

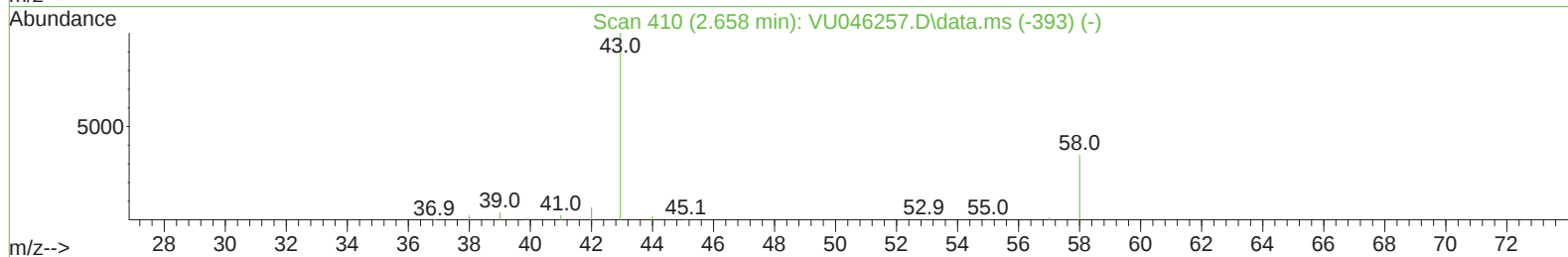
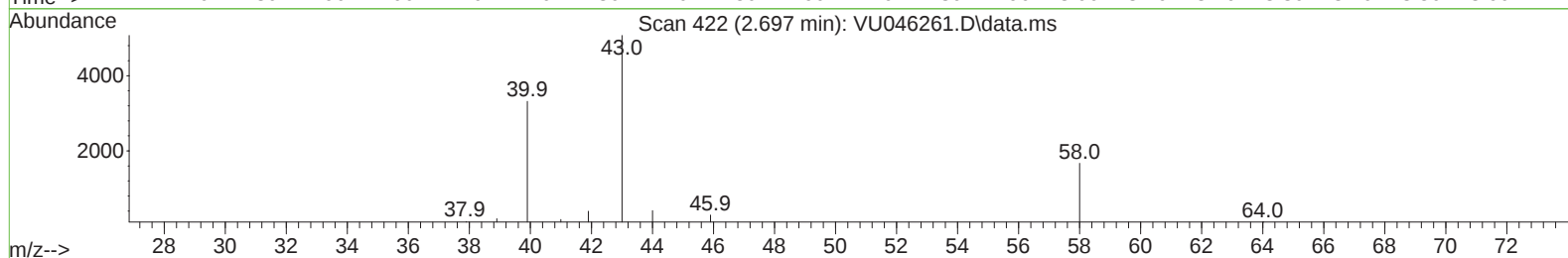
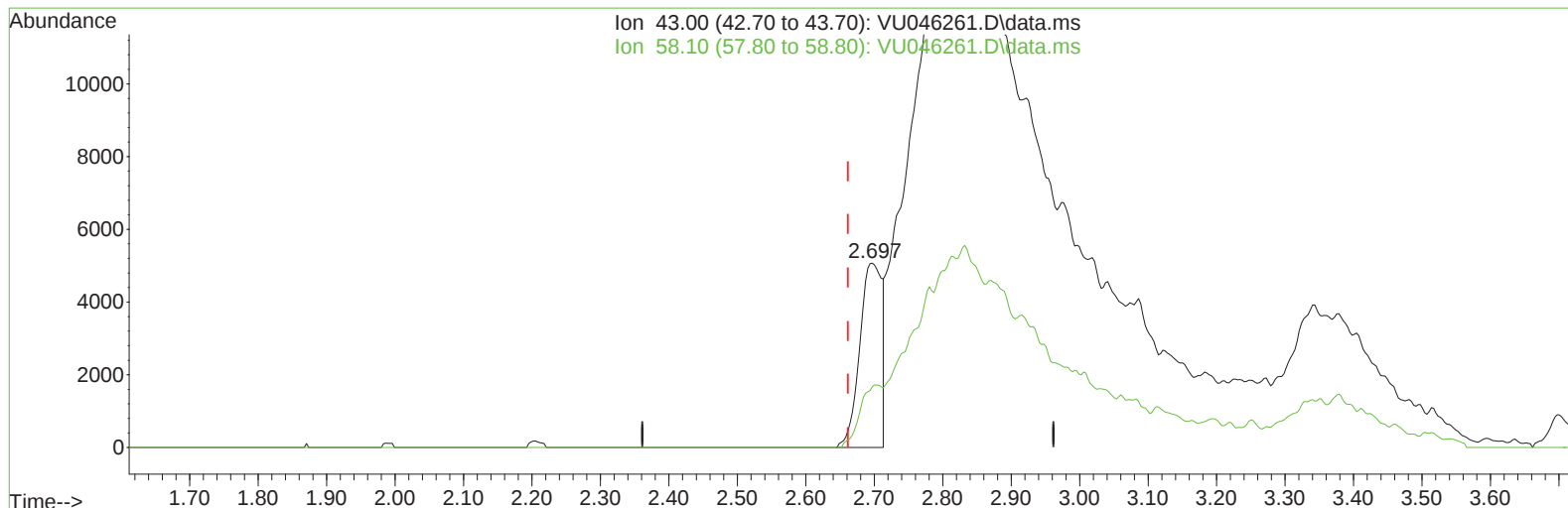
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046261.D
Acq On : 10 Dec 2021 13:18
Operator : SY/MD
Sample : M4943-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 12/15/2021
Supervised By :Semsettin Yesilyurt 12/15/2021

