

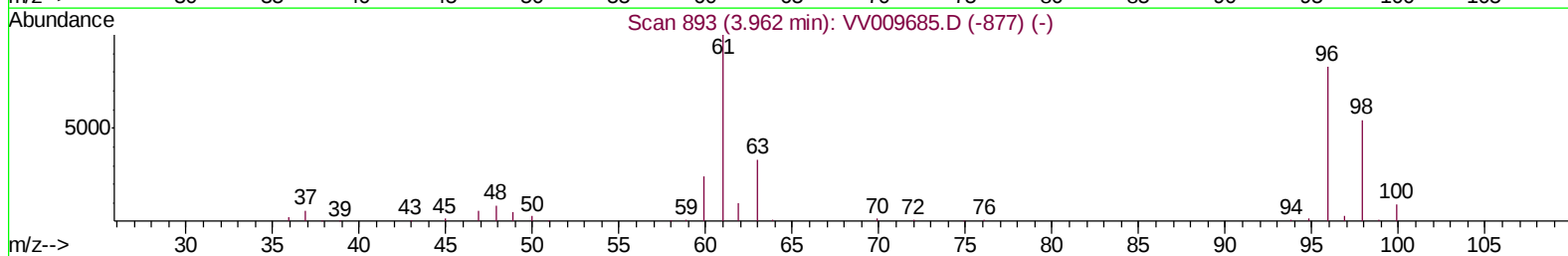
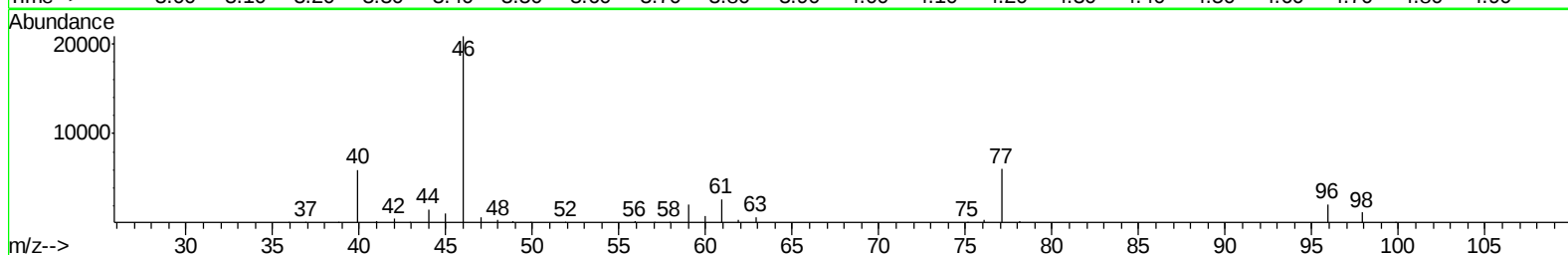
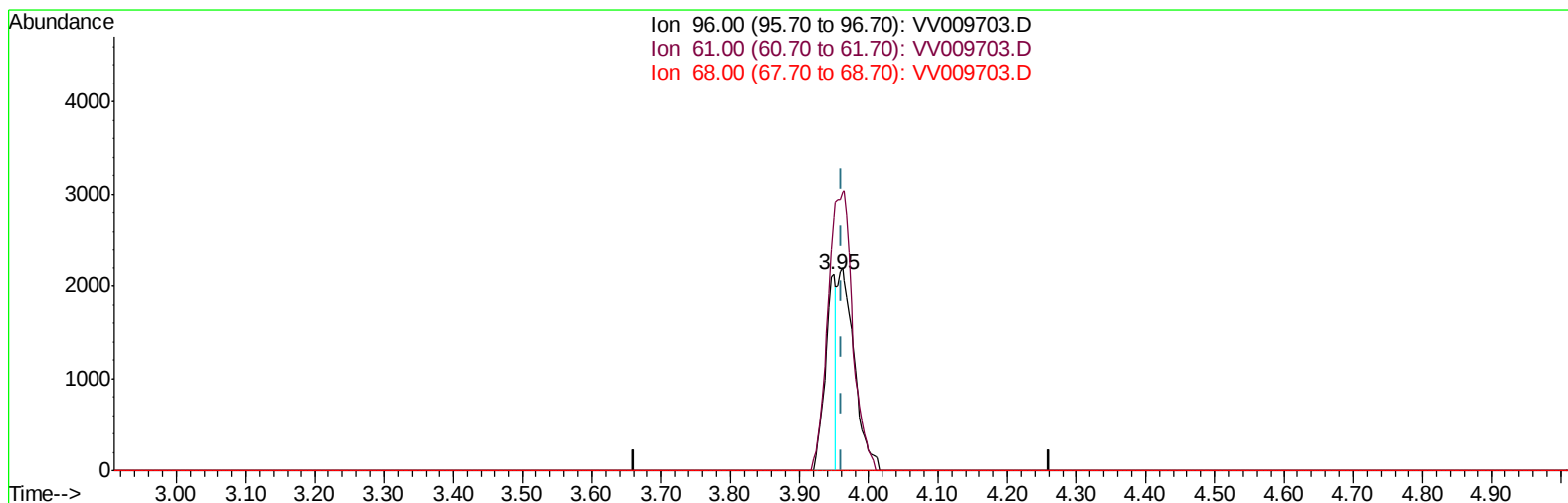
Data File : VV009703.D
Acq On : 15 Mar 2019 22:22
Operator : SY/MD
Sample : K1939-20
Misc : 5.30g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0Y3ME

