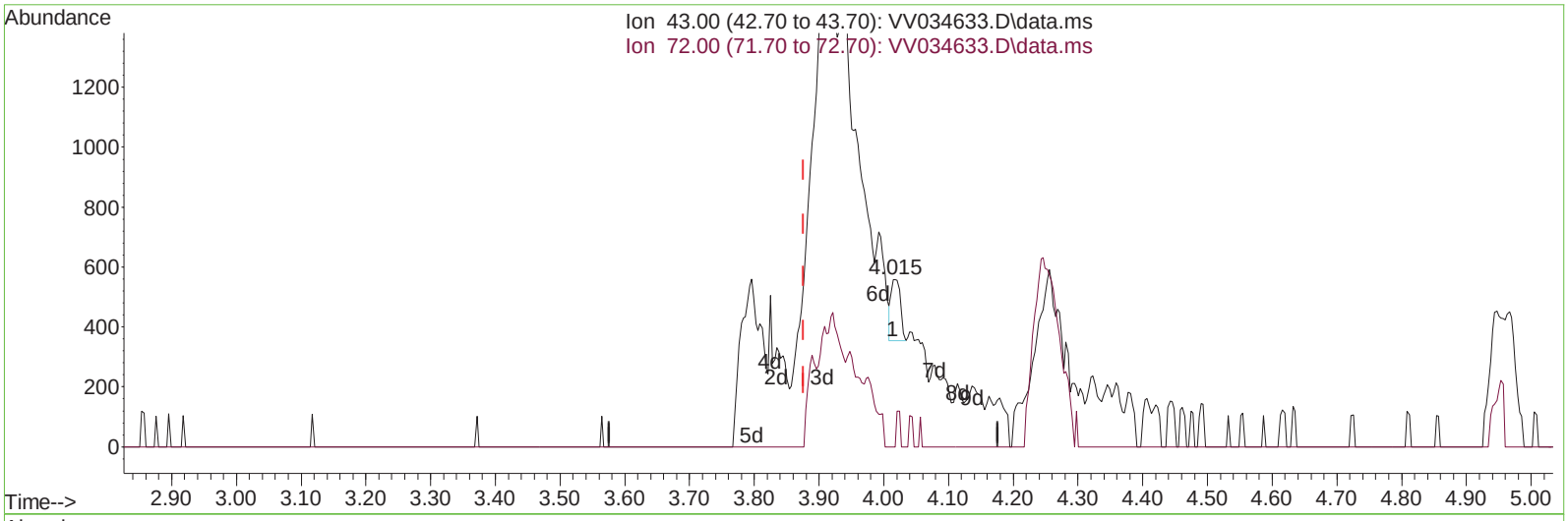
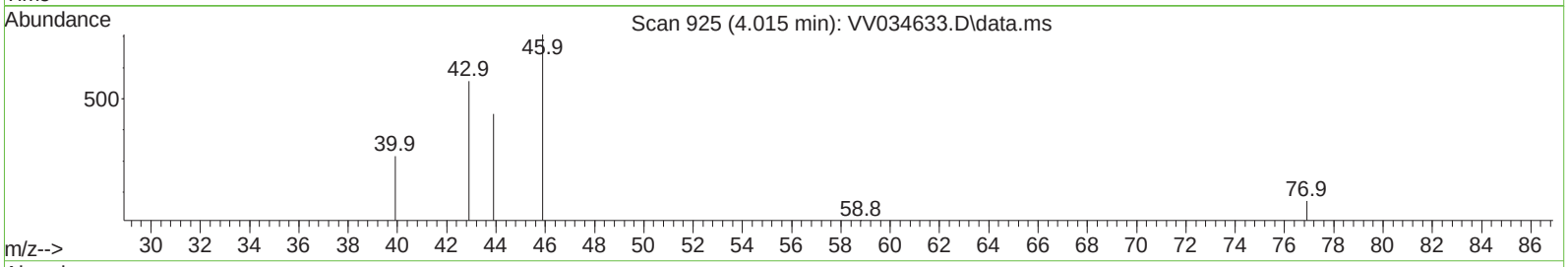
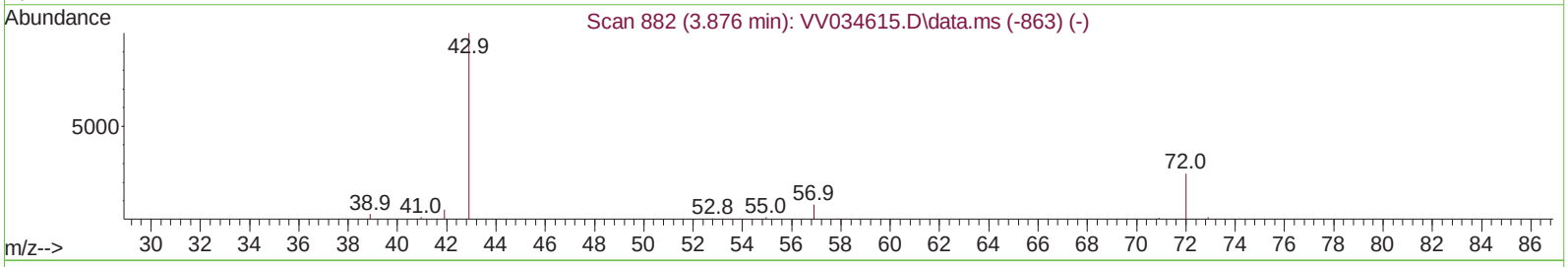
Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031424\
Data File : VV034633.D
Acq On : 15 Mar 2024 03:48
Operator : SY/MD
Sample : P1751-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Mar 15 06:58:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:40:01 2024
Response via : Initial Calibration