Quant Time: Dec 10 22:24:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration



TIC: VU046261.D\data.ms

(13) Acetone (T)

2.697min (+ 0.035) 6.86 ug/L

response 11514

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	33.40	34.20
0.00	0.00	0.00
0.00	0.00	0.00

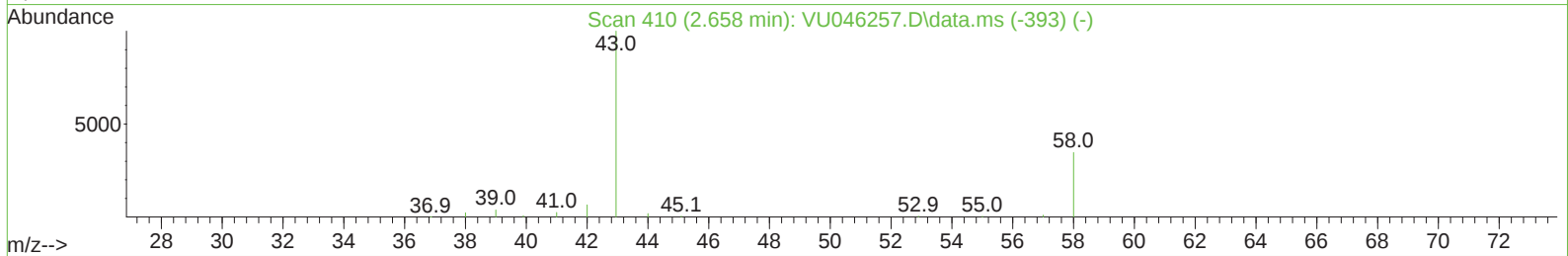
