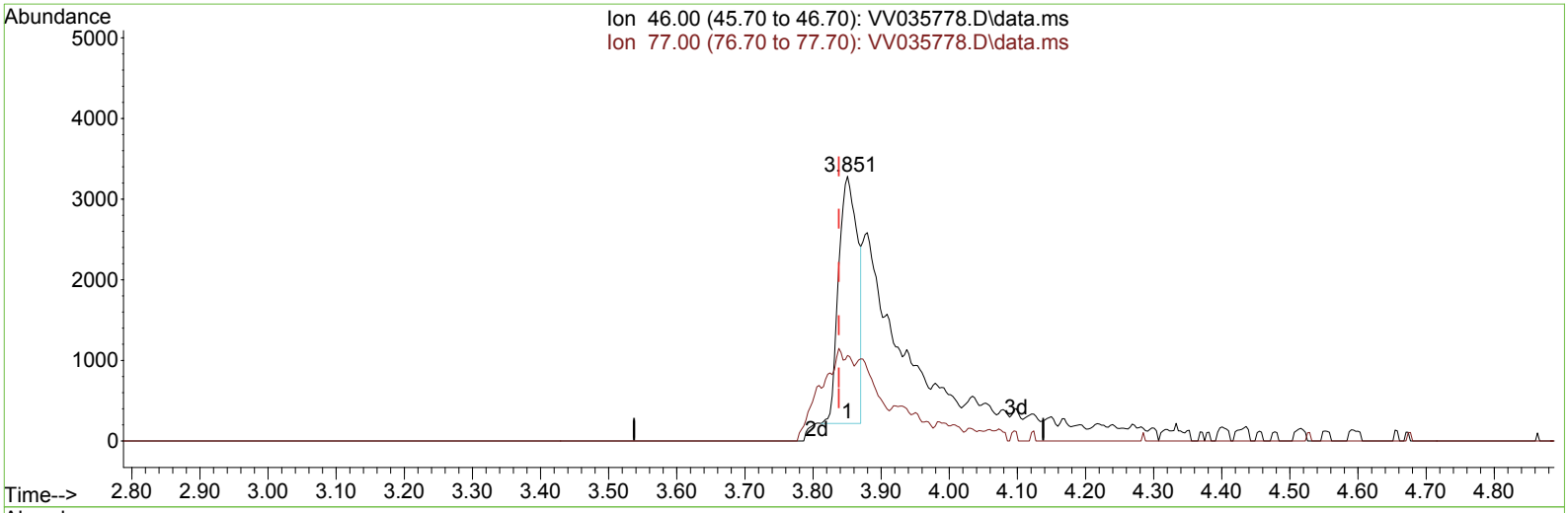

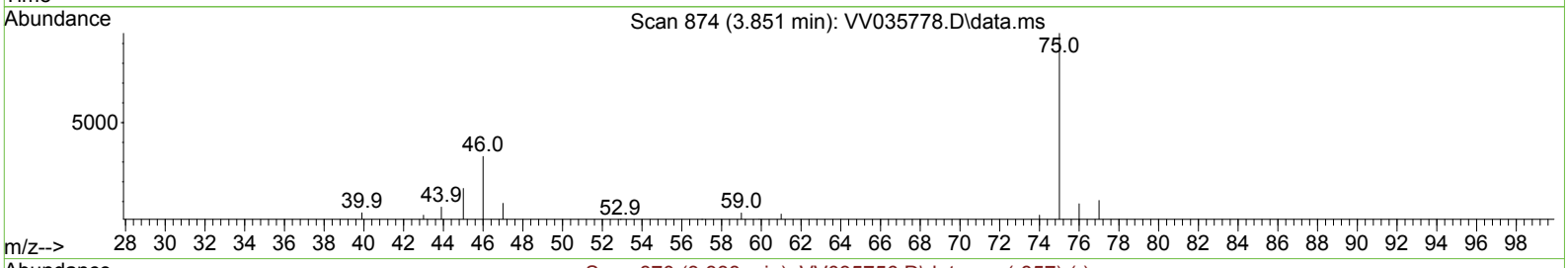

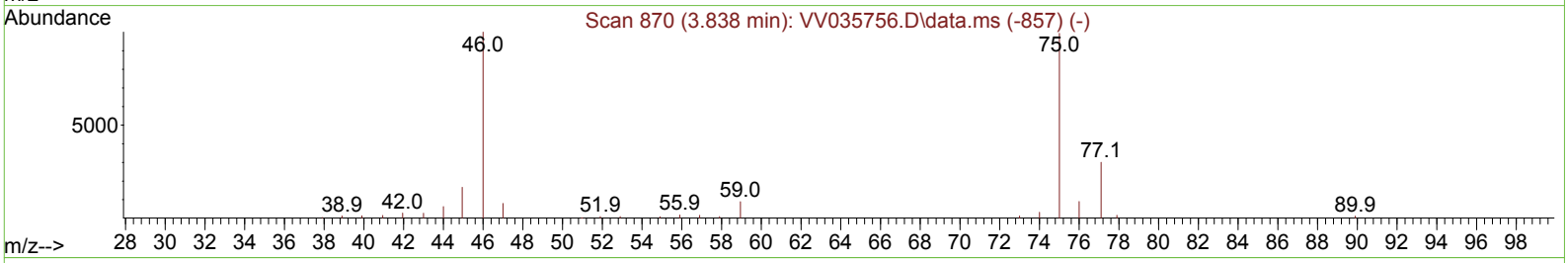

TIC: VV035778.D\data.ms

(21) 2-Butanone-d5 (S)

3.851min (+ 0.013) 16.71 ug/L

response 5978

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	