Quantitation Report (Qedit)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072622\
Data File : VW024088.D
Acq On : 26 Jul 2022 09:05
Operator : SY/VA
Sample : N3790-02
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

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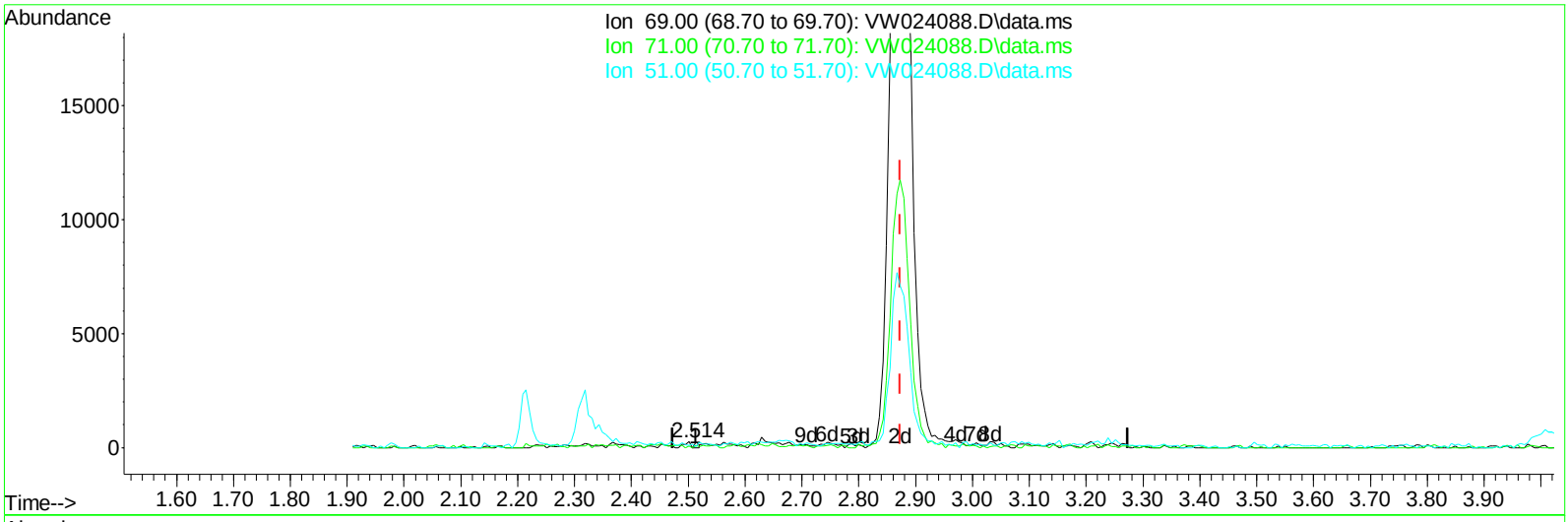
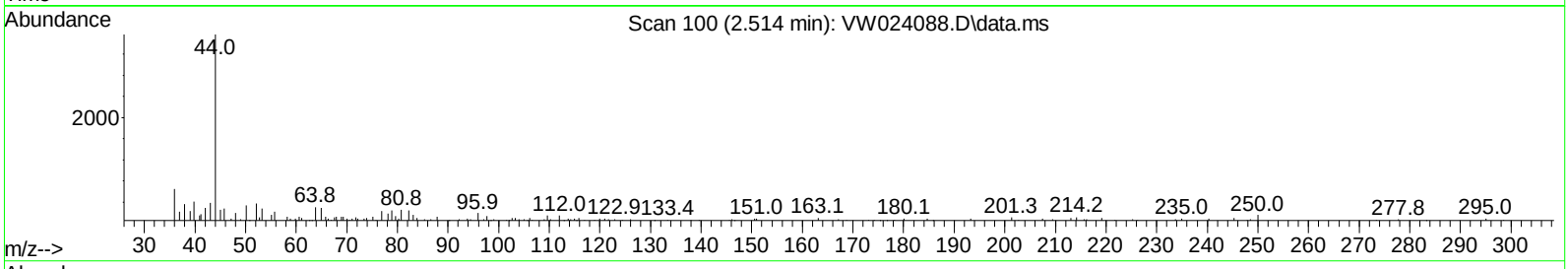
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072522SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jul 26 23:39:35 2022
Response via : Initial Calibration

