Quantitation Report (Qedit)

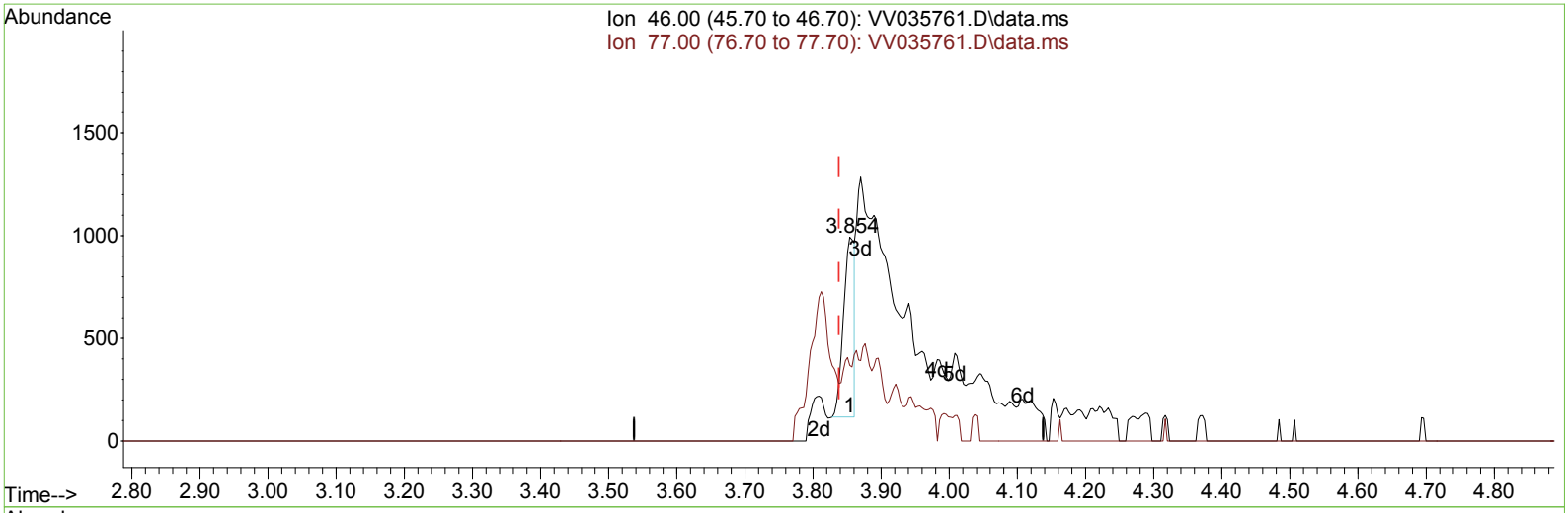
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035761.D
Acq On : 24 May 2024 20:43
Operator : SY/MD
Sample : P2589-03
Misc : 5.65g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 32 Sample Multiplier: 1

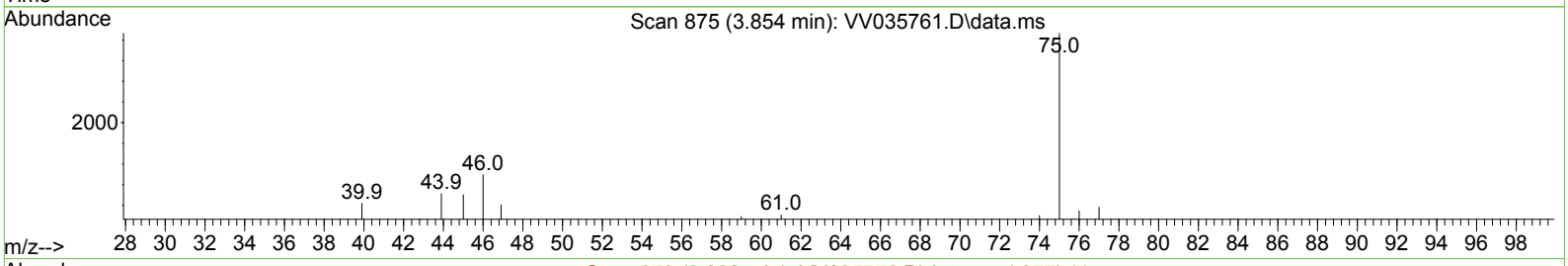
Quant Time: May 25 02:47:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 25 02:41:55 2024
Response via : Initial Calibration

