Quantitation Report (Qedit)

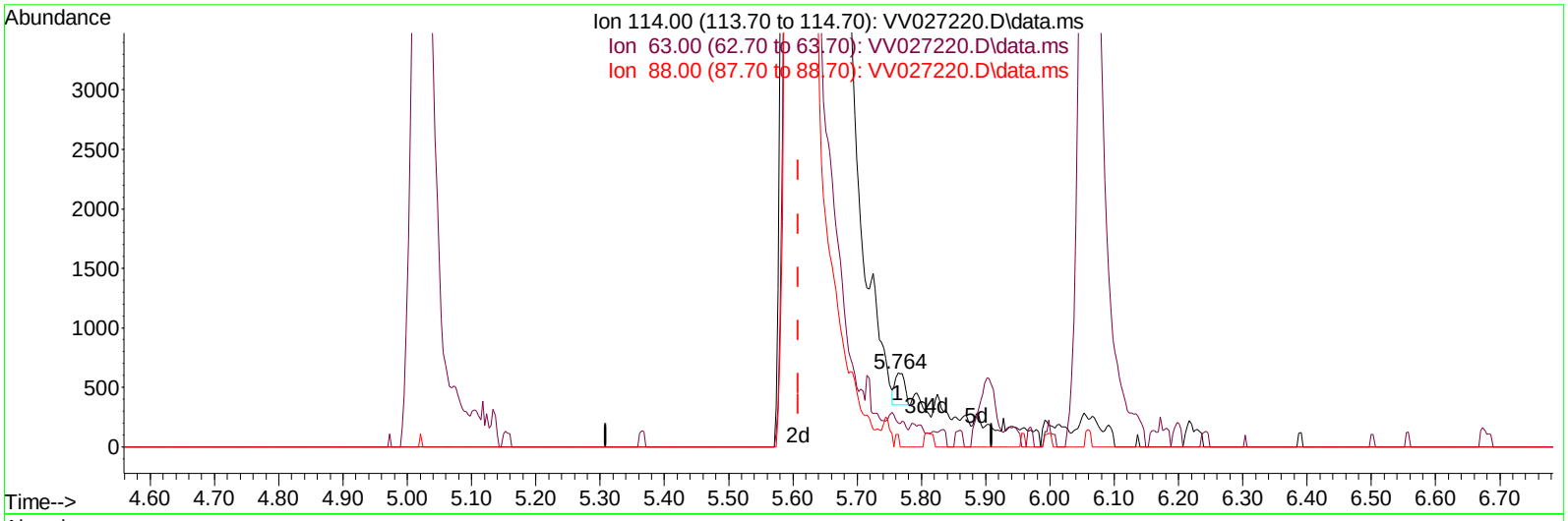
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
Data File : VV027220.D
Acq On : 05 Aug 2022 12:24
Operator : SY/MD
Sample : N4003-01DL 4X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

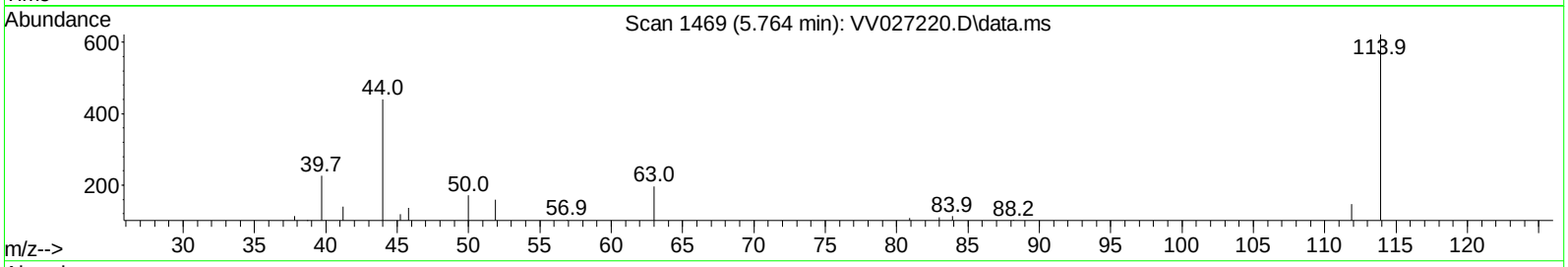
Quant Time: Aug 06 03:59:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 03:57:43 2022
Response via : Initial Calibration