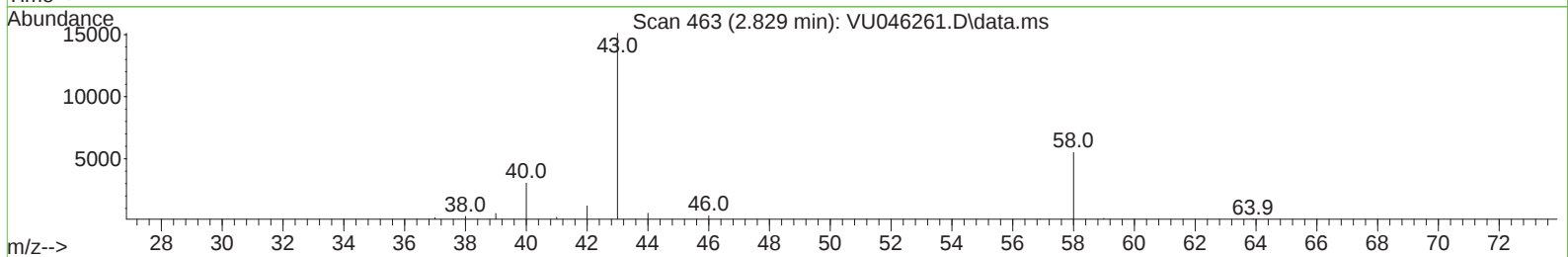
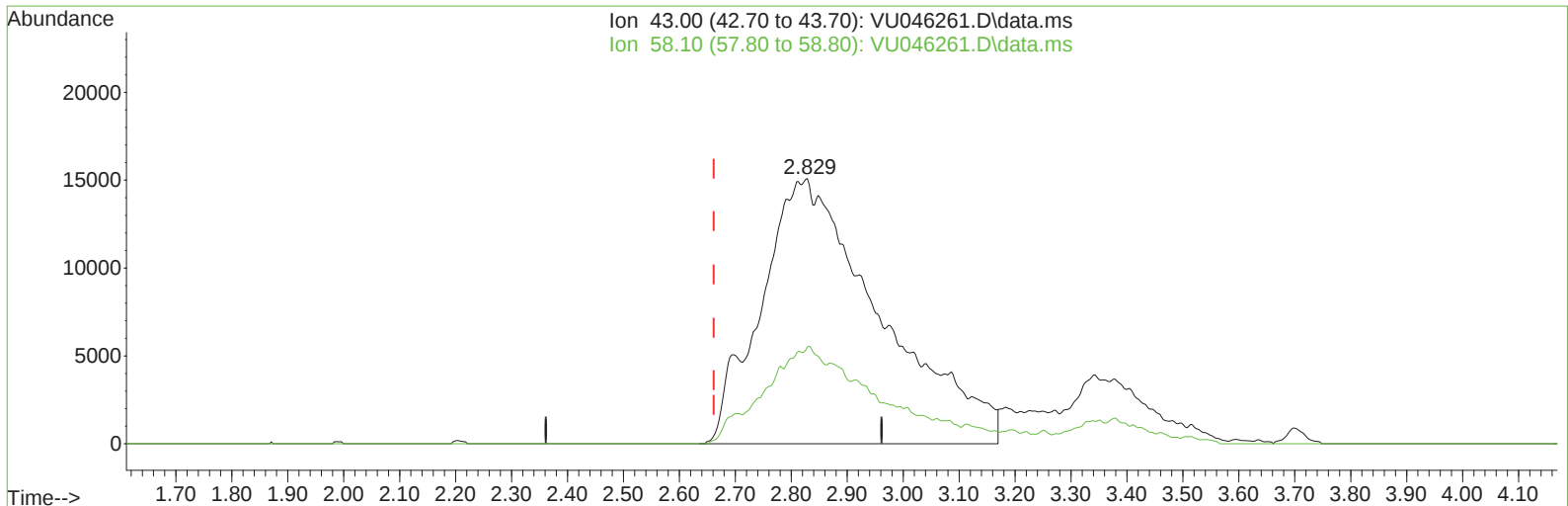
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(13) Acetone (T)

2.829min (+ 0.167) 133.38 ug/L m

response 223886

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	33.40	1.76
0.00	0.00	0.00
0.00	0.00	0.00