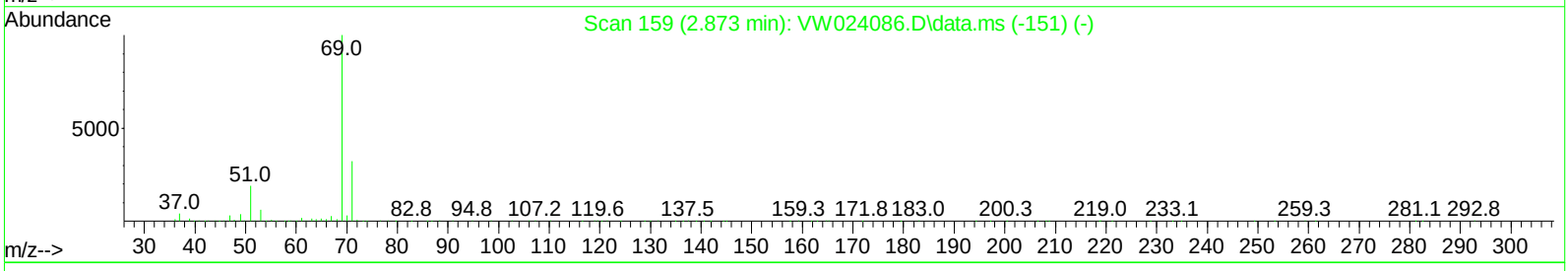
Instrument :
MSVOA_W
ClientSampleId :
DBUJ7

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022







TIC: VW024088.D\data.ms

(7) Chloroethane-d5 (S)

2.514min (-0.360) 0.04 ug/L

response 137

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	32.80	37.23
51.00	27.90	22.63
0.00	0.00	0.00

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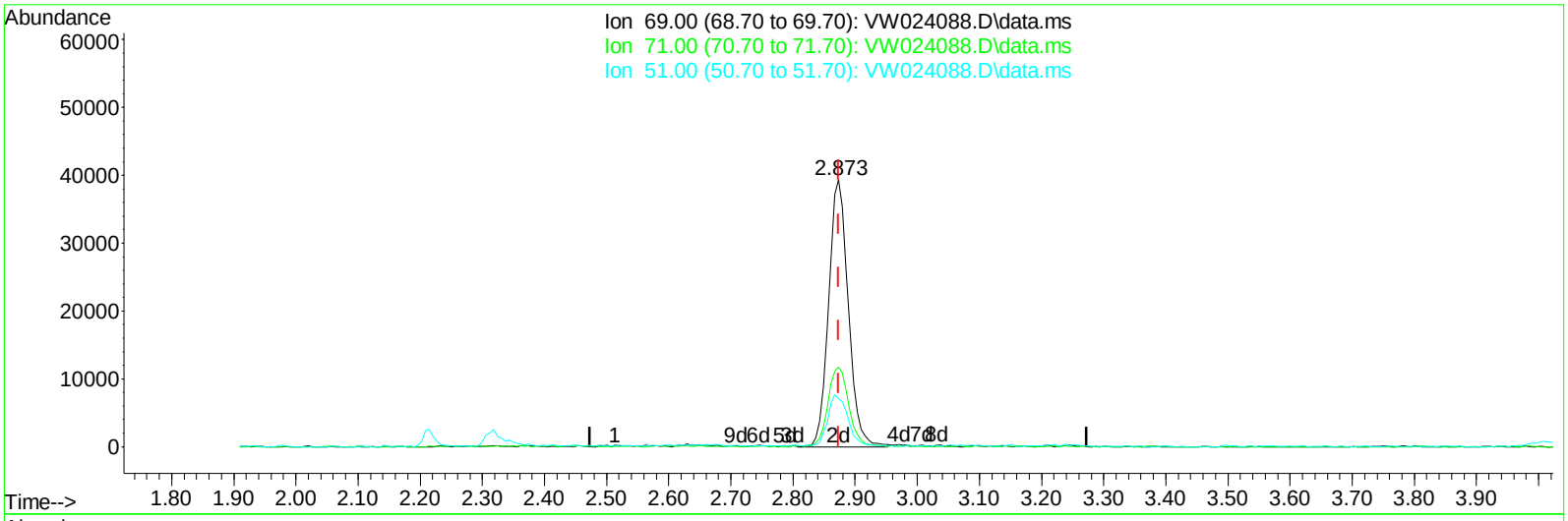