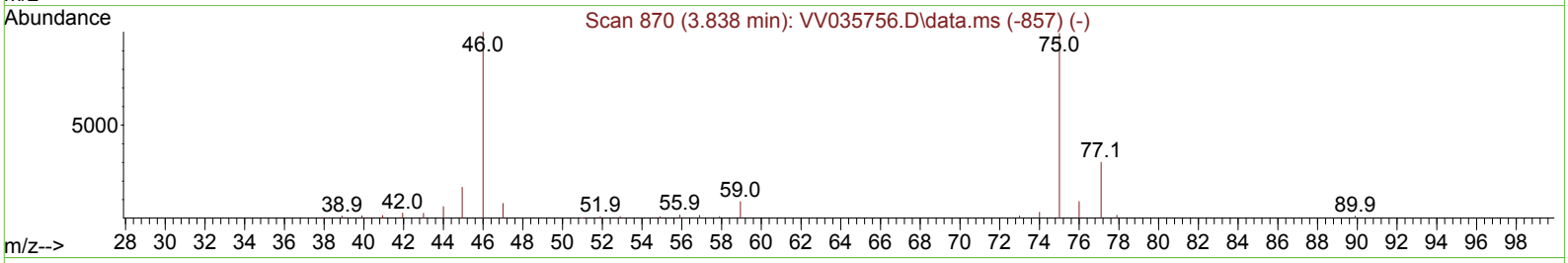
Instrument :
MSVOA_V
ClientSampleId :
BH5W4

Manual IntegrationsAPPROVED

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







TIC: VV035761.D\data.ms

(21) 2-Butanone-d5 (S)

3.854min (+ 0.016) 6.56 ug/L

response 978

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	10.63
0.00	0.00	0.00
0.00	0.00	0.00

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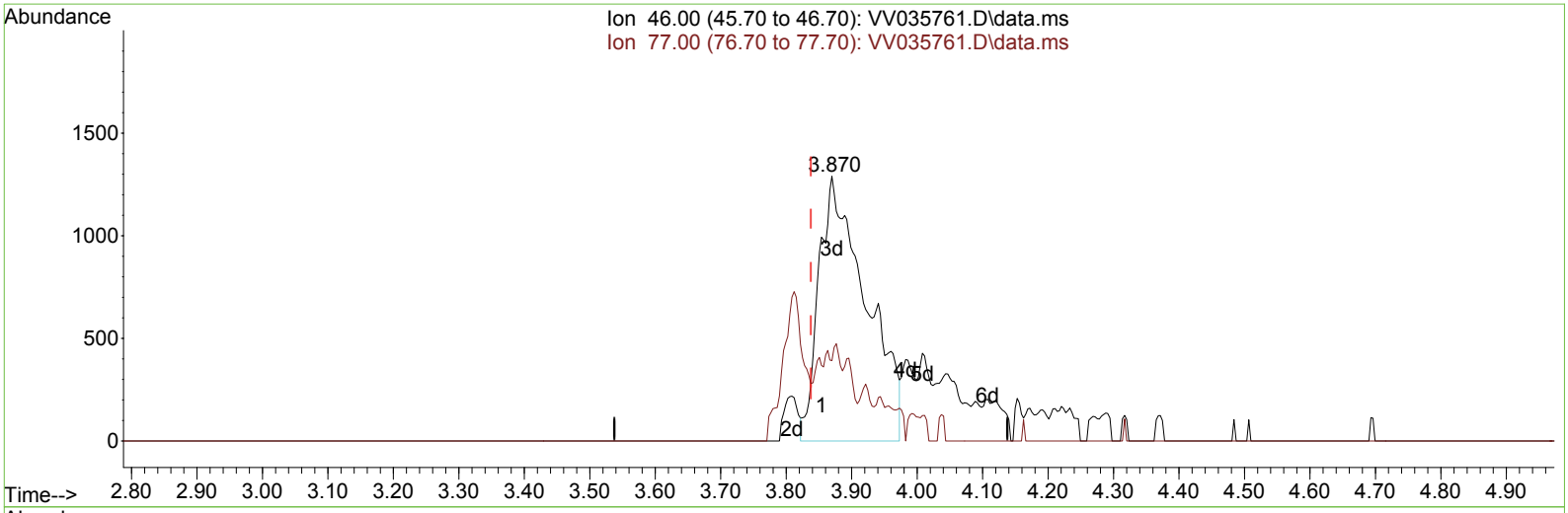

