Quantitation Report (Qedit)

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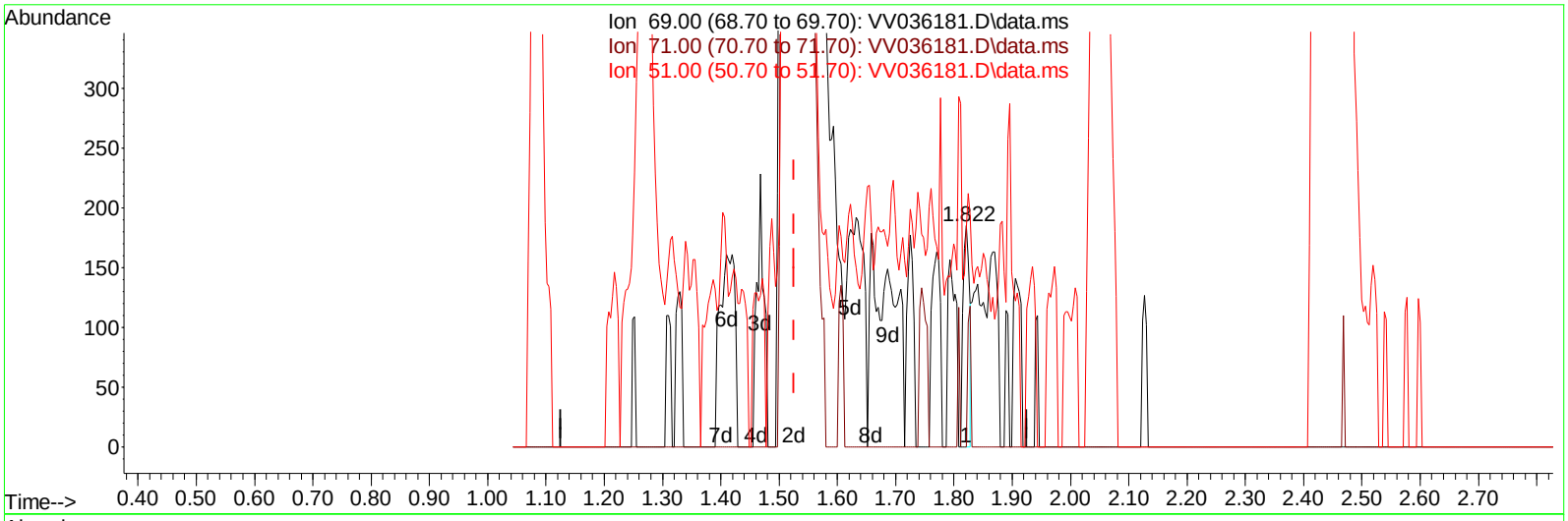
Acq On : 20 Jun 2024 23:15
Operator : SY/MD
Sample : P2962-09
Misc : 5.10g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 37 Sample Multiplier: 1

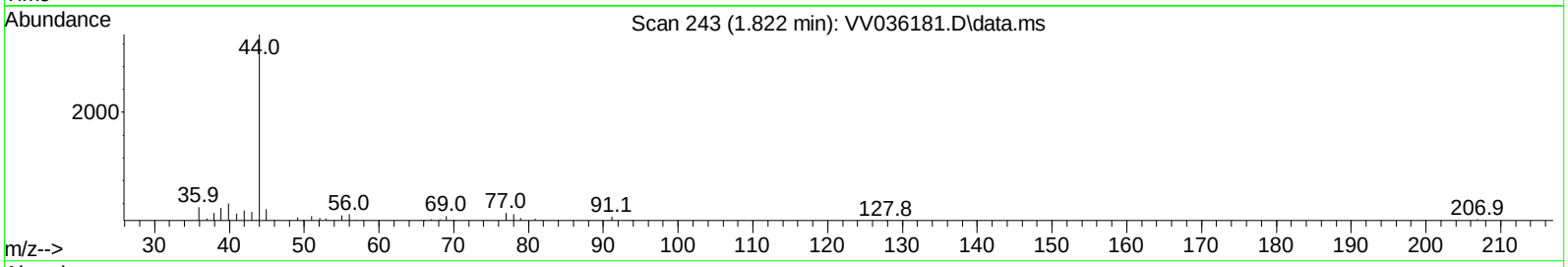
Quant Time: Jun 21 05:14:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration

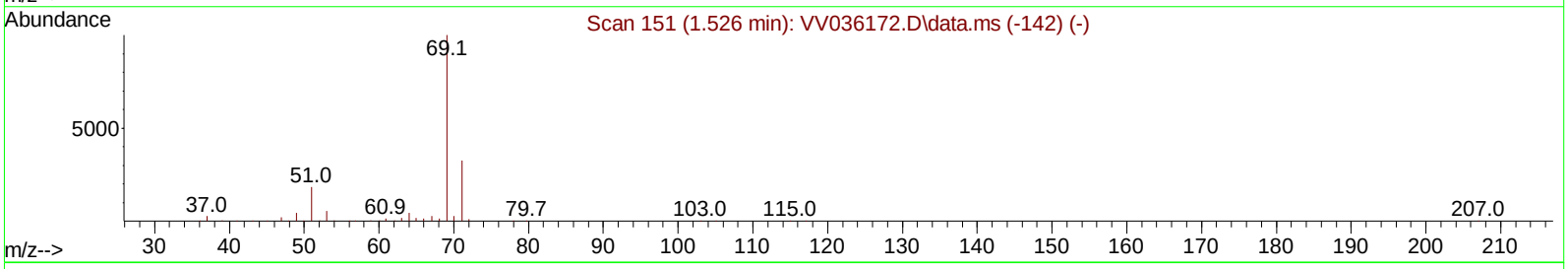
Instrument :
MSVOA_V
ClientSampleId :
C0T81

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 06/22/2024
Supervised By :Semsettin Yesilyurt 06/22/2024







TIC: VV036181.D\data.ms

(7) Chloroethane-d5 (S)

1.822min (+ 0.296) 0.03 ug/L

response 143

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.90	30.07
51.00	26.70	30.07
0.00	0.00	0.00

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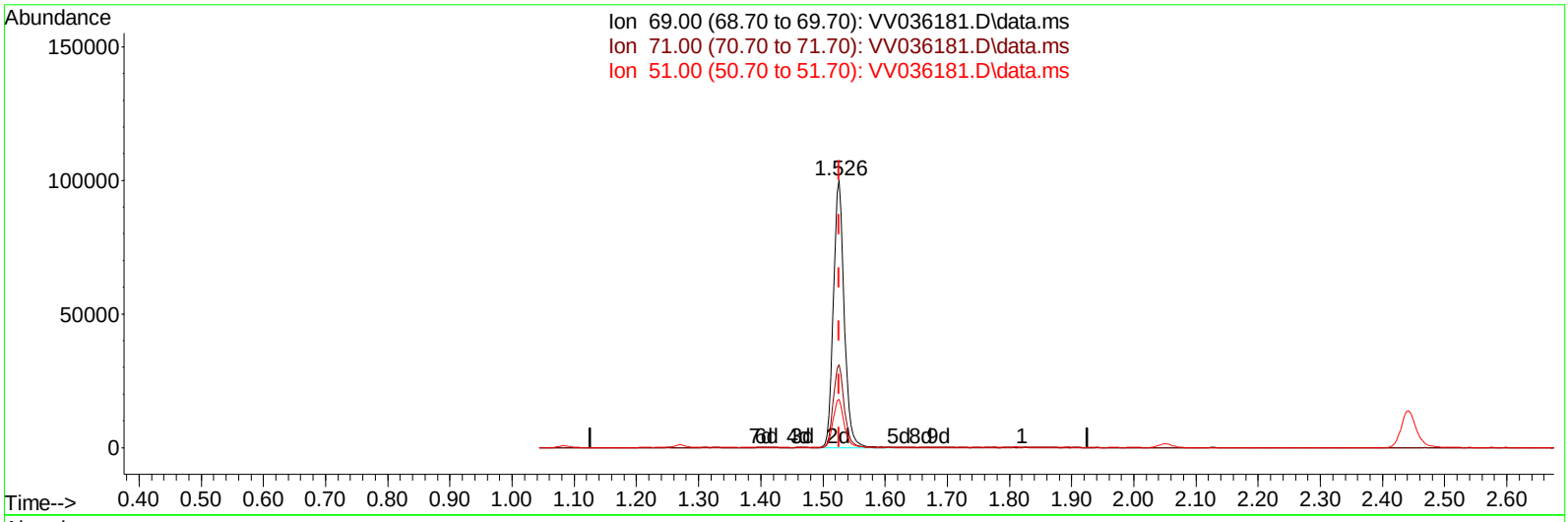