TIC: VV034633.D\data.ms

(22) 2-Butanone (T)

4.015min (+ 0.138) 0.11 ug/L

response 206

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	22.90	22.33
0.00	0.00	0.00
0.00	0.00	0.00

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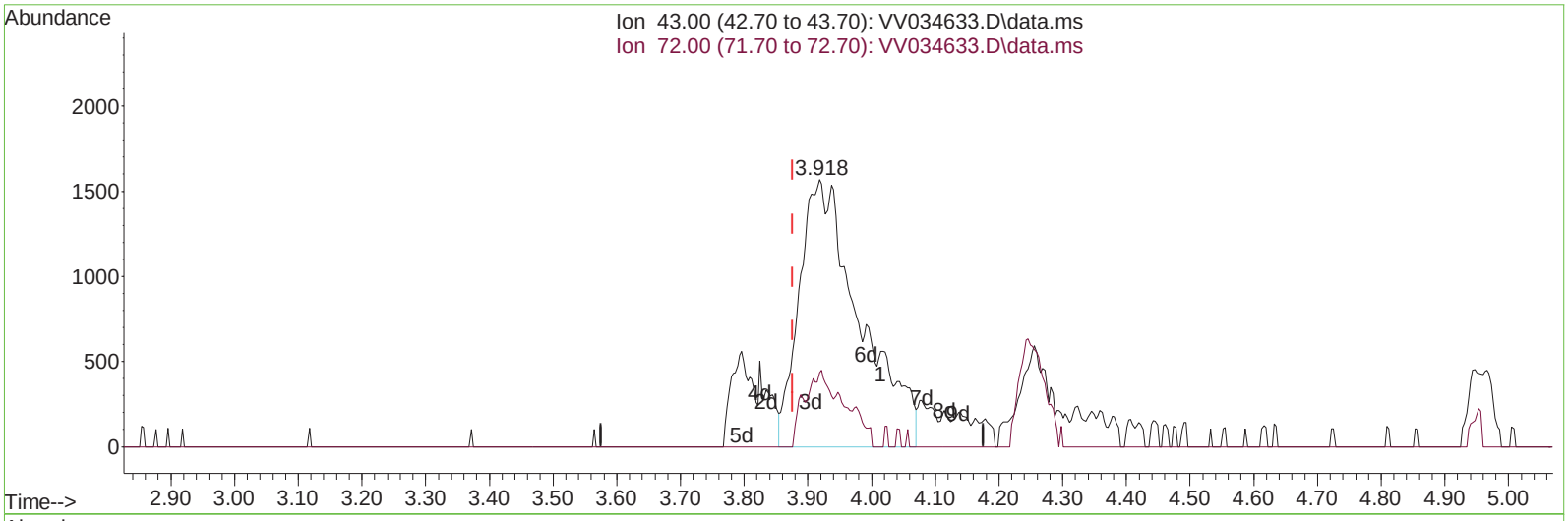