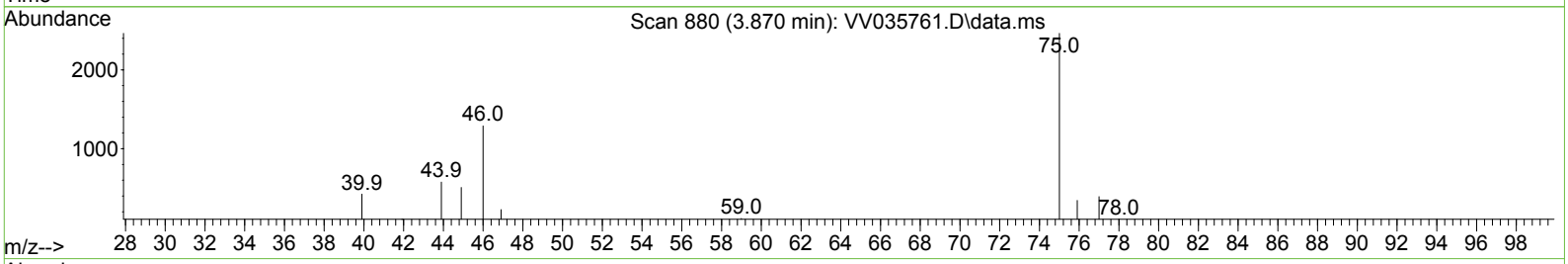

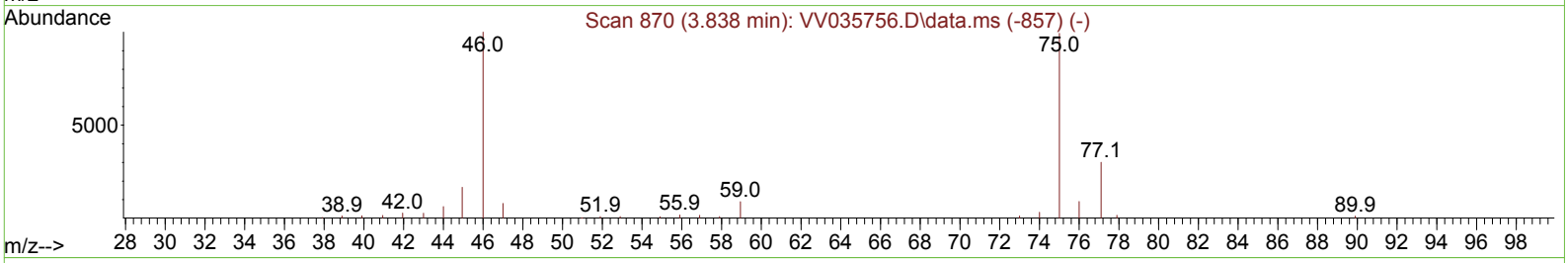

TIC: VV035761.D\data.ms

(21) 2-Butanone-d5 (S)