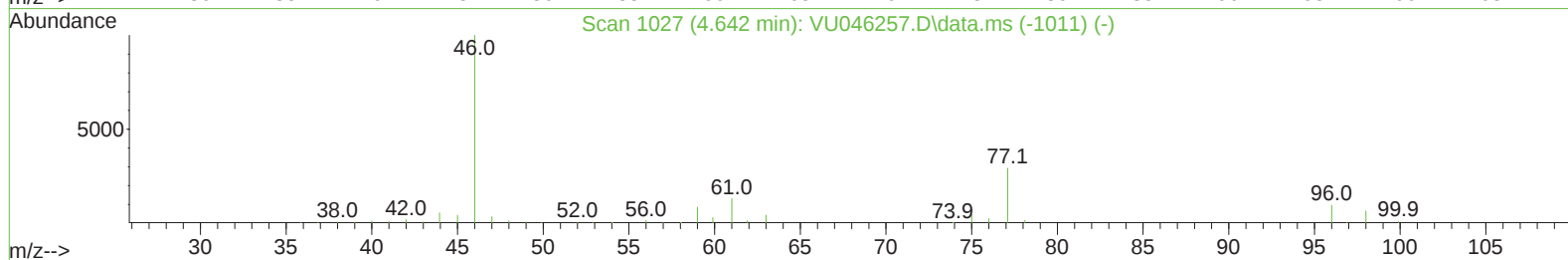
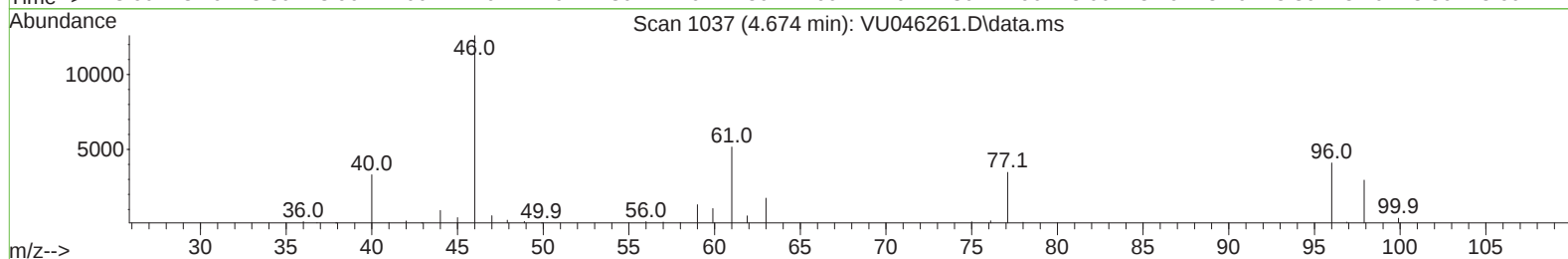
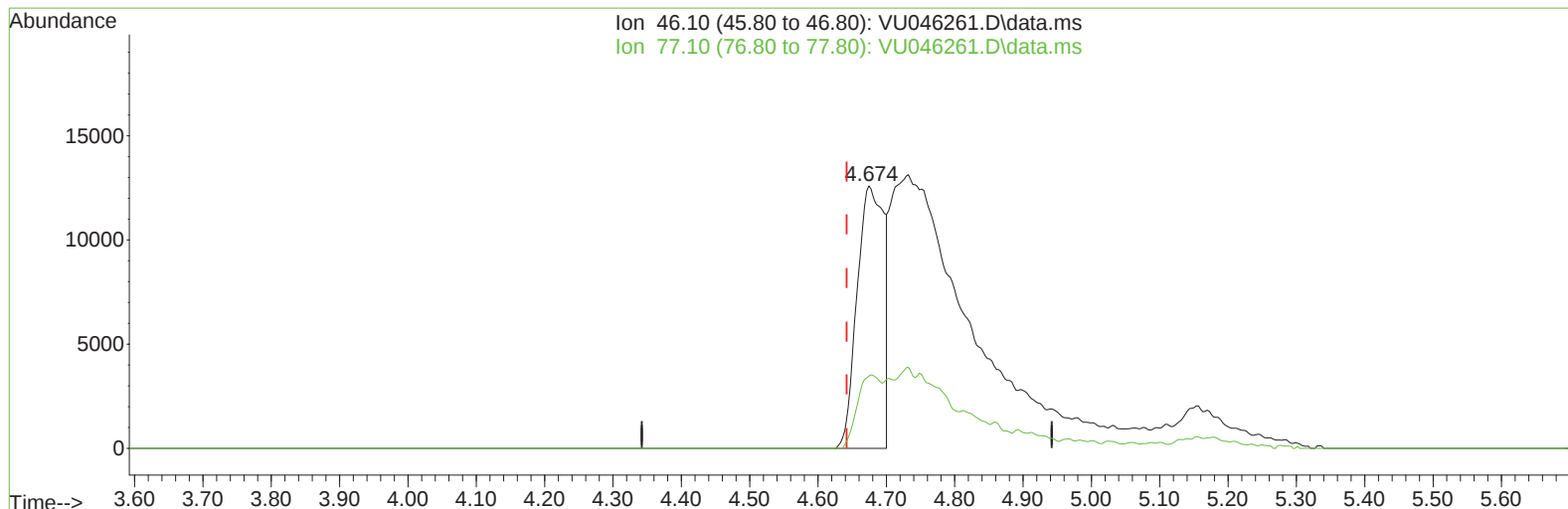
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TIC: VU046261.D\data.ms