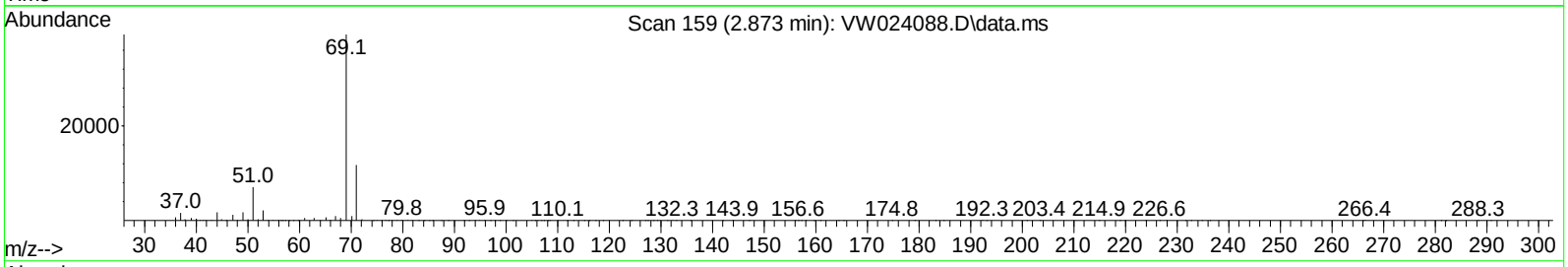

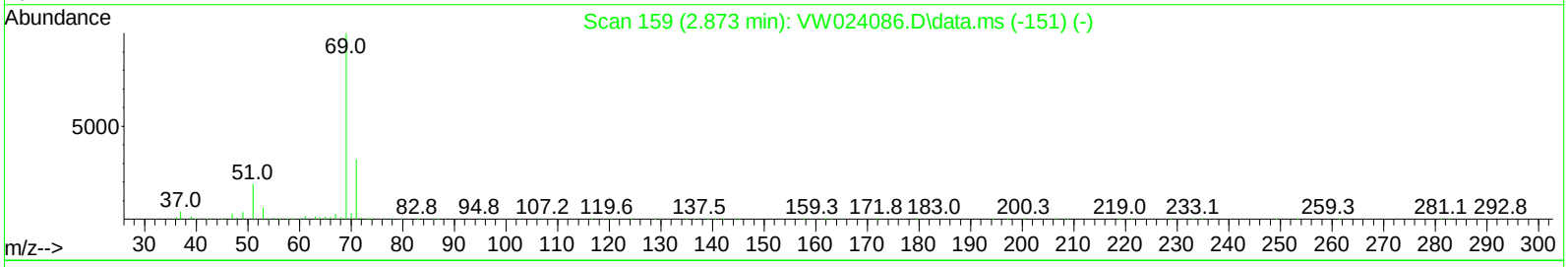

TIC: VW024088.D\data.ms

(7) Chloroethane-d5 (S)