3.870min (+ 0.032) 43.07 ug/L m

response 6421

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	13.10	1.62#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
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ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId :
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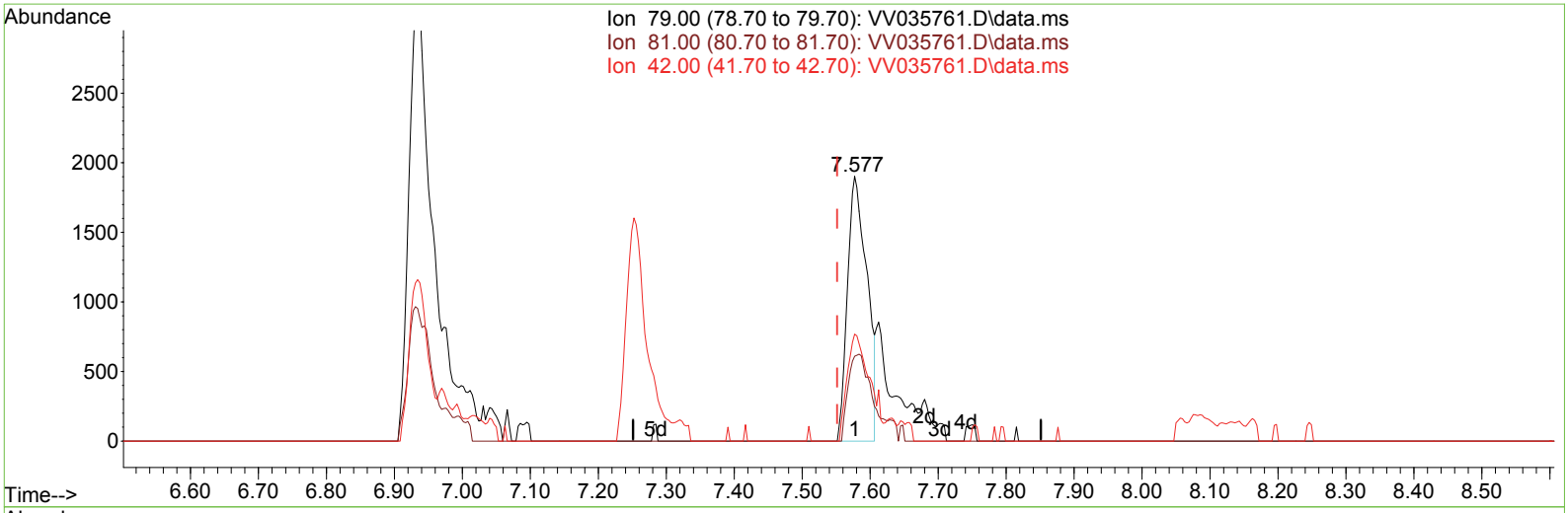