(21) 2-Butanone-d5 (S)

4.674min (+ 0.032) 25.71 ug/L

response 34535

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.40	24.31
0.00	0.00	0.00
0.00	0.00	0.00

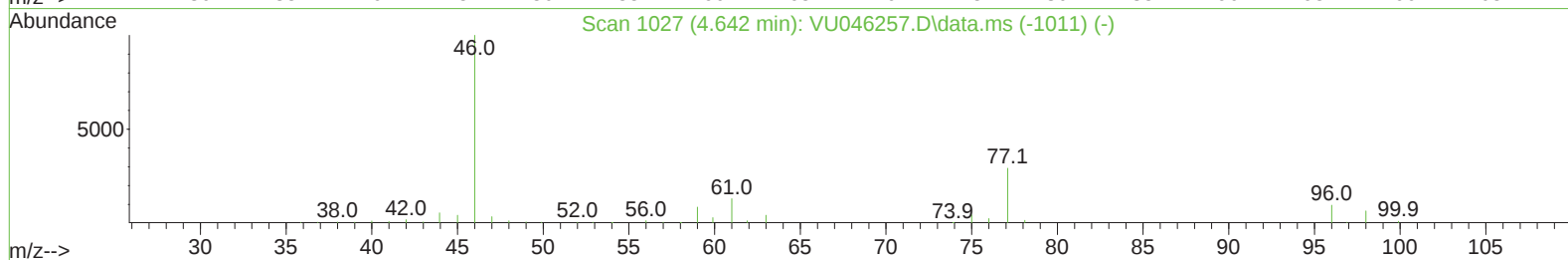
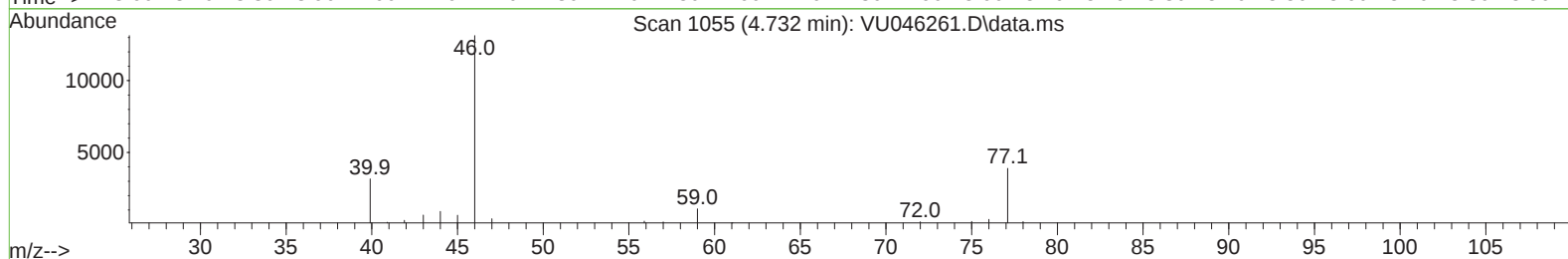
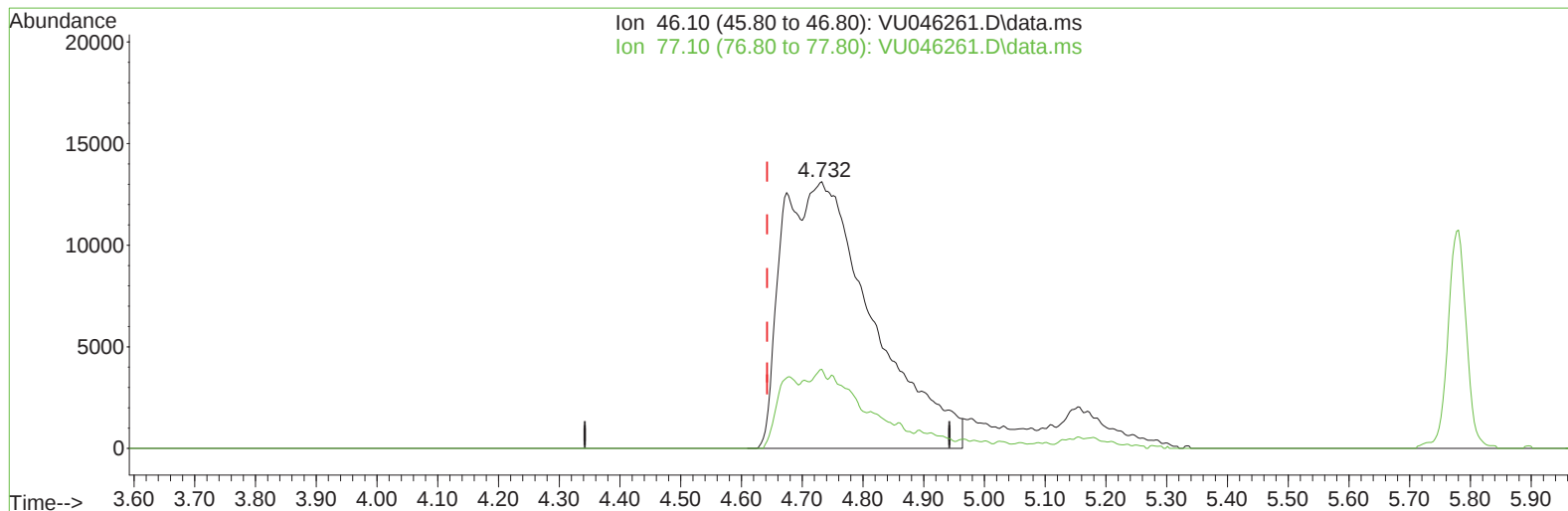
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TIC: VU046261.D\data.ms