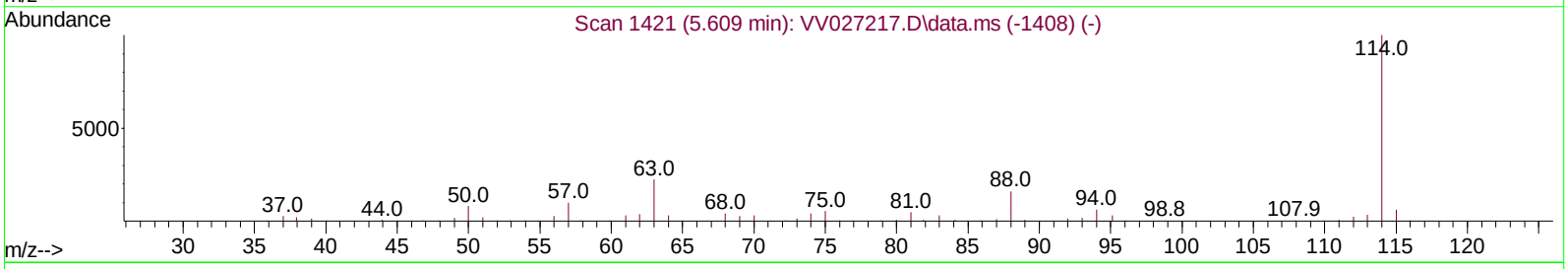
Instrument :
MSVOA_V
ClientSampleId :
F5E13DL

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022
Supervised By :Mahesh Dadoda 08/08/2022







TIC: VV027220.D\data.ms

(1) 1,4-Difluorobenzene (I)

5.764min (+ 0.155) 50.00 ug/L

response 288

Ion	Exp%	Act%
114.00	100.00	100.00
63.00	18.10	20.83
88.00	15.10	13.89
0.00	0.00	0.00

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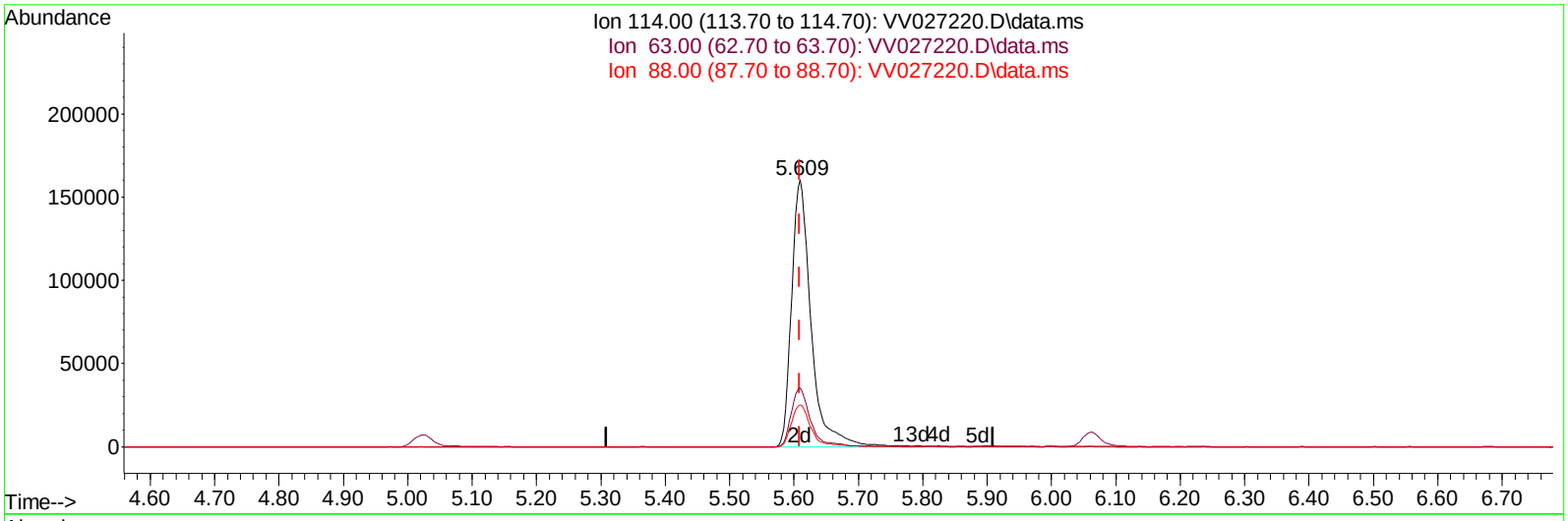