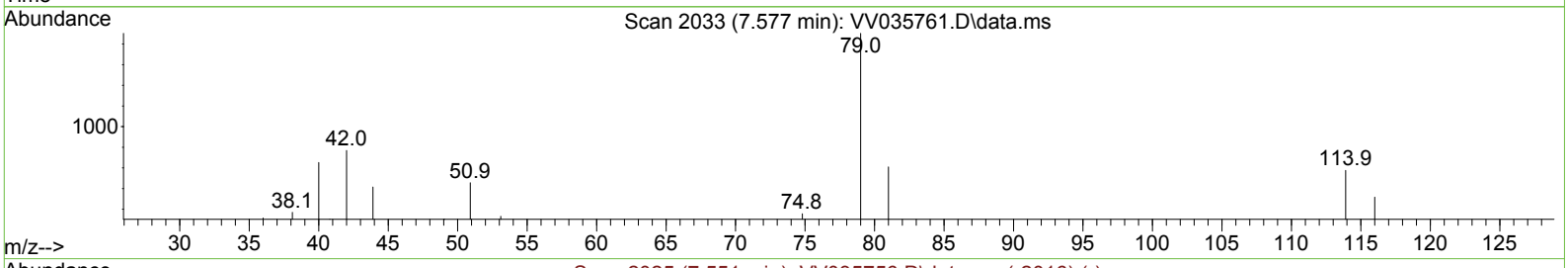

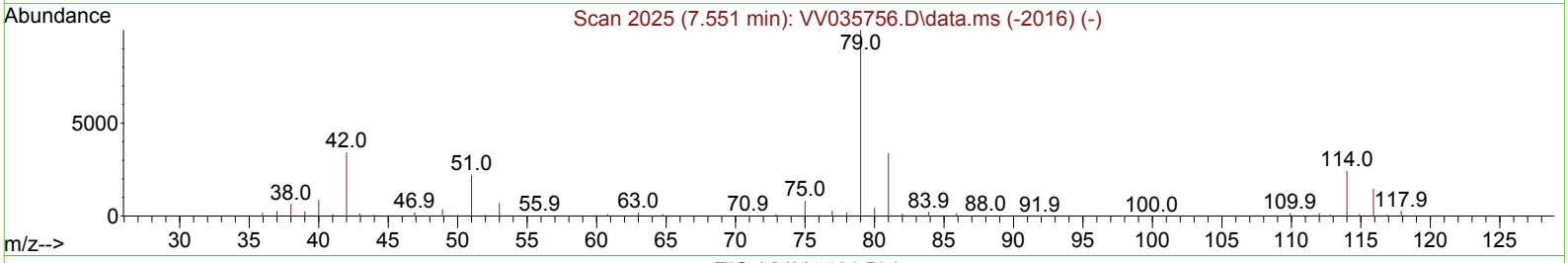

TIC: VV035761.D\data.ms

(43) trans-1,3-Dichloropropene-d4 (S)

7.577min (+ 0.026) 14.72 ug/L

response 3790

Ion	Exp%	Act%
79.00	100.00	100.00
81.00	32.30	40.00
42.00	33.30	43.56#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Quant Title : VOC Analysis
QLast Update : Sat May 25 02:41:55 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
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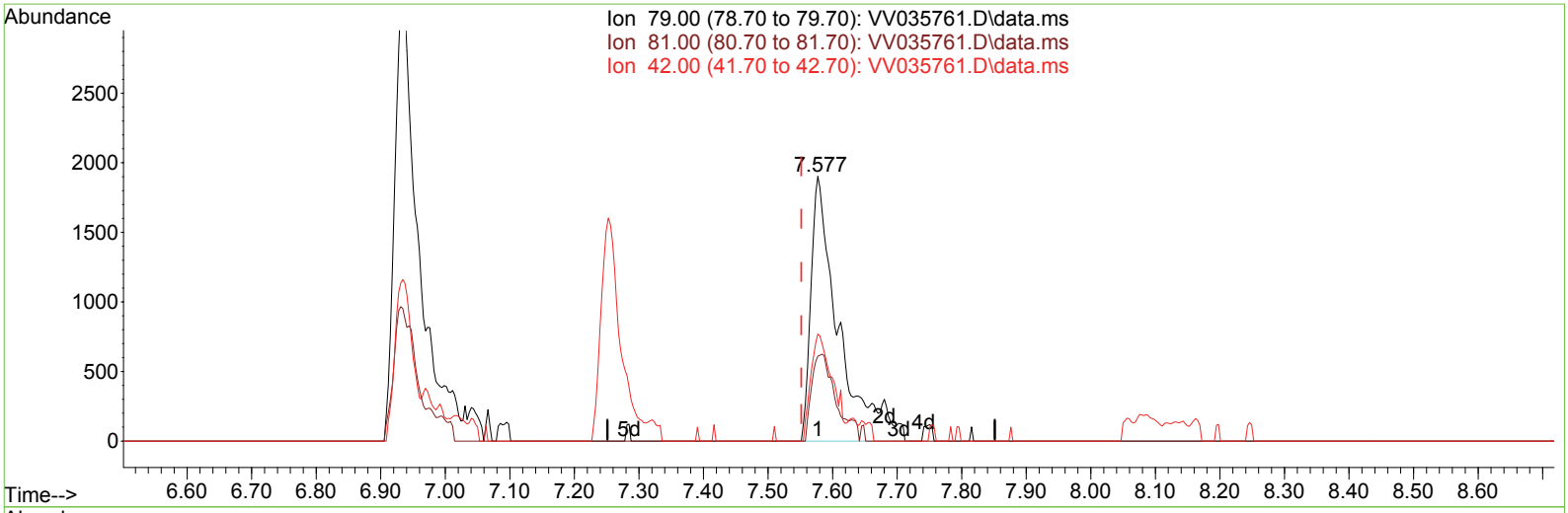