2.873min (+ 0.000) 26.46 ug/L m

response 86652

Ion	Exp%	Act%
69.00	100.00	100.00
71.00	32.80	0.06#
51.00	27.90	0.04#
0.00	0.00	0.00

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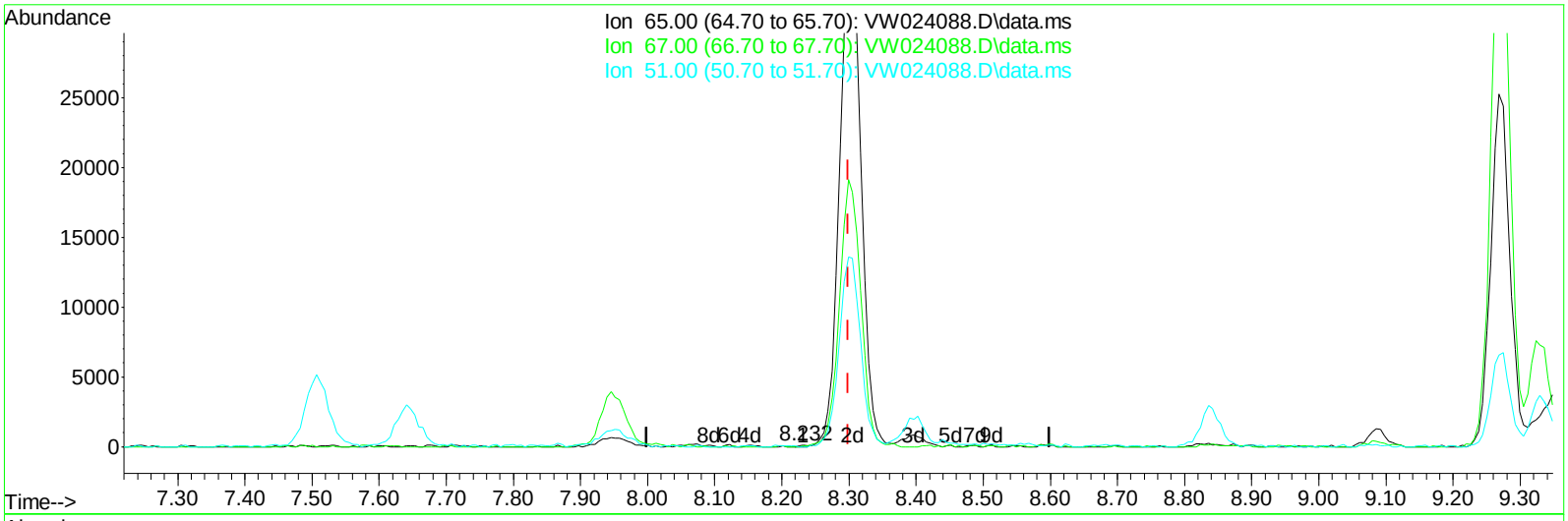