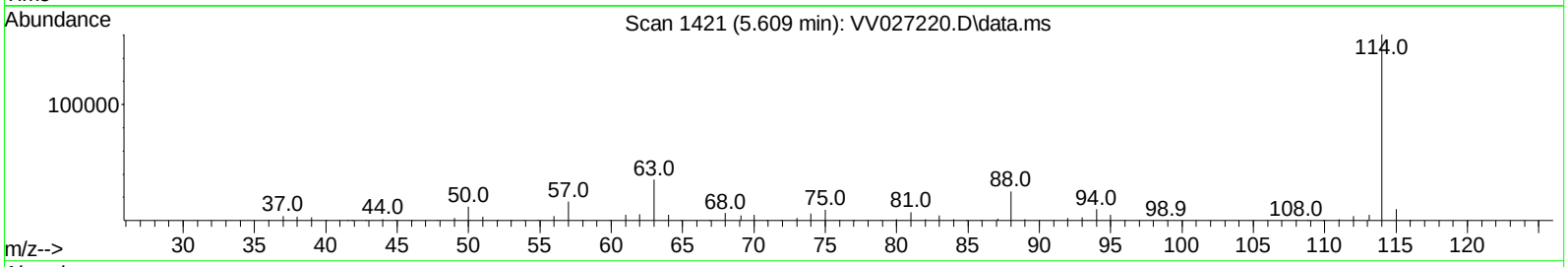

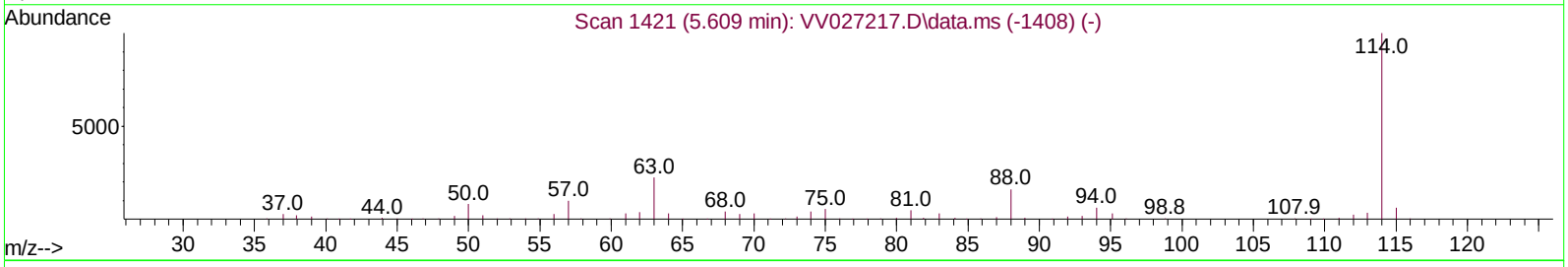

TIC: VV027220.D\data.ms

(1) 1,4-Difluorobenzene (I)

5.609min (+ 0.000) 50.00 ug/L m

response 337329

Ion	Exp%	Act%
114.00	100.00	100.00
63.00	18.10	0.02#
88.00	15.10	0.01#
0.00	0.00	0.00