(21) 2-Butanone-d5 (S)

4.732min (+ 0.090) 101.46 ug/L m

response 136269

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.40	6.16#
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	6.253	114	205101	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	220840	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	143548	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	76770	45.439	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	90.880%	
7) Chloroethane-d5	1.916	69	60188	46.398	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	92.800%	
11) 1,1-Dichloroethene-d2	2.568	63	117966	38.894	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	77.780%	
21) 2-Butanone-d5	4.732	46	136269m	101.460	ug/L	0.09
Spiked Amount 100.000	Range 40	- 130	Recovery	=	101.460%	
24) Chloroform-d	5.070	84	141689	50.219	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	100.440%	
26) 1,2-Dichloroethane-d4	5.706	65	104789	55.342	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	110.680%	
32) Benzene-d6	5.732	84	322846	51.005	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.020%	
36) 1,2-Dichloropropane-d6	6.697	67	102181	52.089	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	104.180%	
41) Toluene-d8	7.899	98	299187	51.914	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	103.820%	
43) trans-1,3-Dichloroprop...	8.182	79	52793	55.750	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	111.500%	
47) 2-Hexanone-d5	8.642	63	120664	129.732	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	129.730%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	182640	61.393	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	122.780%#	
66) 1,2-Dichlorobenzene-d4	12.198	152	141091	51.037	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	102.080%	
Target Compounds						
					Qvalue	
13) Acetone	2.829	43	223886m	133.380	ug/L	
20) cis-1,2-Dichloroethene	4.674	96	9399	5.772	ug/L	98
25) Chloroform	5.096	83	20963	6.914	ug/L	97
29) Cyclohexane	5.372	56	5253	2.043	ug/L #	36
33) Benzene	5.780	78	96776	14.479	ug/L	100
35) Methylcyclohexane	6.764	83	14391	5.271	ug/L	90
40) 4-Methyl-2-pentanone	7.800	43	3451	1.341	ug/L	98
42) Toluene	7.973	91	1420982	198.127	ug/L	99
51) Chlorobenzene	9.449	112	38915	8.387	ug/L	97
52) Ethylbenzene	9.574	91	3682134	477.040	ug/L	99
53) m,p-Xylene	9.700	106	4032671	1339.674	ug/L	100
54) o-xylene	10.105	106	1393111	476.950	ug/L	99
61) Isopropylbenzene	10.488	105	608132	65.112	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	1769156	227.256	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	5907100	758.424	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	62078	13.895	ug/L #	80
70) 1,2,4-trichlorobenzene	13.844	180	34408	11.995	ug/L #	72

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

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

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