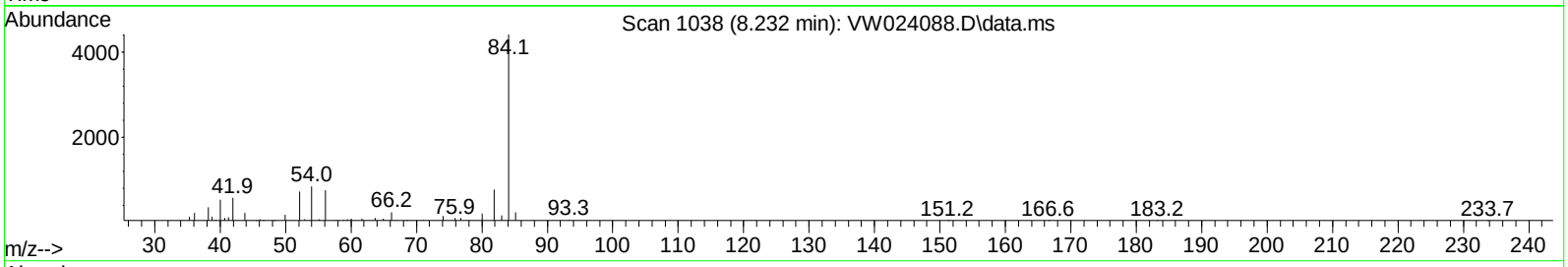

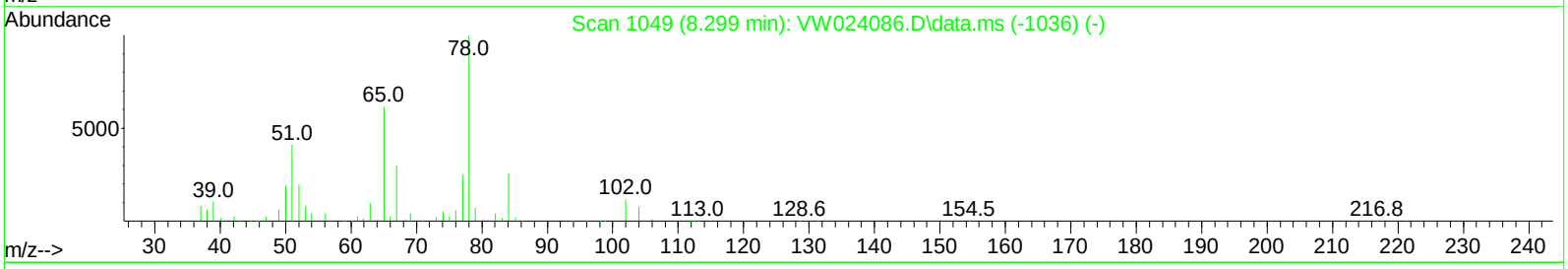

TIC: VW024088.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.232min (-0.067) 0.02 ug/L

response 82

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	50.40	62.20
51.00	101.90	78.05
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : SY/VA
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ALS Vial : 1 Sample Multiplier: 1

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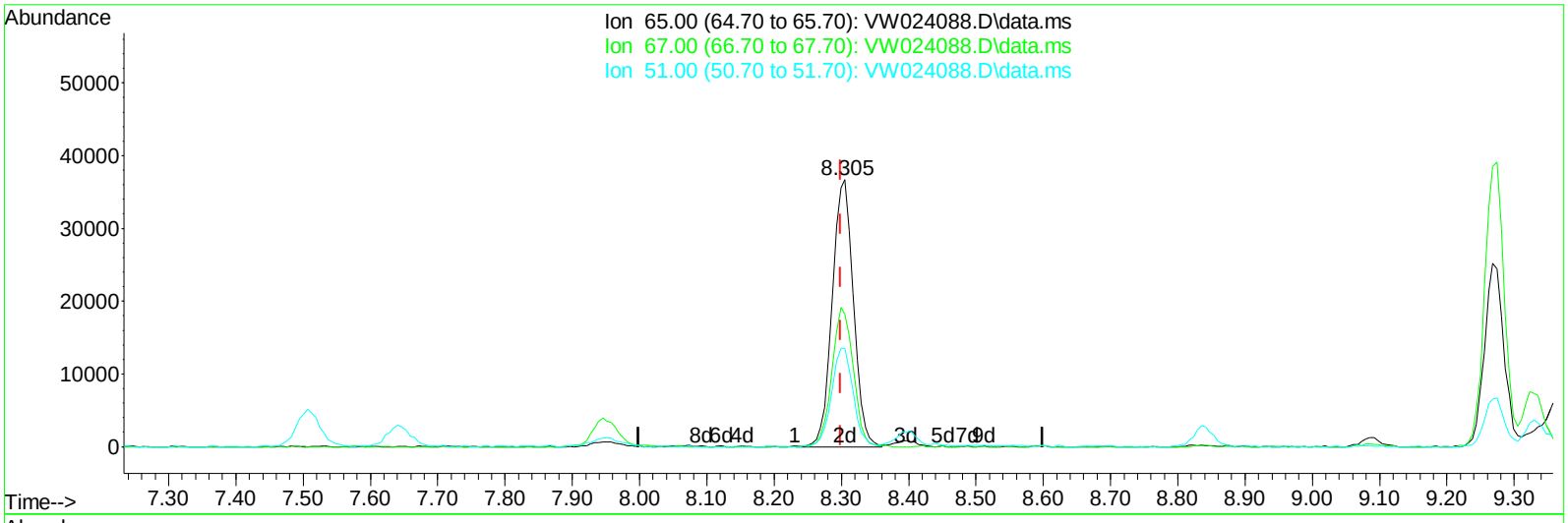