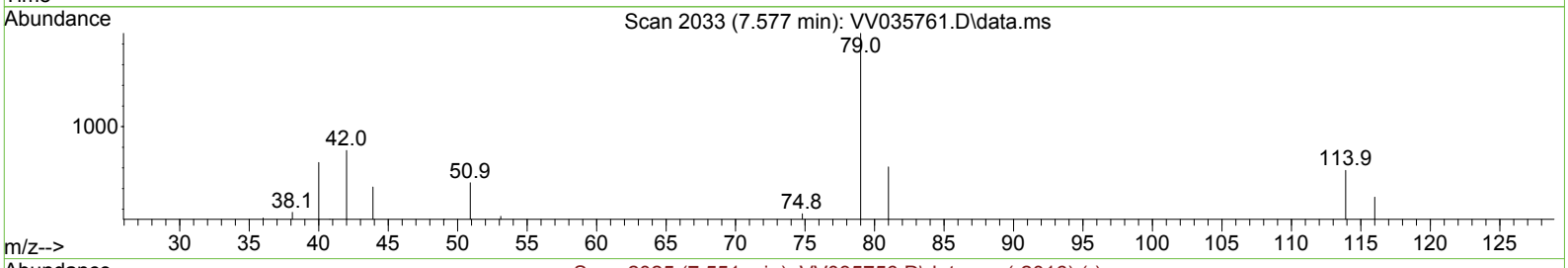

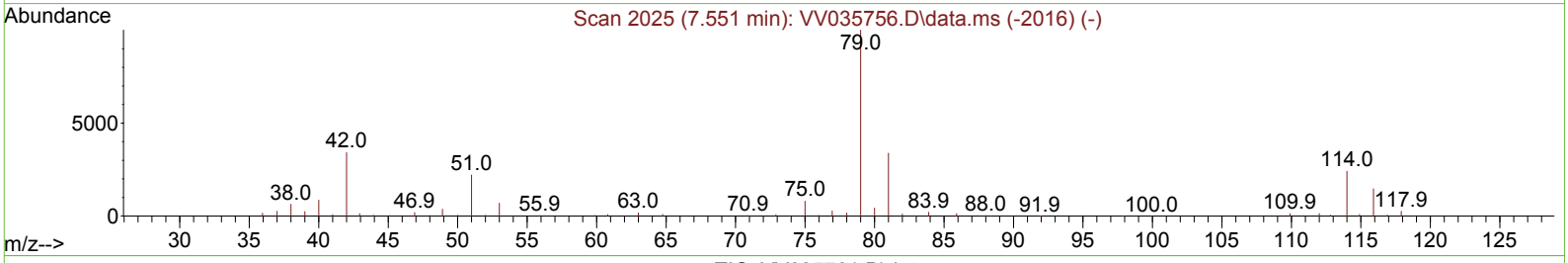

TIC: VV035761.D\data.ms

(43) trans-1,3-Dichloropropene-d4 (S)

7.577min (+ 0.026) 22.04 ug/L m

response 5675

Ion	Exp%	Act%
79.00	100.00	100.00
81.00	32.30	26.71
42.00	33.30	29.09
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	5.548	114	33991	25.000	ug/L	0.02
28) Chlorobenzene-d5	8.793	117	35638	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	14444	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	14352	27.318	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.280%			
7) Chloroethane-d5	1.529	69	12806	30.215	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 120.840%			
11) 1,1-Dichloroethene-d2	2.057	65	5701	24.511	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.040%			
21) 2-Butanone-d5	3.870	46	6421m	43.066	ug/L	0.03
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.140%			
24) Chloroform-d	4.259	84	29000	28.698	ug/L	0.01
Spiked Amount 25.000	Range 40 - 150		Recovery = 114.800%			
26) 1,2-Dichloroethane-d4	4.953	65	17680	35.390	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 141.560%#			
32) Benzene-d6	4.966	84	45146	23.142	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 92.560%			
36) 1,2-Dichloropropane-d6	5.995	67	17921	29.767	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 119.080%			
41) Toluene-d8	7.252	98	30914	17.805	ug/L	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.240%			
43) trans-1,3-Dichloroprop...	7.577	79	5675m	22.041	ug/L	0.03
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.160%			
47) 2-Hexanone-d5	8.066	63	1661	15.343	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery = 30.680%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	14294	24.639	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.560%			
66) 1,2-Dichlorobenzene-d4	11.564	152	10870	21.685	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 86.720%			
Target Compounds						Qvalue
13) Acetone	2.134	43	2699	12.366	ug/L	95
16) Methylene chloride	2.449	84	7326	9.346	ug/L	97

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

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