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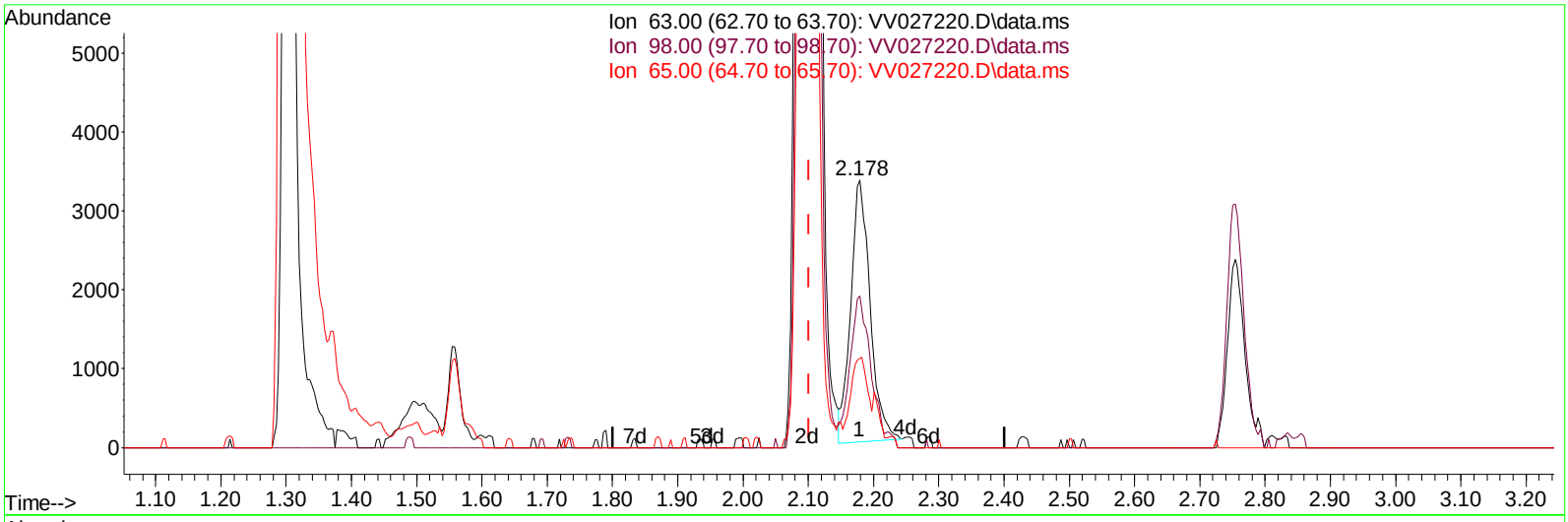

