

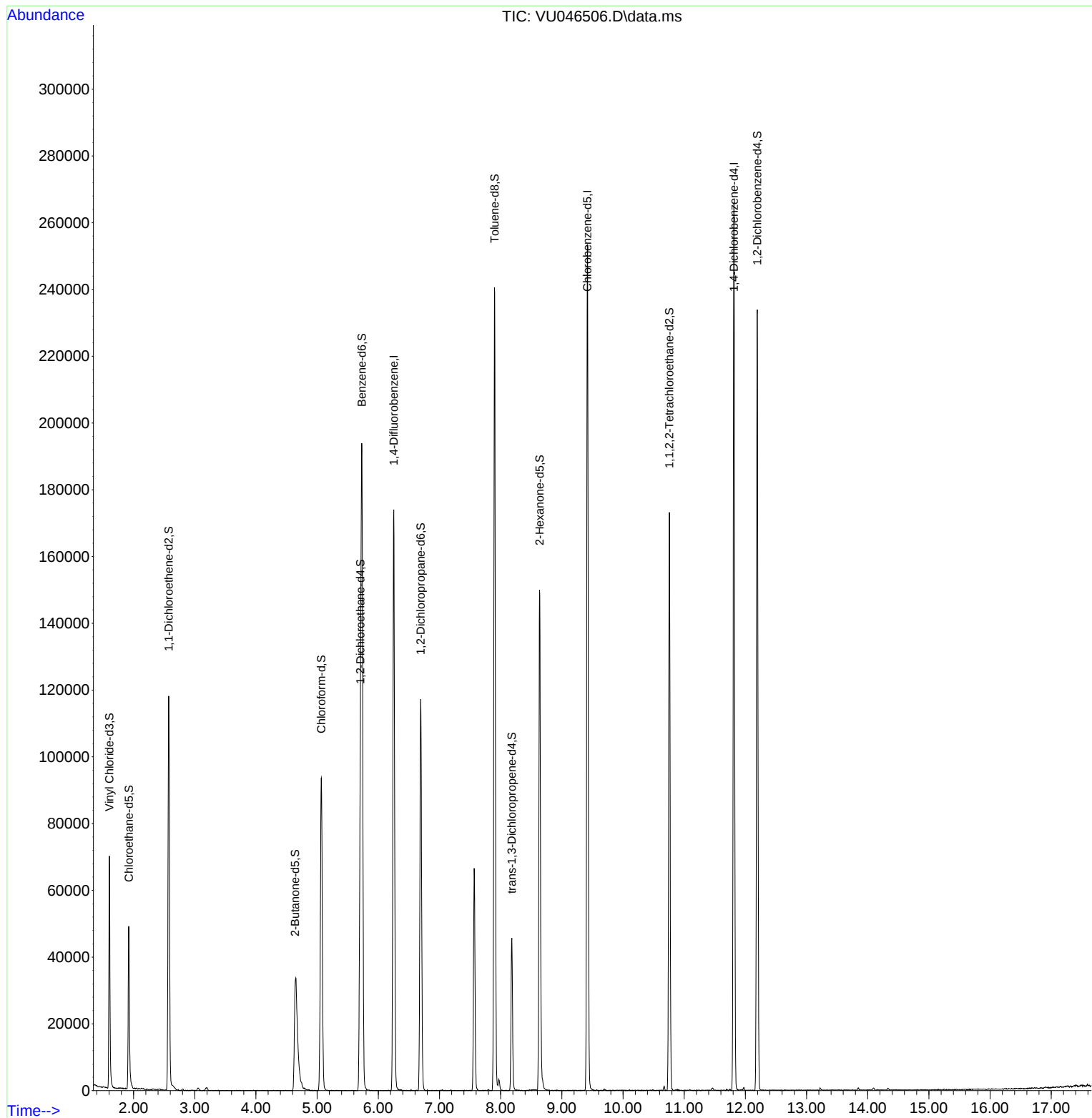
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
Data File : VU046506.D
Acq On : 20 Dec 2021 12:22
Operator : SY/MD
Sample : VU1220WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK074

Manual IntegrationsAPPROVED

Quant Time: Dec 20 15:46:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 20 00:25:10 2021
Response via : Initial Calibration