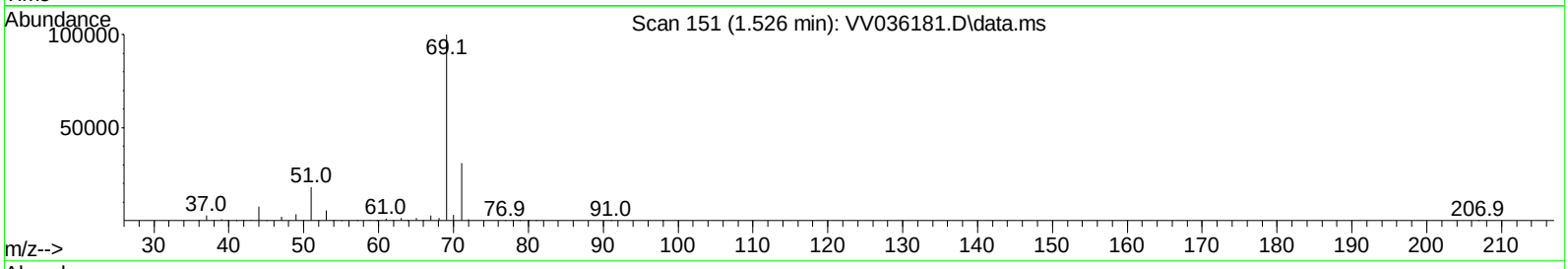

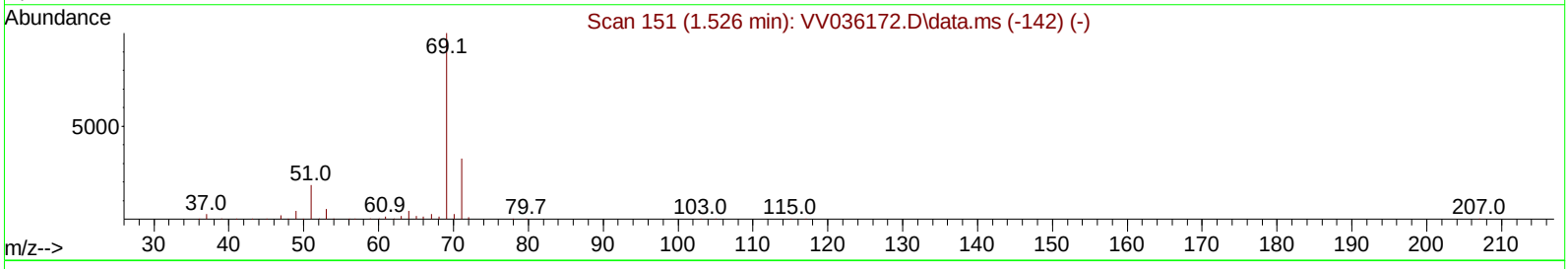

TIC: VV036181.D\data.ms

(7) Chloroethane-d5 (S)

1.526min (-0.000) 22.63 ug/L m

response 121762

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	31.90	0.04#
51.00	26.70	0.04#
0.00	0.00	0.00