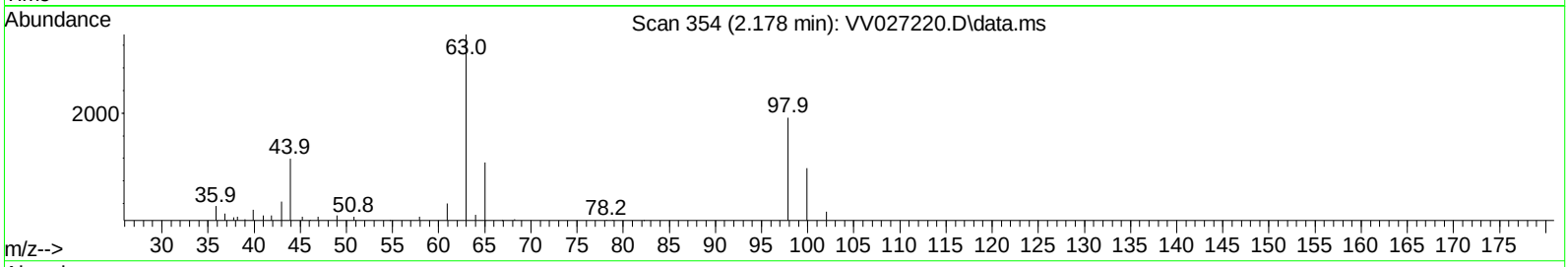

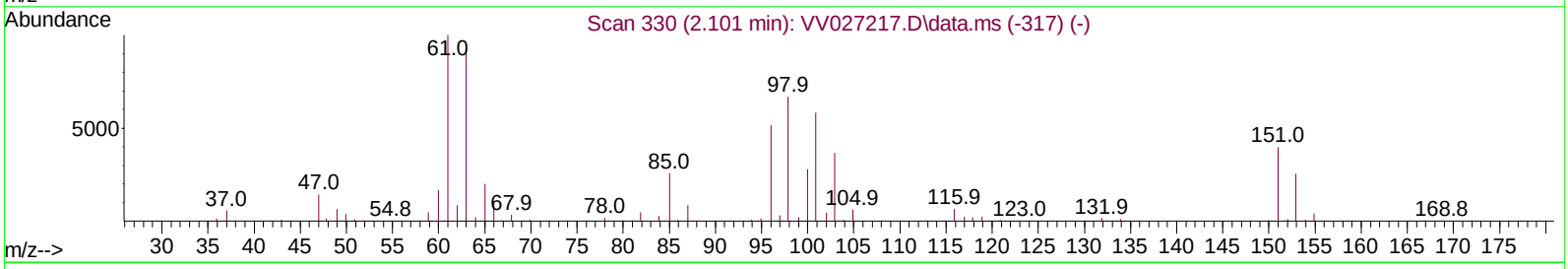

TIC: VV027220.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

2.178min (+ 0.077) 1.63 ug/L

response 6846

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	77.30	54.21
65.00	24.20	30.91
0.00	0.00	0.00

Quantitation Report (Qedit)

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Instrument :
MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

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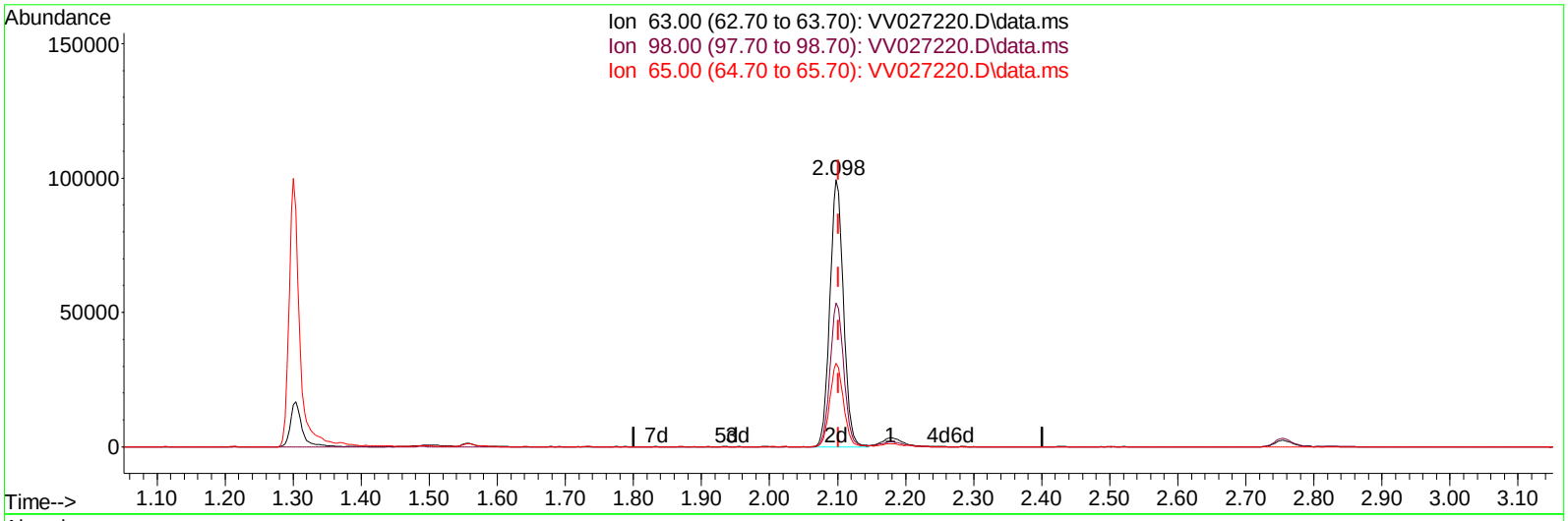