Reviewed By :Amit Patel 12/24/2021
Supervised By :Mahesh Dadoda 12/27/2021



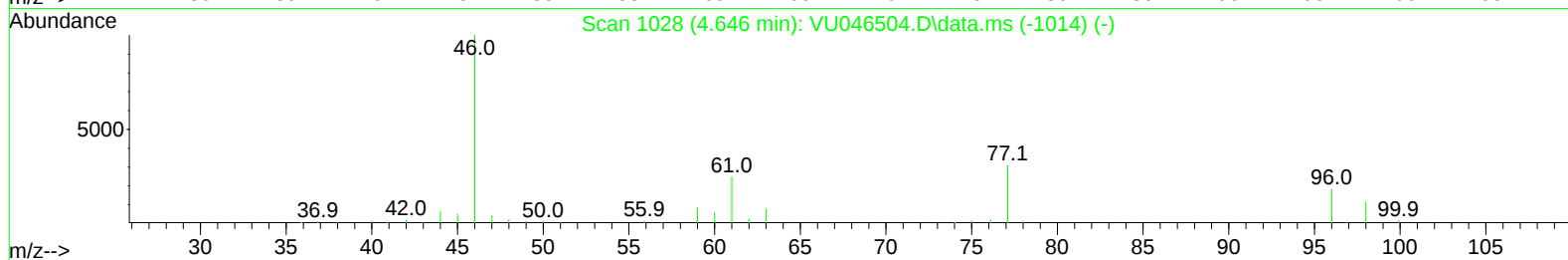
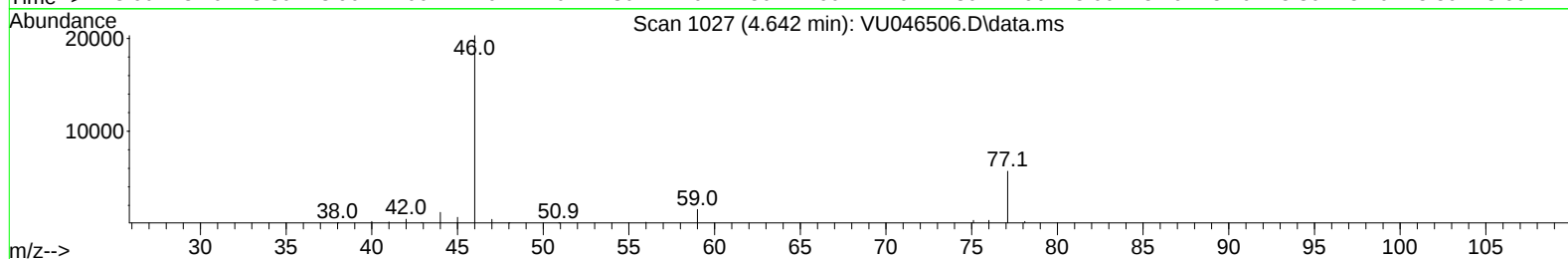
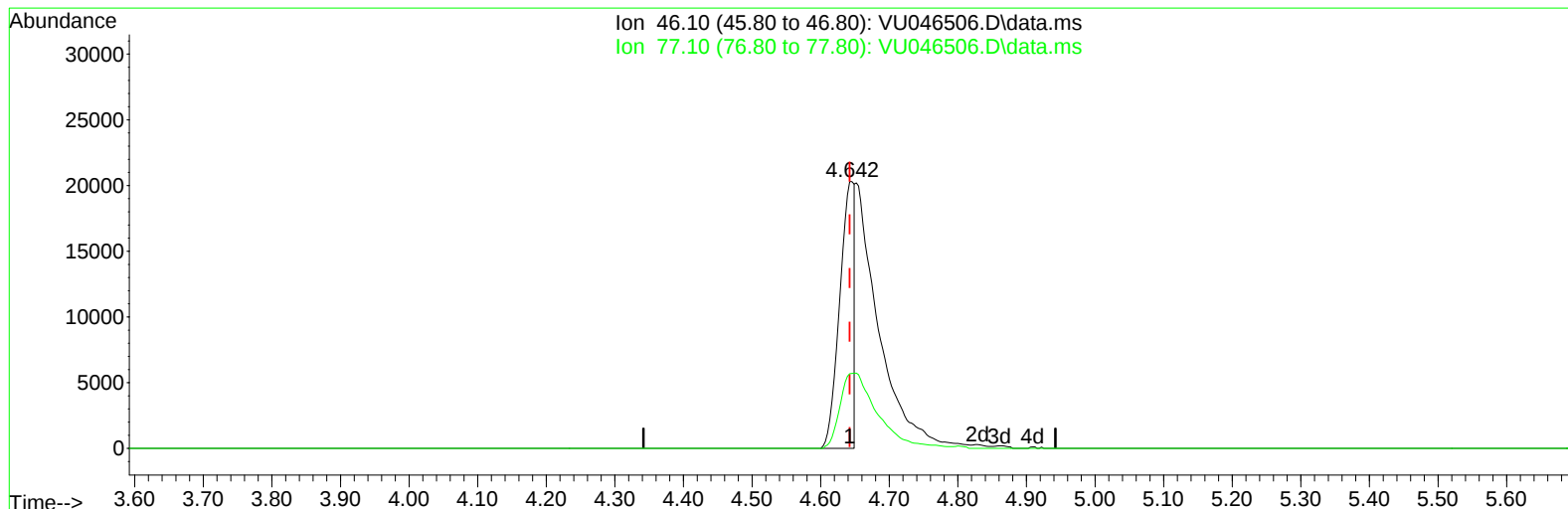
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046506.D
 Acq On : 20 Dec 2021 12:22
 Operator : SY/MD
 Sample : VU1220WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK074

