Quantitation Report (Qedit)

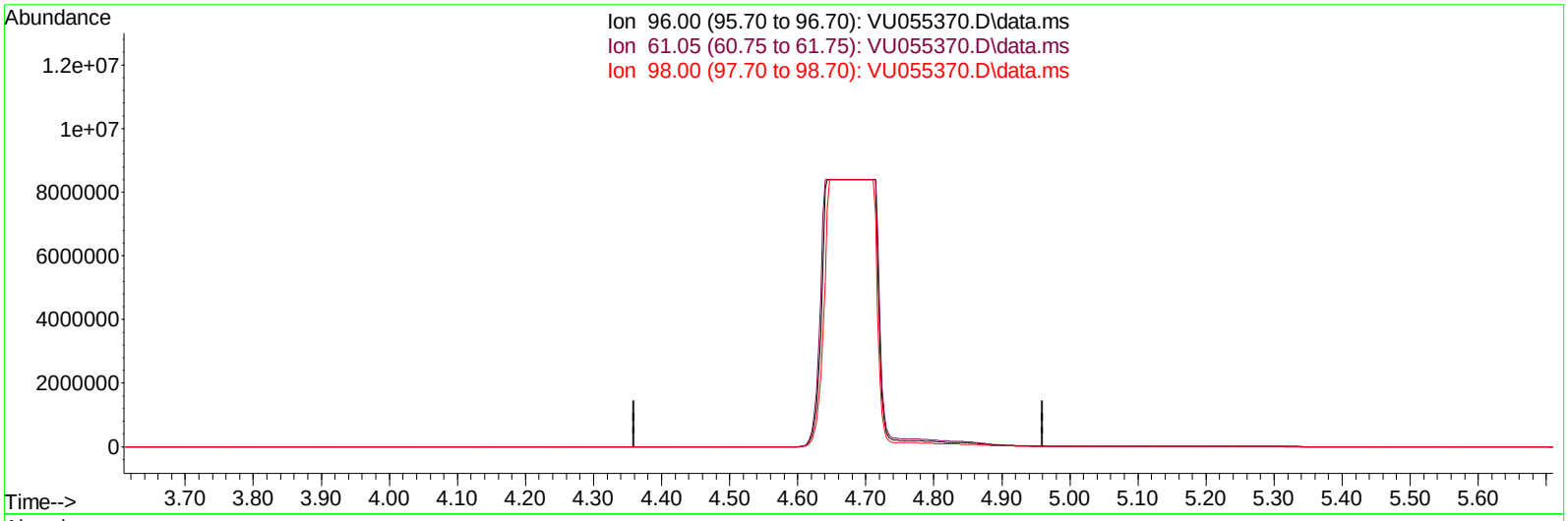
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091823\
Data File : VU055370.D
Acq On : 18 Sep 2023 13:22
Operator : MD/SY
Sample : 04398-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

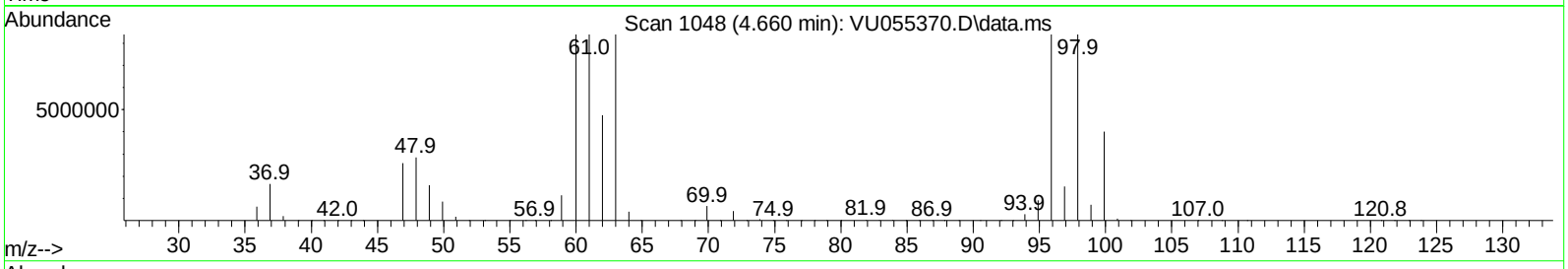
Quant Time: Sep 19 01:15:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 19 01:12:51 2023
Response via : Initial Calibration