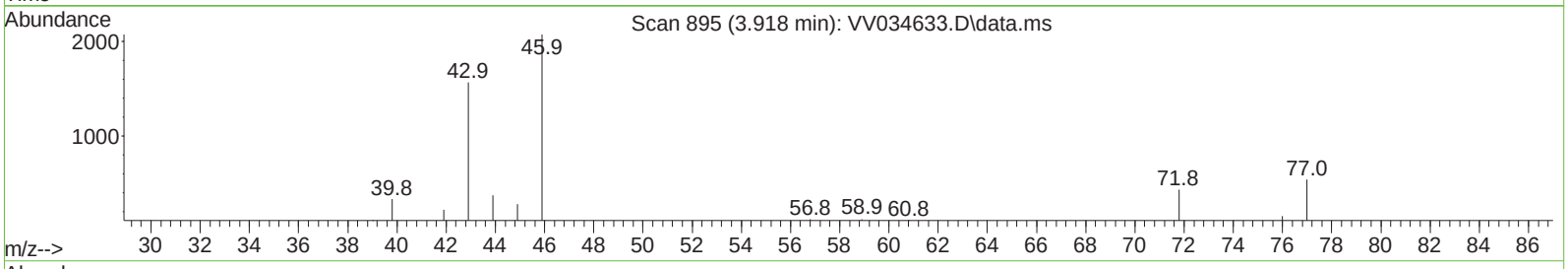

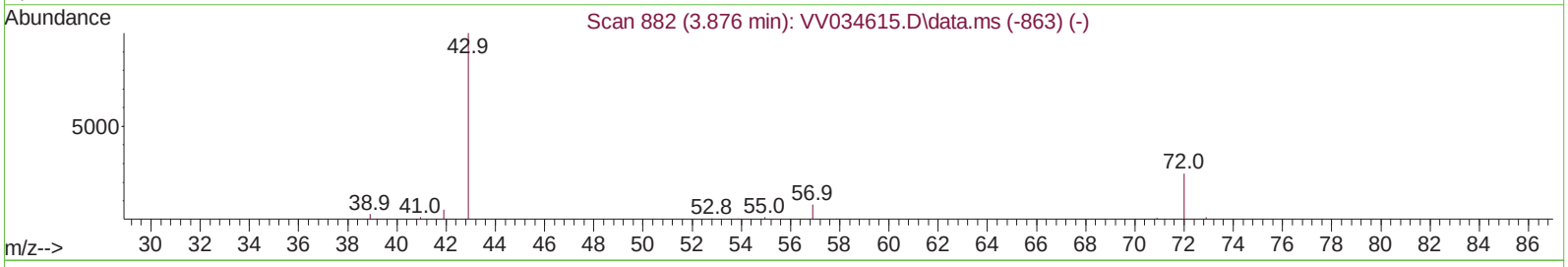

TIC: VV034633.D\data.ms

(22) 2-Butanone (T)

3.918min (+ 0.042) 5.46 ug/L m

response 10335

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	22.90	0.45#
0.00	0.00	0.00
0.00	0.00	0.00