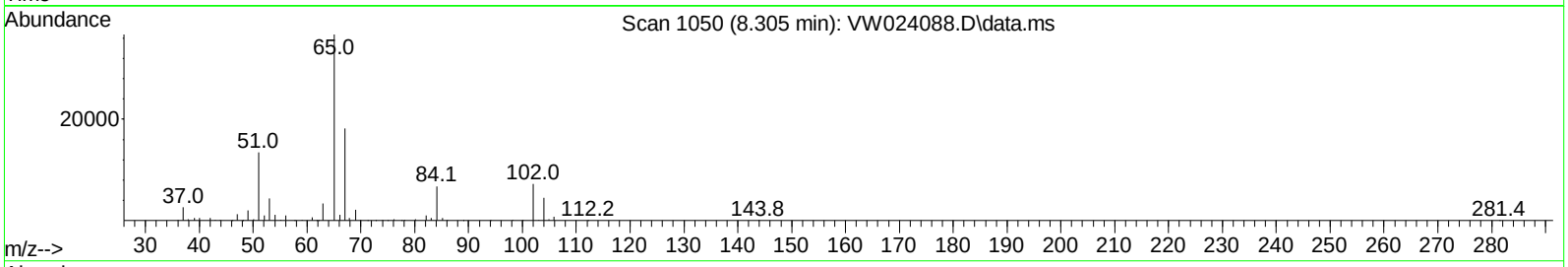

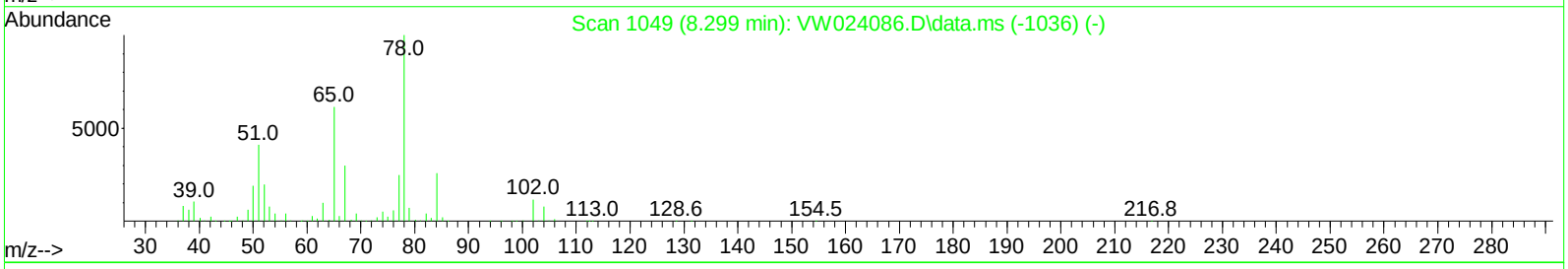

TIC: VW024088.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.305min (+ 0.006) 22.55 ug/L m