3.88#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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QLast Update : Sat May 25 02:41:55 2024
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Instrument :
MSVOA_V
ClientSampleId :
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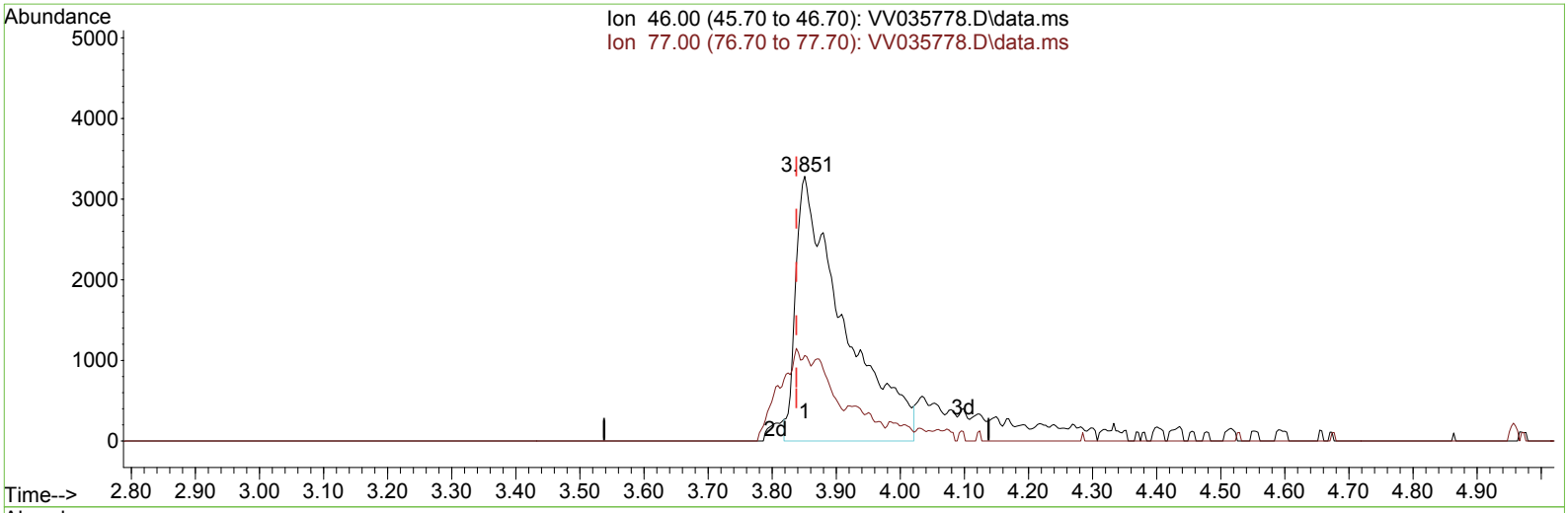