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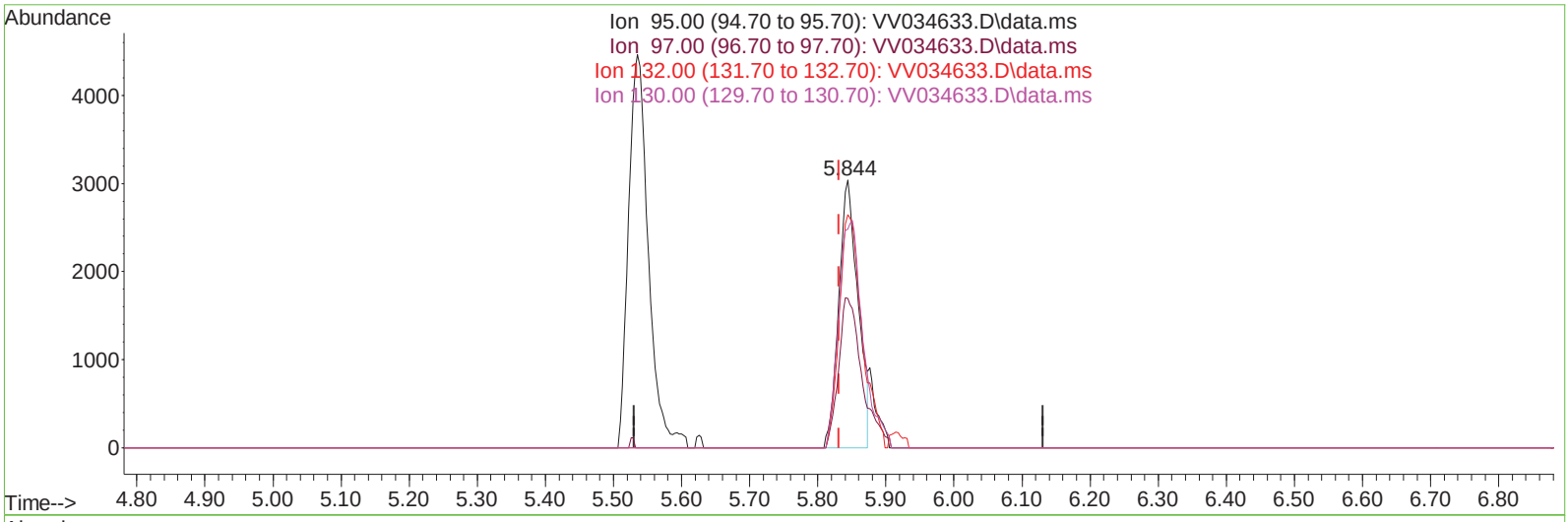

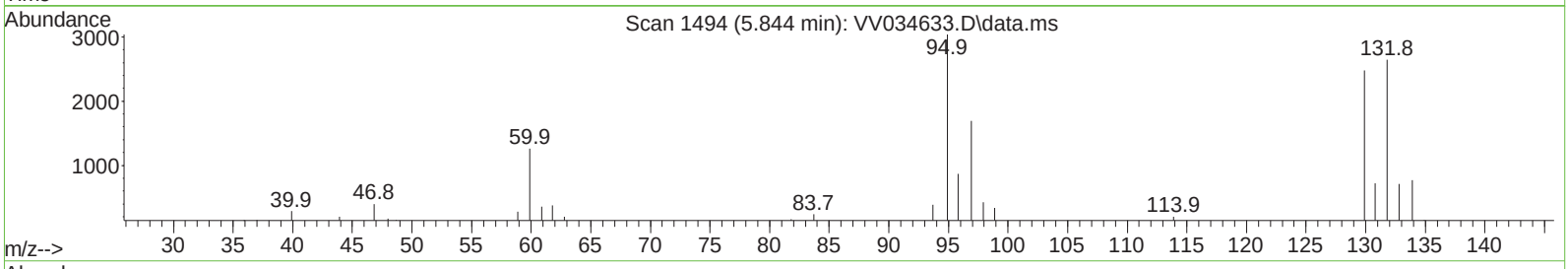

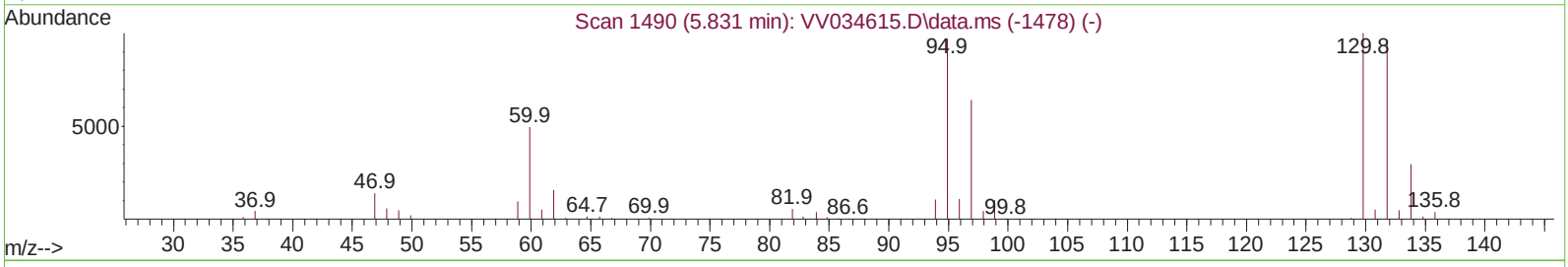

TIC: VV034633.D\data.ms

(34) Trichloroethene (T)