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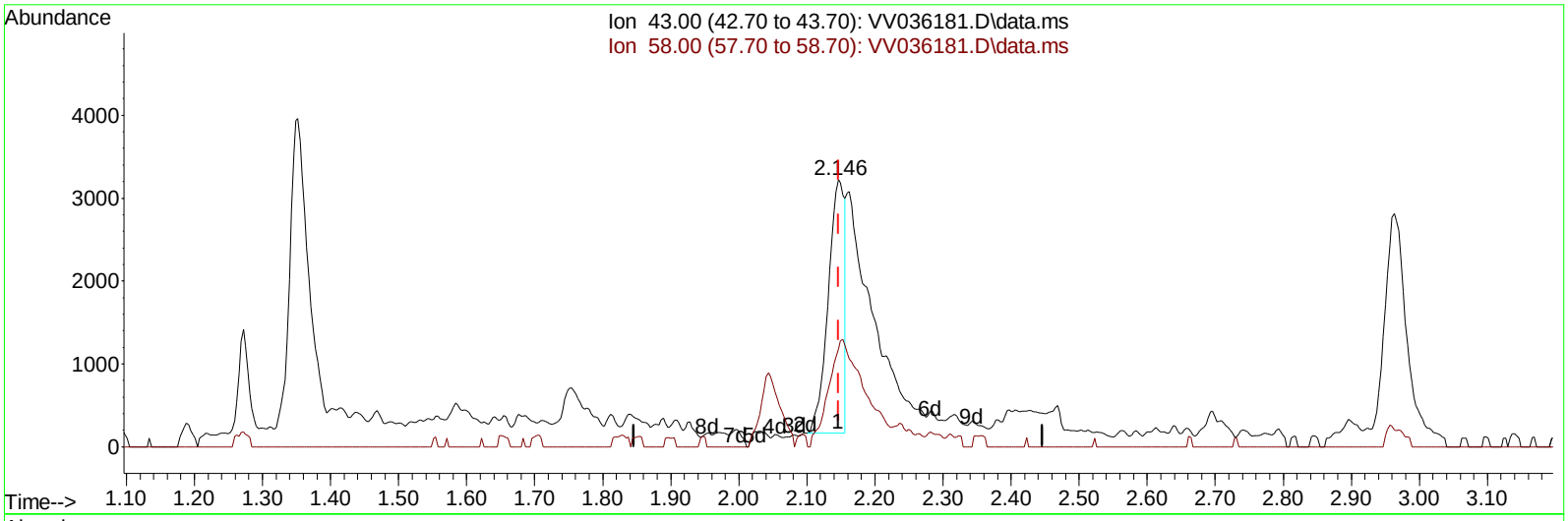

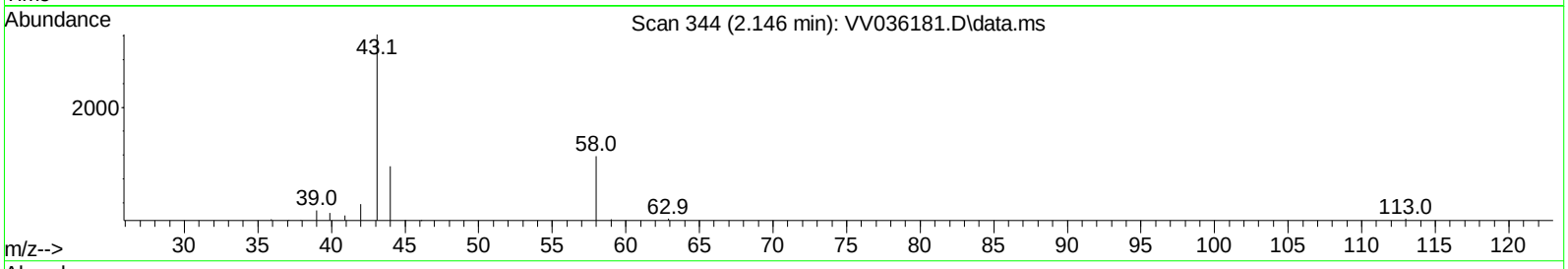

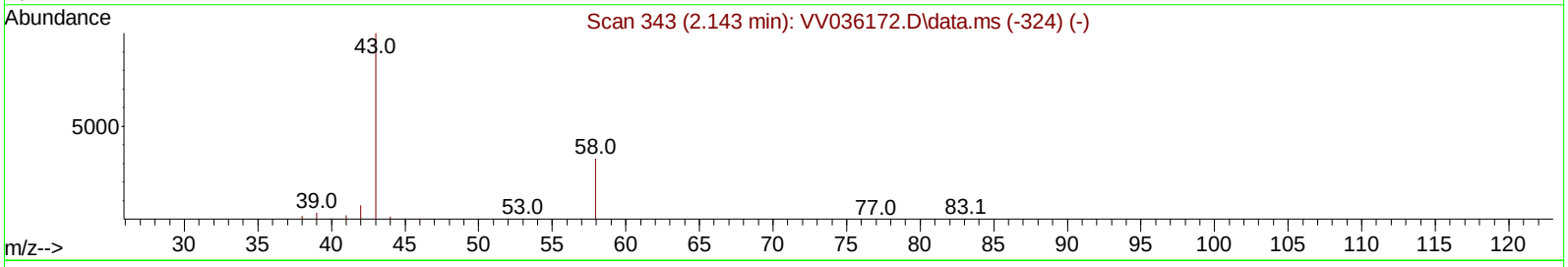

TIC: VV036181.D\data.ms

(13) Acetone (T)