Manual IntegrationsAPPROVED

Quant Time: Jan 04 08:09:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

Reviewed By :Amit Patel 12/24/2021
 Supervised By :Mahesh Dadoda 12/27/2021



TIC: VU046506.D\data.ms

(21) 2-Butanone-d5 (S)

4.642min (+ 0.000) 32.65 ug/L

response 30134

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.40	70.49#
0.00	0.00	0.00
0.00	0.00	0.00

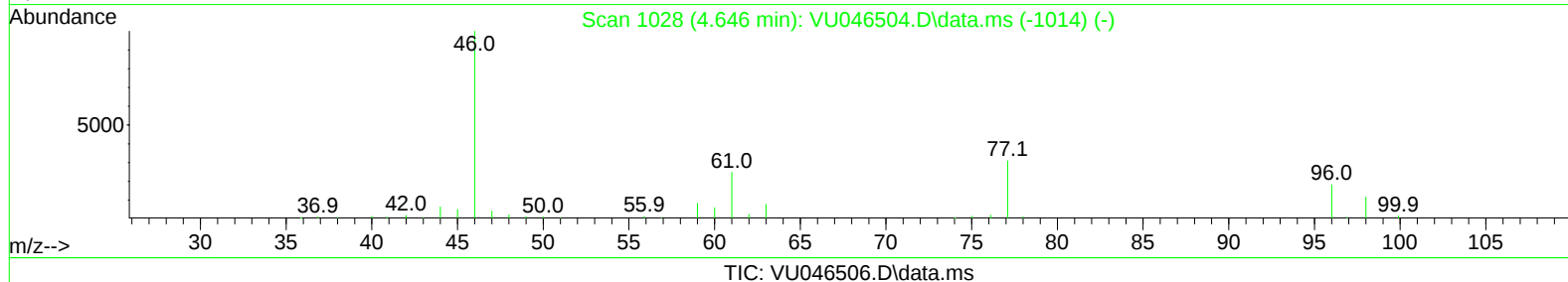
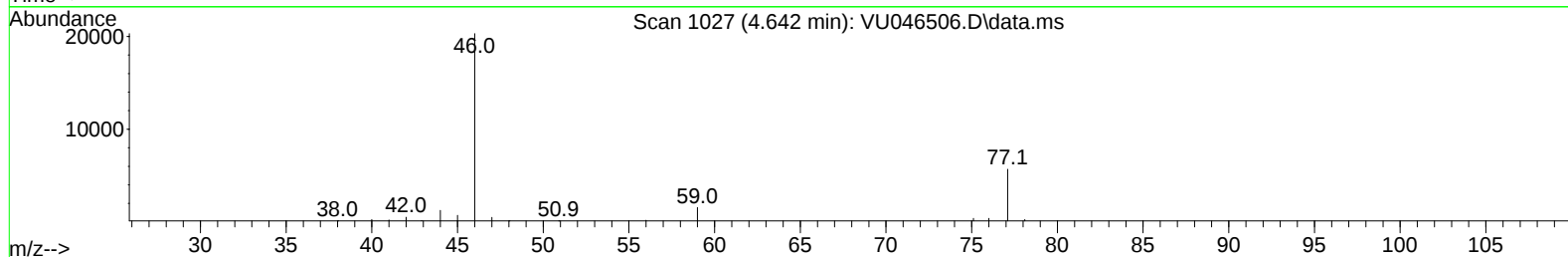
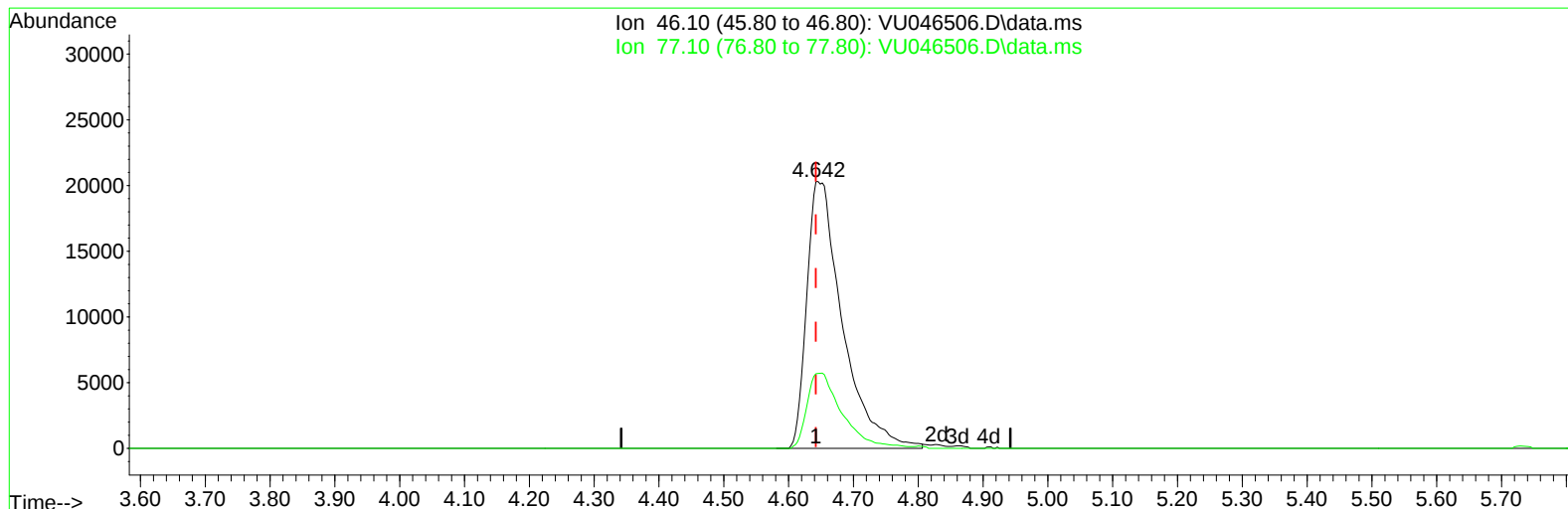
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
Data File : VU046506.D
Acq On : 20 Dec 2021 12:22
Operator : SY/MD
Sample : VU1220WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK074