response 80514

Ion	Exp%	Act%
65.00	100.00	100.00
67.00	50.40	0.06#
51.00	101.90	0.08#
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	8.842	114	226089	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	236753	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	125556	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	123990	25.585	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 102.320%			
7) Chloroethane-d5	2.873	69	86652m	26.463	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 105.840%			
11) 1,1-Dichloroethene-d2	4.013	63	104885	24.579	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 98.320%			
21) 2-Butanone-d5	7.074	46	31531	36.609	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 73.220%			
24) Chloroform-d	7.647	84	138016	22.205	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 88.800%			
26) 1,2-Dichloroethane-d4	8.305	65	80514m	22.546	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 90.200%			
32) Benzene-d6	8.269	84	268063	24.374	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.480%			
36) 1,2-Dichloropropane-d6	9.274	67	78641	22.670	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 90.680%			
41) Toluene-d8	10.323	98	251653	22.880	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.520%			
43) trans-1,3-Dichloroprop...	10.573	79	35824	23.292	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.160%			
47) 2-Hexanone-d5	10.921	63	30216	41.665	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.320%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	78733	19.671	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 78.680%			
66) 1,2-Dichlorobenzene-d4	13.847	152	92912	22.850	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 91.400%			
Target Compounds						Qvalue
3) Chloromethane	2.215	50	82338	18.993	ug/L	98
6) Bromomethane	2.770	94	36825	9.865	ug/L	100
9) Trichlorofluoromethane	3.245	101	59075	18.781	ug/L	99
12) 1,1-Dichloroethene	4.025	96	52736	22.086	ug/L	94
13) Acetone	4.123	43	33341	54.552	ug/L	100
15) Methyl Acetate	4.659	43	47056	31.916	ug/L	96
16) Methylene chloride	4.903	84	37538	10.908	ug/L	94
17) trans-1,2-Dichloroethene	5.422	96	32481	11.118	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	138368	31.951	ug/L #	88
20) cis-1,2-Dichloroethene	7.165	96	84399	26.308	ug/L	96
23) Bromochloromethane	7.507	128	23549	14.264	ug/L	93
27) 1,2-Dichloroethane	8.397	62	43551	9.576	ug/L	96
29) Cyclohexane	7.952	56	43648	10.006	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	53664	10.141	ug/L	99
31) Carbon tetrachloride	8.067	117	62929	12.900	ug/L	96
34) Trichloroethene	9.085	95	144725	39.960	ug/L	97
35) Methylcyclohexane	9.329	83	153838	27.959	ug/L	98
37) 1,2-Dichloropropane	9.366	63	44252	12.798	ug/L	99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38)	Bromodichloromethane	9.640	83	98071	19.893	ug/L	93
39)	cis-1,3-Dichloropropene	10.067	75	79854	15.851	ug/L	100
42)	Toluene	10.384	91	324838	20.997	ug/L	95
44)	trans-1,3-Dichloropropene	10.604	75	35446	7.430	ug/L	93
46)	Tetrachloroethene	10.860	164	111878	39.468	ug/L	88
48)	2-Hexanone	10.969	43	45162	25.901	ug/L	99
49)	Dibromochloromethane	11.128	129	66794	18.924	ug/L	93
52)	Ethylbenzene	11.725	91	270477	15.865	ug/L	99
53)	m,p-Xylene	11.841	106	68759	10.390	ug/L	94
54)	o-Xylene	12.164	106	77024	12.171	ug/L	93
60)	Isopropylbenzene	12.463	105	211275	13.285	ug/L	98
64)	1,3-Dichlorobenzene	13.493	146	148377	19.507	ug/L	96
67)	1,2-Dichlorobenzene	13.865	146	72272	10.158	ug/L	96
68)	1,2-Dibromo-3-chloropr...	14.481	75	10083	15.990	ug/L	91

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

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