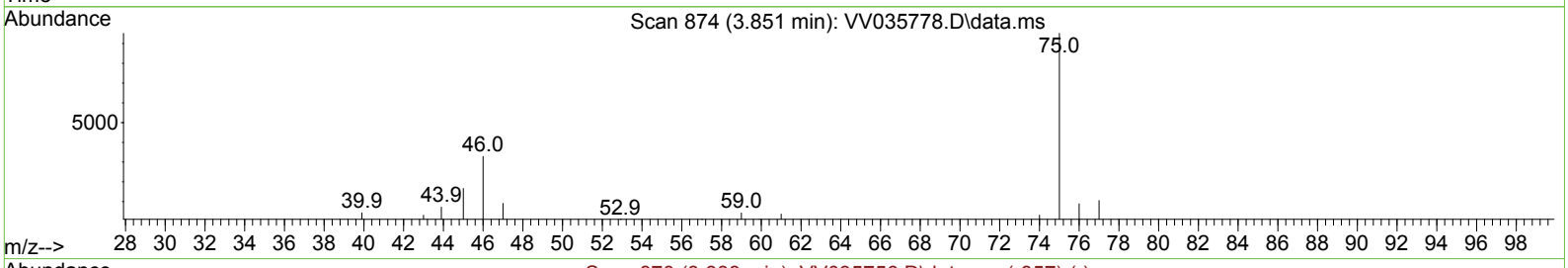

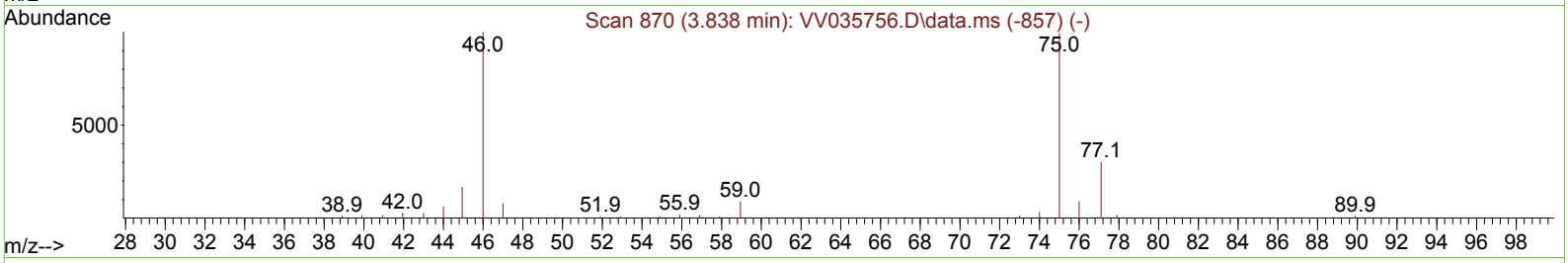

TIC: VV035778.D\data.ms

(21) 2-Butanone-d5 (S)

3.851min (+ 0.013) 47.40 ug/L m

response 16958

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	1.37#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	81556	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	80754	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	25169	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	24811	19.683	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 78.720%			
7) Chloroethane-d5	1.529	69	25285	24.864	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 99.440%			
11) 1,1-Dichloroethene-d2	2.056	65	10884	19.503	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 78.000%			
21) 2-Butanone-d5	3.851	46	16958m	47.404	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 94.800%			
24) Chloroform-d	4.253	84	74009	30.524	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 122.080%			
26) 1,2-Dichloroethane-d4	4.947	65	48883	40.782	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 163.120%#			
32) Benzene-d6	4.963	84	111125	25.139	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.560%			
36) 1,2-Dichloropropane-d6	5.989	67	48454	35.519	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 142.080%#			
41) Toluene-d8	7.246	98	77478	19.693	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.760%			
43) trans-1,3-Dichloroprop...	7.567	79	12178	20.873	ug/L	0.02
Spiked Amount 25.000	Range 30 - 135		Recovery = 83.480%			
47) 2-Hexanone-d5	8.053	63	4050	16.510	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 33.020%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	43727	33.264	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 133.040%#			
66) 1,2-Dichlorobenzene-d4	11.564	152	27860	31.895	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 127.600%#			
Target Compounds						Qvalue
13) Acetone	2.150	43	7303m	13.946	ug/L	
16) Methylene chloride	2.446	84	13686	7.277	ug/L	96

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

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