5.844min (+ 0.013) 2.61 ug/L

response 5988

Ion	Exp%	Act%
95.00	100.00	100.00
97.00	63.90	55.86
132.00	93.30	87.06
130.00	98.70	81.67

Quantitation Report (Qedit)

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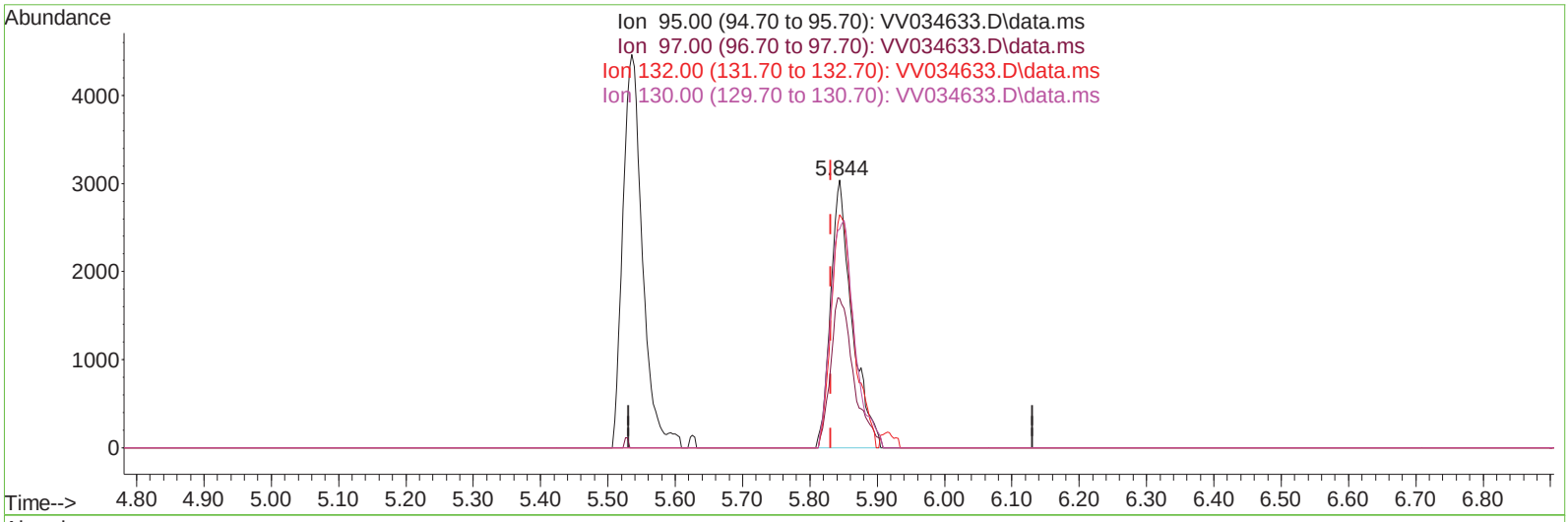