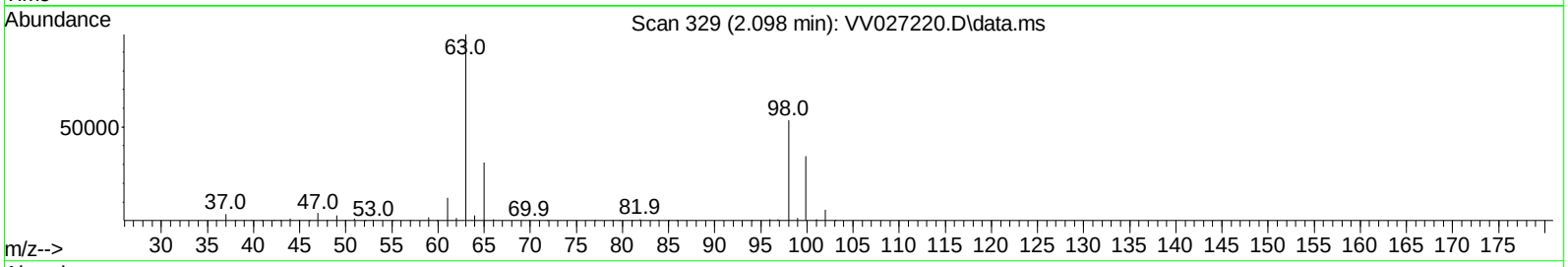

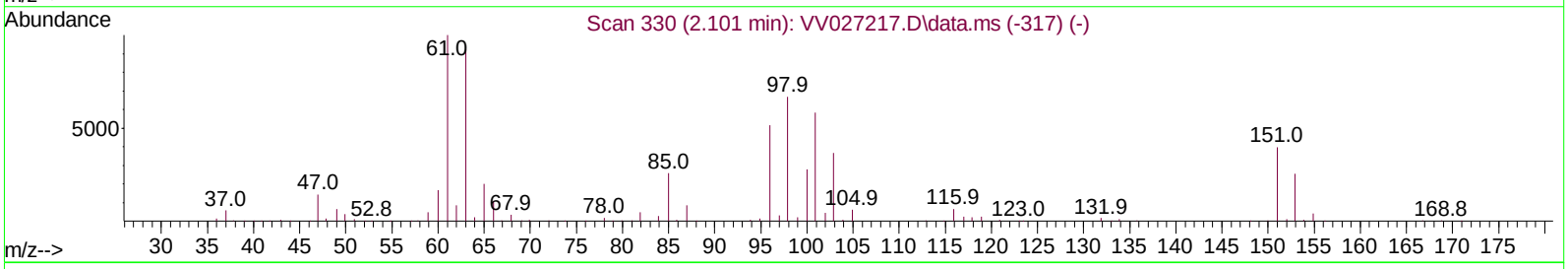

TIC: VV027220.D\data.ms

(11) 1,1-Dichloroethene-d2 (S)

2.098min (-0.003) 33.05 ug/L m

response 139029

Ion	Exp%	Act%
63.00	100.00	100.00
98.00	77.30	2.67#
65.00	24.20	1.52#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

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Supervised By :Mahesh Dadoda 08/08/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	337329m	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	331996	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	131943	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	108323	47.100	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.200%			
7) Chloroethane-d5	1.558	69	90154	53.621	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.240%			
11) 1,1-Dichloroethene-d2	2.098	63	139029m	33.049	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.100%			
21) 2-Butanone-d5	3.866	46	243398	118.897	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 118.900%			
24) Chloroform-d	4.336	84	251641	53.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.840%			
26) 1,2-Dichloroethane-d4	5.021	65	164503	56.242	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 112.480%			
32) Benzene-d6	5.040	84	431255	54.168	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 108.340%			
36) 1,2-Dichloropropane-d6	6.063	67	164765	58.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 116.360%			
41) Toluene-d8	7.310	98	317290	46.755	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.520%			
43) trans-1,3-Dichloroprop...	7.616	79	67546	54.719	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 109.440%			
47) 2-Hexanone-d5	8.085	63	154681	113.401	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 113.400%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	262179	56.808	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 113.620%			
66) 1,2-Dichlorobenzene-d4	11.622	152	153108	67.196	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 134.400%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	261356	76.529	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	9388	3.630	ug/L	92
20) cis-1,2-Dichloroethene	3.902	96	2931	1.091	ug/L	84

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

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