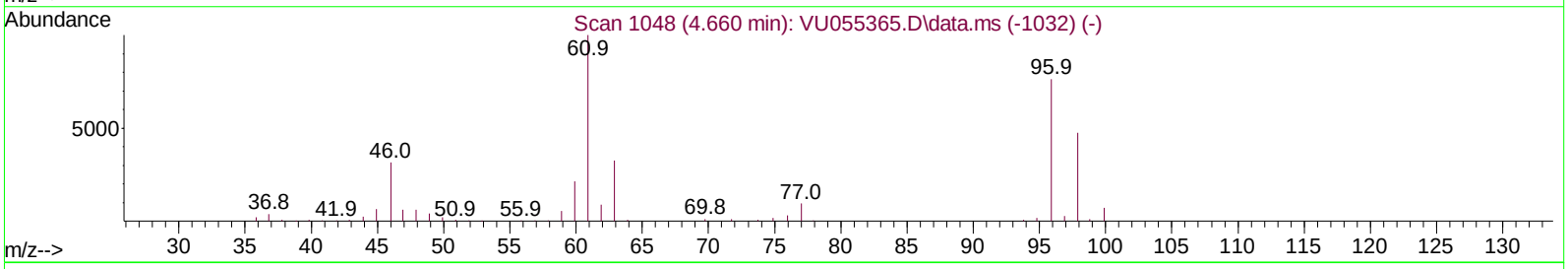
Instrument :
MSVOA_U
ClientSampleId :
BH4K4

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 09/20/2023
Supervised By :Semsettin Yesilyurt 09/20/2023







TIC: VU055370.D\data.ms

(22) cis-1,2-Dichloroethene (T)

4.660min (-4.660) 0.00 ug/L

response 0

Ion	Exp%	Act%
96.00	100.00	0.00
61.05	125.90	0.00#
98.00	62.10	0.00#
0.00	0.00	0.00

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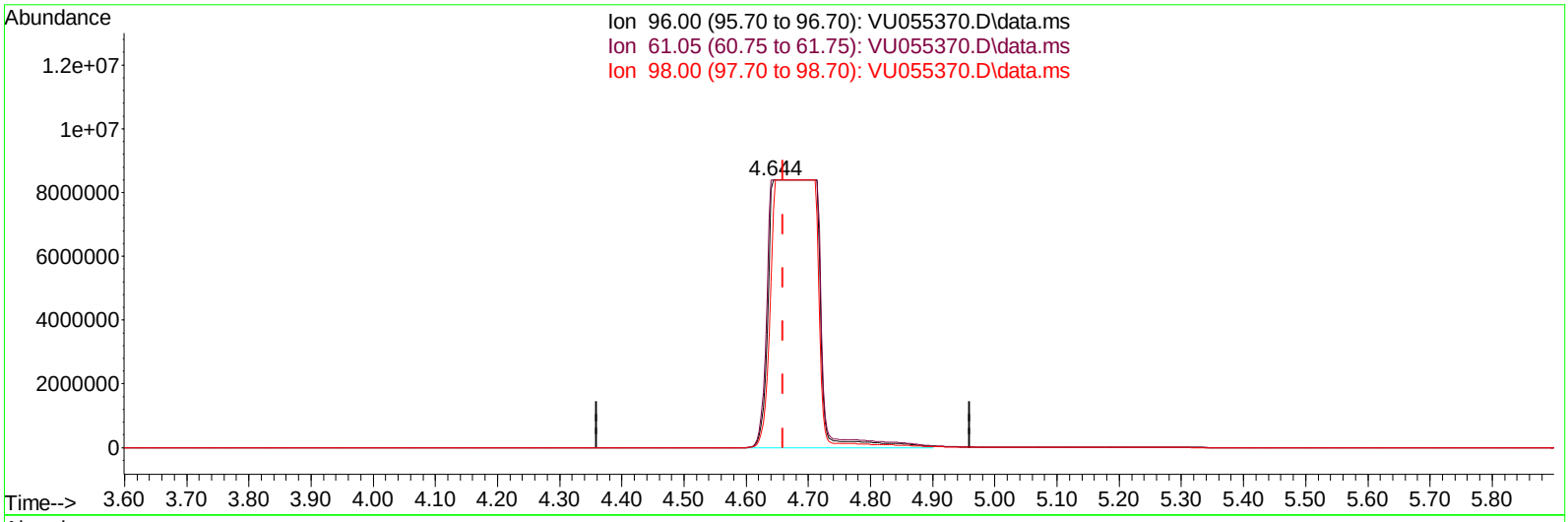