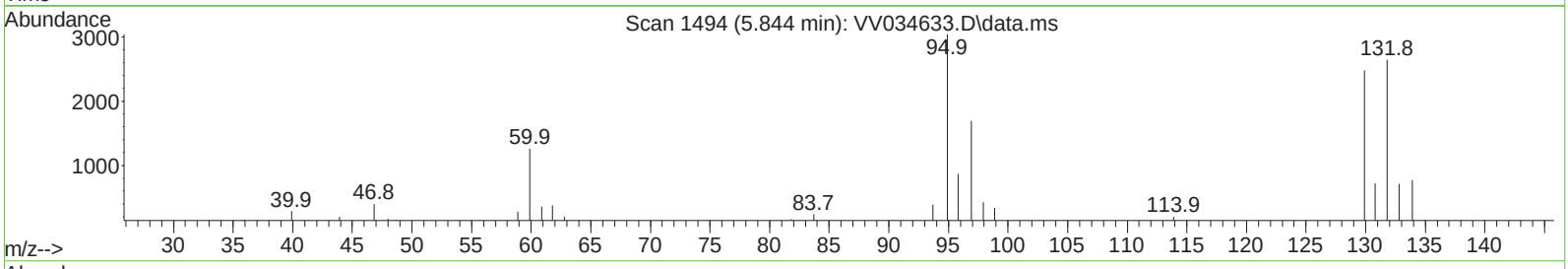

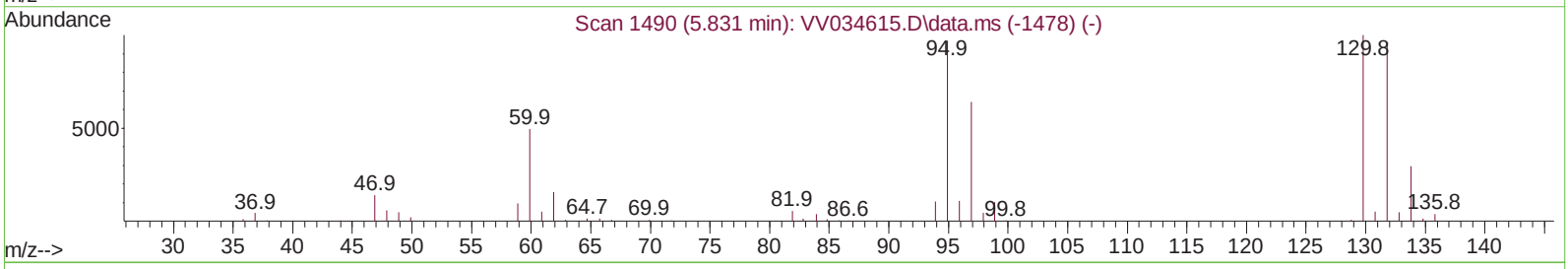

TIC: VV034633.D\data.ms

(34) Trichloroethene (T)

5.844min (+ 0.013) 2.93 ug/L m

response 6724

Ion	Exp%	Act%
95.00	100.00	100.00
97.00	63.90	55.86
132.00	93.30	87.06
130.00	98.70	81.67

Quantitation Report (QT Reviewed)

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Quant Time: Mar 15 06:58:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 06:40:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	274816	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	260186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	120711	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	111768	46.915	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 93.820%			
7) Chloroethane-d5	1.529	69	95488	51.447	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.900%			
11) 1,1-Dichloroethene-d2	2.056	65	51014	47.348	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.700%			
21) 2-Butanone-d5	3.790	46	172959	108.562	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 108.560%			
24) Chloroform-d	4.249	84	209988	49.851	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.700%			
26) 1,2-Dichloroethane-d4	4.941	65	142321	51.704	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.400%			
32) Benzene-d6	4.960	84	404919	51.566	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.140%			
36) 1,2-Dichloropropane-d6	5.989	67	128843	53.765	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.520%			
41) Toluene-d8	7.243	98	353866	49.797	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.600%			
43) trans-1,3-Dichloroprop...	7.555	79	53703	44.626	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.260%			
47) 2-Hexanone-d5	8.024	63	121132	101.224	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.220%			
56) 1,1,2,2-Tetrachloroeth...	10.153	84	173734	55.090	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 110.180%			
66) 1,2-Dichlorobenzene-d4	11.561	152	130840	53.028	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.060%			
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	2874	1.045	ug/L #	21
12) 1,1-Dichloroethene	2.069	96	24635	11.971	ug/L #	1
13) Acetone	2.118	43	128165	66.918	ug/L	97
19) 1,1-Dichloroethane	3.118	63	8385	2.149	ug/L	98
20) cis-1,2-Dichloroethene	3.818	96	9662	4.471	ug/L	89
22) 2-Butanone	3.918	43	10335m	5.465	ug/L	
34) Trichloroethene	5.844	95	6724m	2.929	ug/L	

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

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