2.146min (-0.000) 2.15 ug/L

response 5188

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	91.71#
0.00	0.00	0.00
0.00	0.00	0.00

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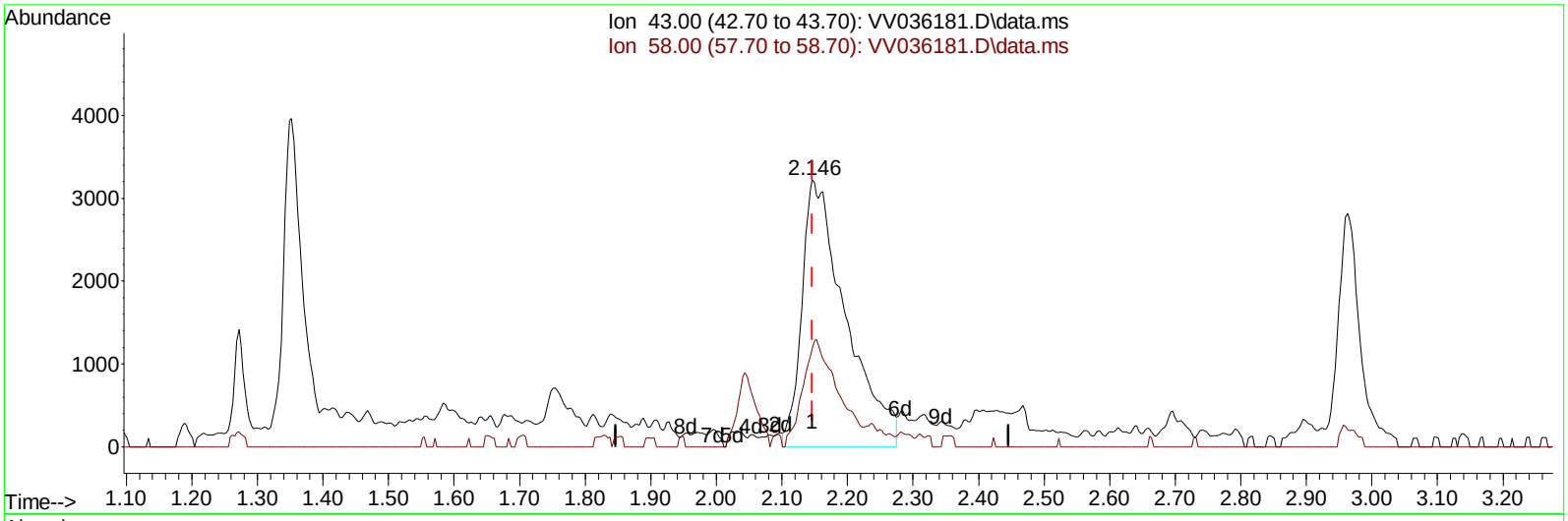