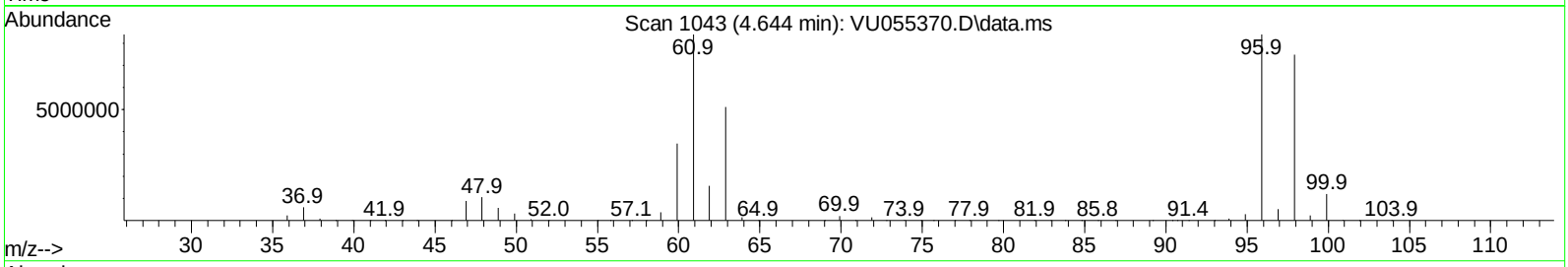

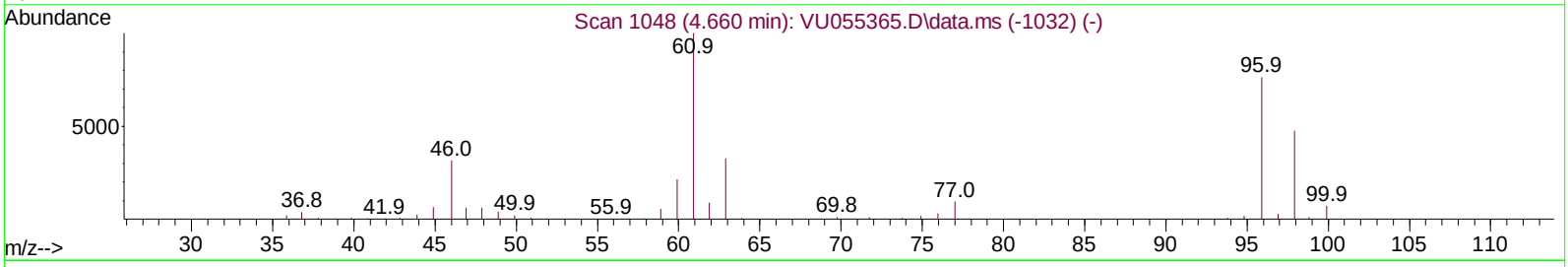

TIC: VU055370.D\data.ms

(22) cis-1,2-Dichloroethene (T)

4.644min (-0.016) 2581.71 ug/L m

response 45223636

Ion	Exp%	Act%
96.00	100.00	100.00
61.05	125.90	100.00
98.00	62.10	89.06#
0.00	0.00	0.00