Manual IntegrationsAPPROVED

Reviewed By :Amit Patel 12/24/2021
Supervised By :Mahesh Dadoda 12/27/2021

Quant Time: Dec 20 15:46:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 20 00:25:10 2021
Response via : Initial Calibration



TIC: VU046506.D\data.ms

(21) 2-Butanone-d5 (S)

4.642min (+ 0.000) 84.21 ug/L m

response 77709

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.40	27.33
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122021\
 Data File : VU046506.D
 Acq On : 20 Dec 2021 12:22
 Operator : SY/MD
 Sample : VU1220WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK074

Manual IntegrationsAPPROVED

Quant Time: Dec 20 15:46:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 20 00:25:10 2021
 Response via : Initial Calibration

Reviewed By :Amit Patel 12/24/2021
 Supervised By :Mahesh Dadoda 12/27/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	140924	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	141627	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70003	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53912	46.441	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.880%		
7) Chloroethane-d5	1.922	69	40511	45.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.900%		
11) 1,1-Dichloroethene-d2	2.575	63	71740	34.425	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.840%		
21) 2-Butanone-d5	4.642	46	77709m	84.208	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	84.210%		
24) Chloroform-d	5.070	84	90763	46.819	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.640%		
26) 1,2-Dichloroethane-d4	5.707	65	61367	47.169	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.340%		
32) Benzene-d6	5.732	84	181782	44.782	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.560%		
36) 1,2-Dichloropropane-d6	6.694	67	55330	43.981	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.960%		
41) Toluene-d8	7.899	98	160195	43.343	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.680%		
43) trans-1,3-Dichloroprop...	8.182	79	26298	43.303	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.600%		
47) 2-Hexanone-d5	8.636	63	56816	95.252	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.250%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	81950	42.954	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.900%		
66) 1,2-Dichlorobenzene-d4	12.195	152	60927	45.194	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.380%		

Target Compounds Qvalue

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