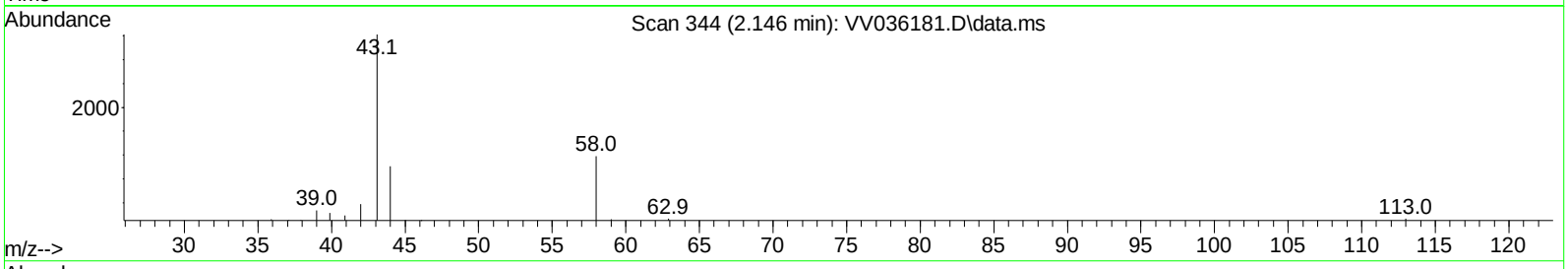

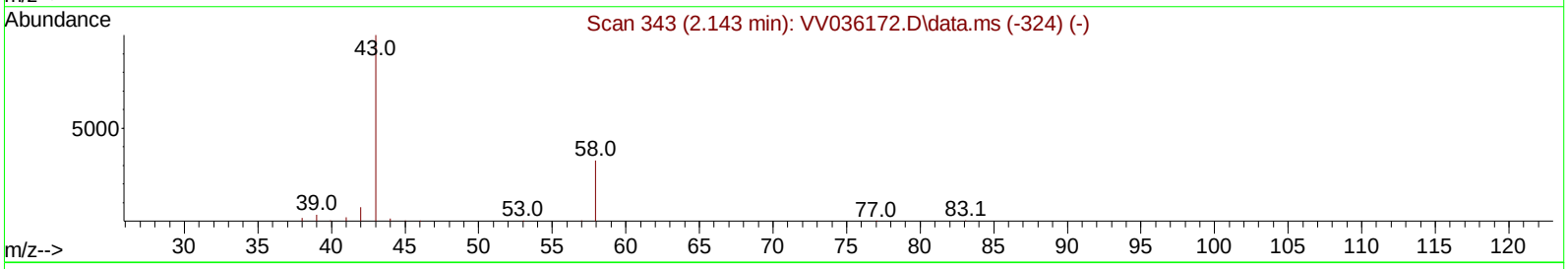

TIC: VV036181.D\data.ms

(13) Acetone (T)

2.146min (-0.000) 6.19 ug/L m

response 14933

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	12.10	31.86#
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	5.529	114	367109	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	330377	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	120202	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	146477	21.703	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 86.800%			
7) Chloroethane-d5	1.526	69	121762m	22.625	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.520%			
11) 1,1-Dichloroethene-d2	2.050	65	58456	19.455	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.840%			
21) 2-Butanone-d5	3.831	46	49618	32.042	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 64.080%			
24) Chloroform-d	4.243	84	251077	21.512	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 86.040%			
26) 1,2-Dichloroethane-d4	4.937	65	148857	24.326	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 97.320%			
32) Benzene-d6	4.953	84	492122	25.059	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 100.240%			
36) 1,2-Dichloropropane-d6	5.985	67	159411	25.777	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103.120%			
41) Toluene-d8	7.239	98	389991	22.507	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.040%			
43) trans-1,3-Dichloroprop...	7.554	79	54452	21.474	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 85.880%			
47) 2-Hexanone-d5	8.030	63	44362	52.945	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 105.880%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	107311	23.221	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 92.880%			
66) 1,2-Dichlorobenzene-d4	11.557	152	97330	22.081	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 88.320%			
Target Compounds						Qvalue
13) Acetone	2.146	43	14933m	6.191	ug/L	
14) Carbon disulfide	2.233	76	18248	0.894	ug/L	98
16) Methylene chloride	2.442	84	65072	7.833	ug/L	99
34) Trichloroethene	5.831	95	64080	9.676	ug/L	99
42) Toluene	7.313	91	700947	31.747	ug/L	99
46) Tetrachloroethene	7.908	164	6494247	1340.837	ug/L	96
52) Ethylbenzene	8.943	91	885396	37.481	ug/L	100
53) m,p-Xylene	9.069	106	468492	52.781	ug/L	99
54) o-Xylene	9.477	106	171685	20.511	ug/L	99
55) Styrene	9.500	104	41477	2.810	ug/L	89
60) Isopropylbenzene	9.869	105	10659	0.691	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	41514	3.712	ug/L	95
63) 1,2,4-Trimethylbenzene	10.850	105	146240	12.138	ug/L	99

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

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