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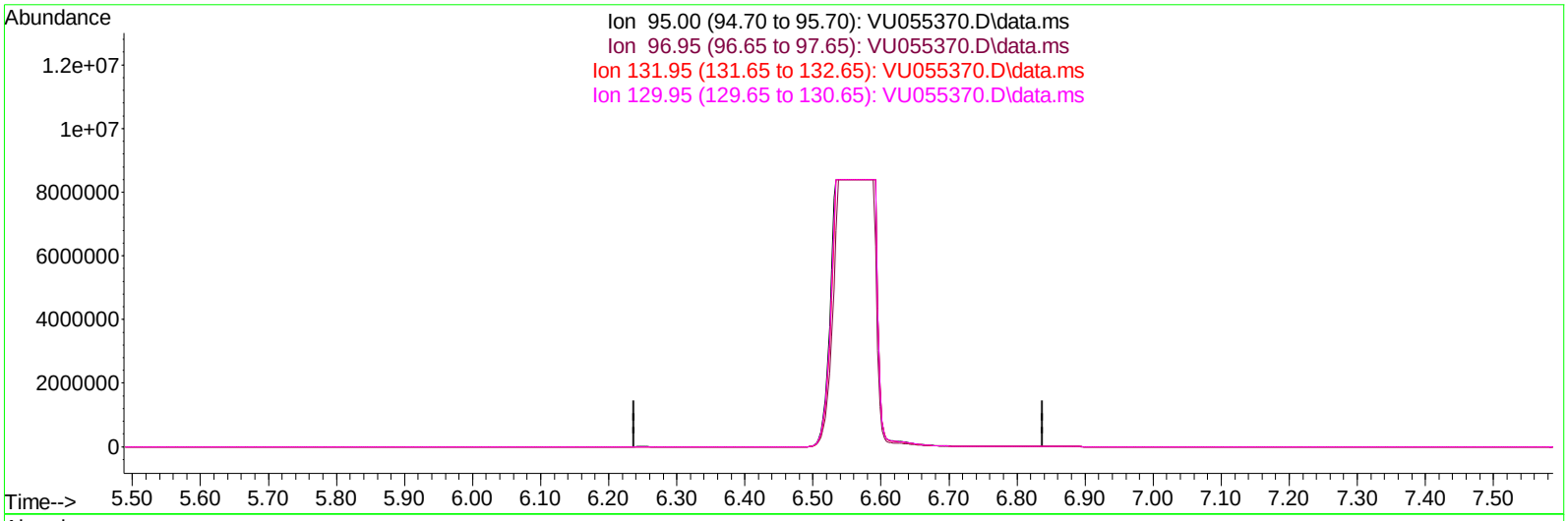

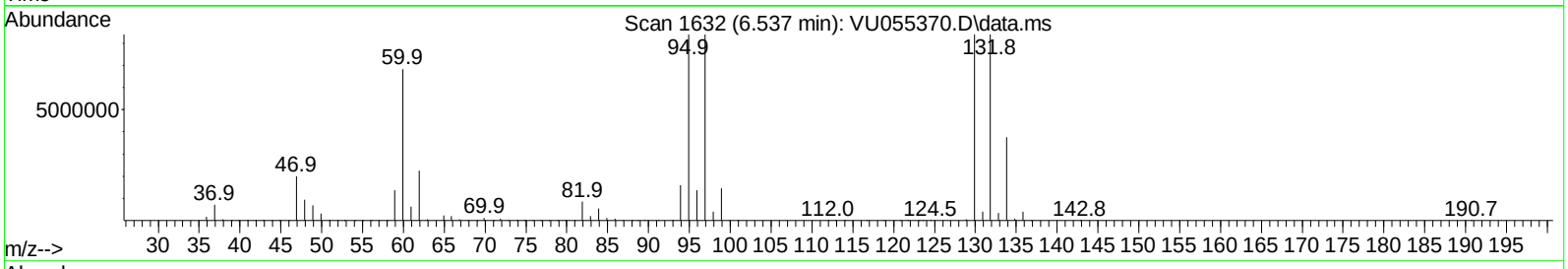

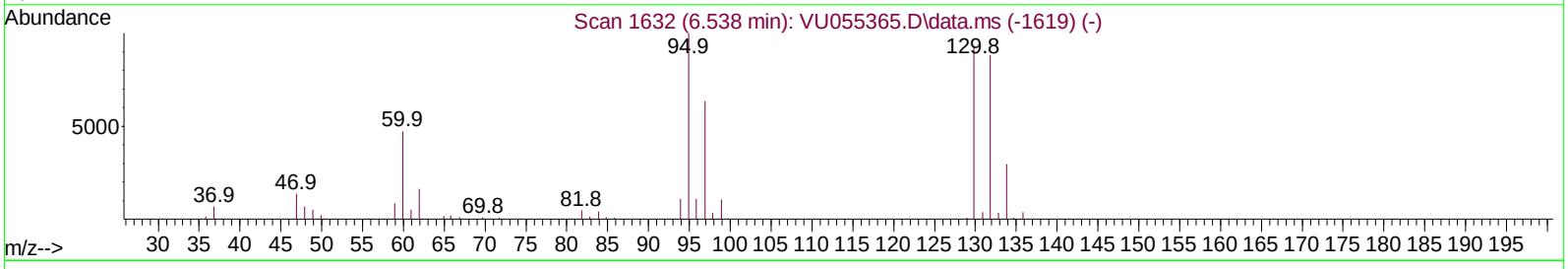

TIC: VU055370.D\data.ms

(34) Trichloroethene (T)

6.538min (-6.538) 0.00 ug/L

response 0

Ion	Exp%	Act%
95.00	100.00	0.00
96.95	67.70	0.00#
131.95	86.40	0.00#
129.95	97.80	0.00#

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ALS Vial : 9 Sample Multiplier: 1

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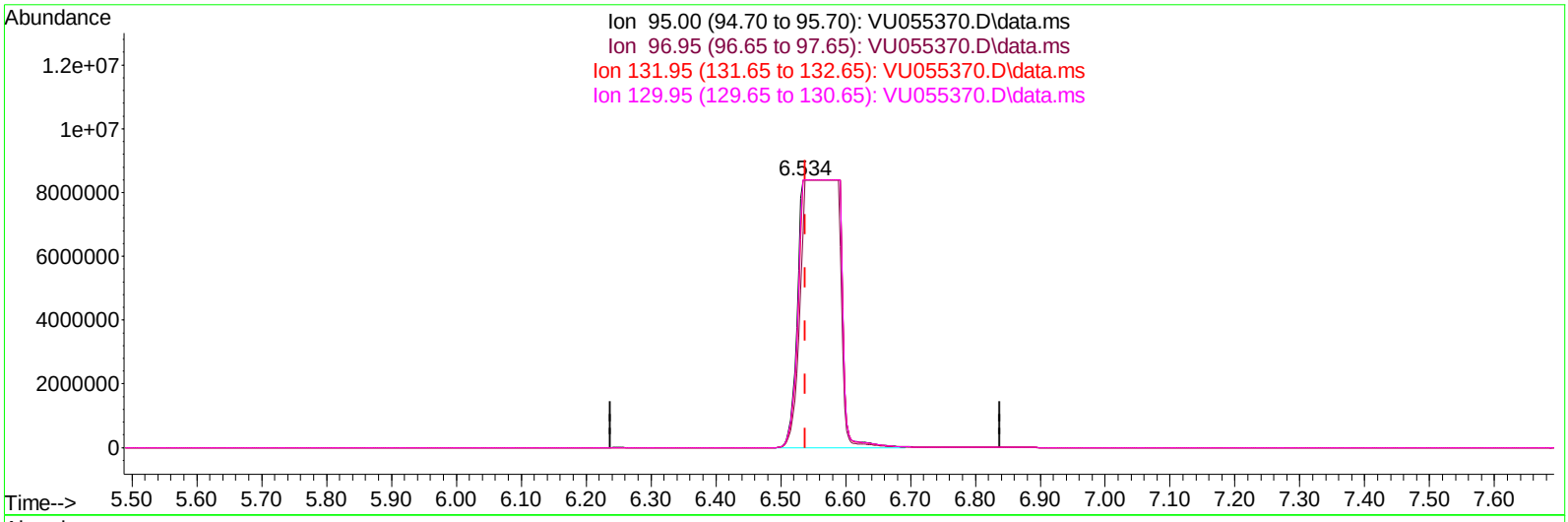

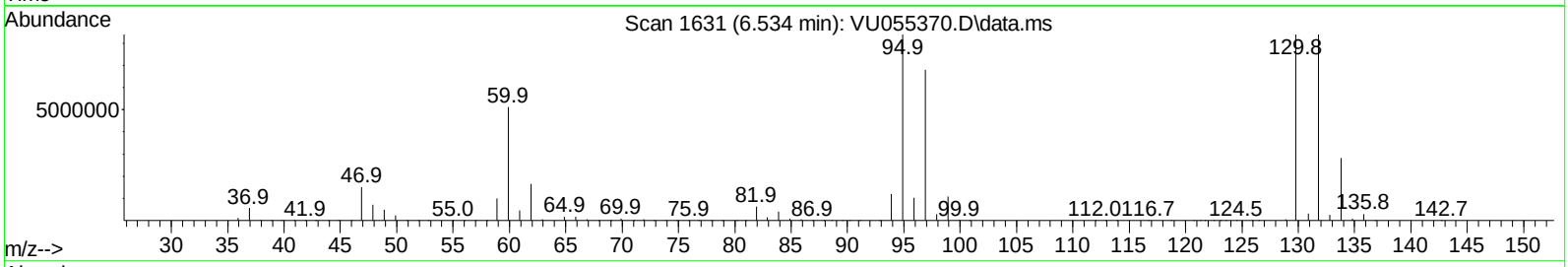

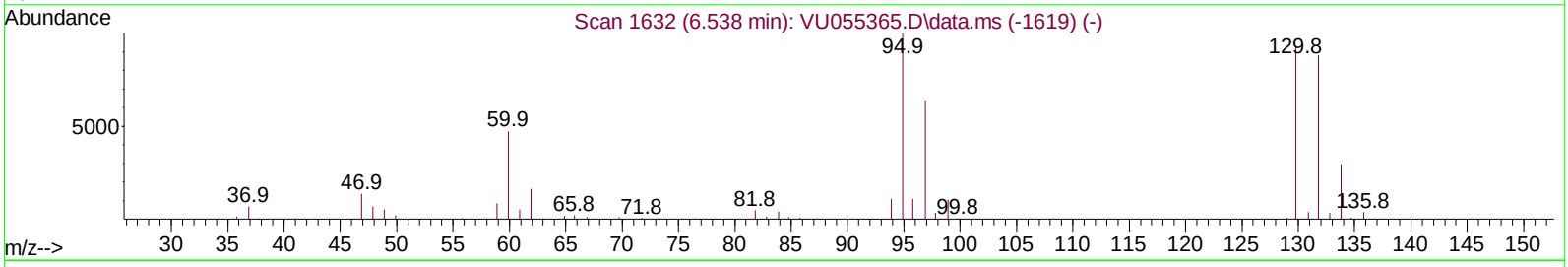

TIC: VU055370.D\data.ms

(34) Trichloroethene (T)

6.534min (-0.004) 1972.39 ug/L m

response 37149655

Ion	Exp%	Act%
95.00	100.00	100.00
96.95	67.70	80.91
131.95	86.40	100.00
129.95	97.80	100.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	193473	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	199932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26041	2.342	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 46.800%			
7) Chloroethane-d5	1.910	69	44414	3.538	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.800%			
11) 1,1-Dichloroethene-d2	2.563	65	14703	3.655	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.200%			
20) 2-Butanone-d5	0.000	46	0d	0.000	ug/L	
Spiked Amount 50.000	Range 40 - 130		Recovery = 0.000%#			
24) Chloroform-d	5.061	84	111934	4.507	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
26) 1,2-Dichloroethane-d4	5.701	65	57622	4.598	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
32) Benzene-d6	5.727	84	204630	4.883	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.600%			
36) 1,2-Dichloropropane-d6	6.695	67	65895	4.614	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.200%			
41) Toluene-d8	7.897	98	170067	4.707	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.200%			
43) trans-1,3-Dichloroprop...	8.180	79	13877	2.739	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 54.800%#			
46) 2-Hexanone-d5	8.634	63	101835	55.238	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.480%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62237	5.012	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	66498	4.997	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	120131	6.262	ug/L	98
12) 1,1-Dichloroethene	2.579	96	225932	16.609	ug/L #	82
16) Methylene chloride	3.039	84	7400	0.365	ug/L	87
17) Methyl tert-butyl Ether	3.361	73	9532	0.292	ug/L #	93
18) trans-1,2-Dichloroethene	3.351	96	681762	45.583	ug/L	100
19) 1,1-Dichloroethane	3.872	63	13203	0.454	ug/L	95
22) cis-1,2-Dichloroethene	4.644	96	45223636m	2581.715	ug/L	
25) Chloroform	5.084	83	21937	0.696	ug/L	94
27) 1,2-Dichloroethane	5.798	62	8029	0.411	ug/L #	82
30) Cyclohexane	5.386	56	60725	2.532	ug/L	99
33) Benzene	5.775	78	180428	2.727	ug/L	100
34) Trichloroethene	6.534	95	37149655m	1972.392	ug/L	
35) Methylcyclohexane	6.766	83	32635	1.192	ug/L #	55
42) Toluene	7.971	91	12366	0.171	ug/L	95
45) 1,1,2-Trichloroethane	8.396	97	35932	2.983	ug/L	97
47) Tetrachloroethene	8.553	164	73866	5.722	ug/L	95
51) Chlorobenzene	9.444	112	1250108	26.724	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	397904	11.447	ug/L	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65)	1,4-Dichlorobenzene	11.833	146	801703	23.599	ug/L	99
67)	1,2-Dichlorobenzene	12.209	146	129110	4.143	ug/L	99
70)	1,2,4-trichlorobenzene	13.836	180	711748	39.164	ug/L	100
72)	1,2,3-Trichlorobenzene	14.325	180	138483	8.802	ug/L	99

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

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