Manual Integrations
APPROVED

MMDadoda
3/18/2019 10:31:21 AM

Quant Time: Mar 16 02:38:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031219WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 02:32:06 2019
Response via : Initial Calibration



TIC: VV009703.D

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

3.949min (-0.013) 1.99ug/L

response 2301

Ion	Exp%	Act%
96.00	100	100
61.00	117.70	129.29
68.00	0.00	0.00
0.00	0.00	0.00

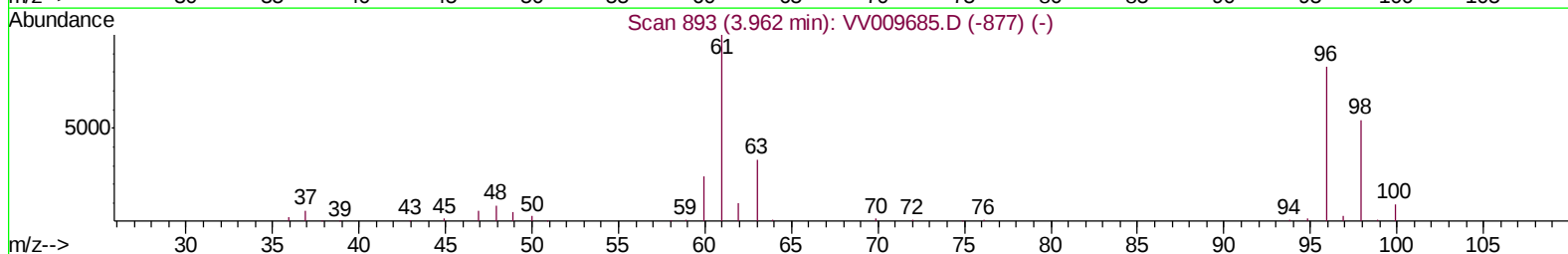
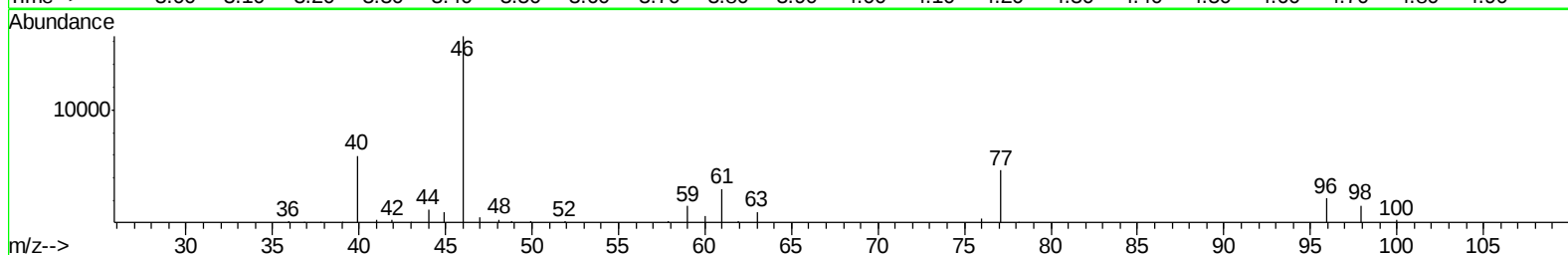
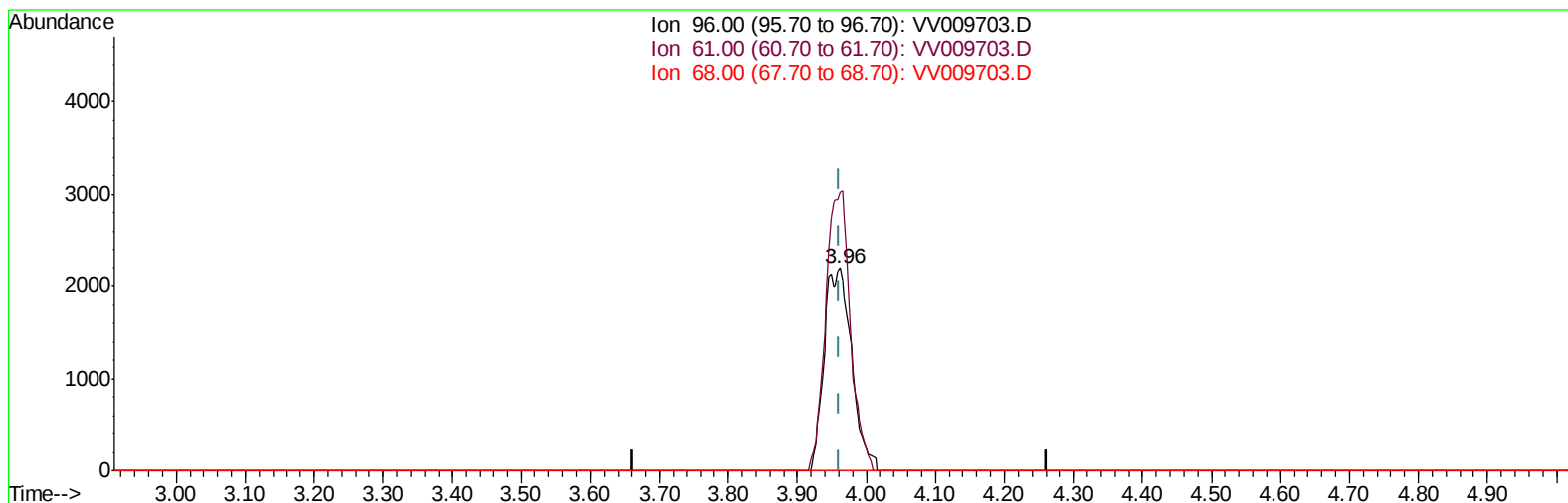
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TIC: VV009703.D

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

3.962min (-0.000) 5.20ug/L m

response 6025

Ion	Exp%	Act%
96.00	100	100
61.00	117.70	138.04
68.00	0.00	0.00
0.00	0.00	0.00

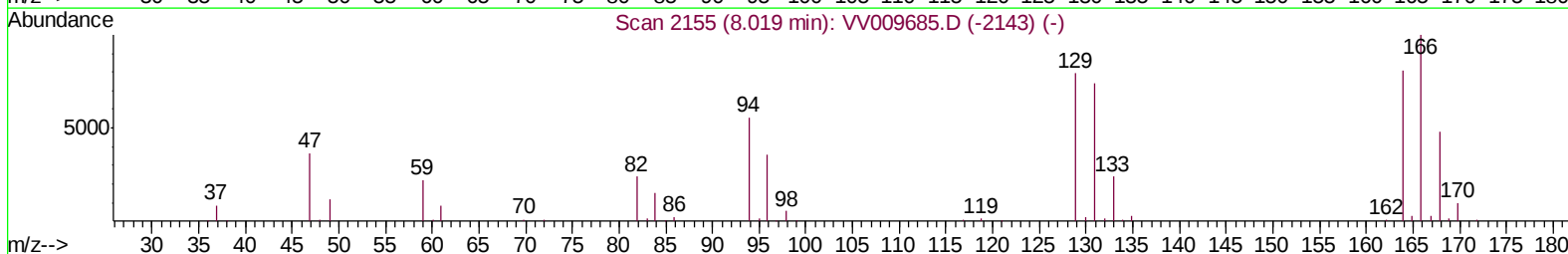
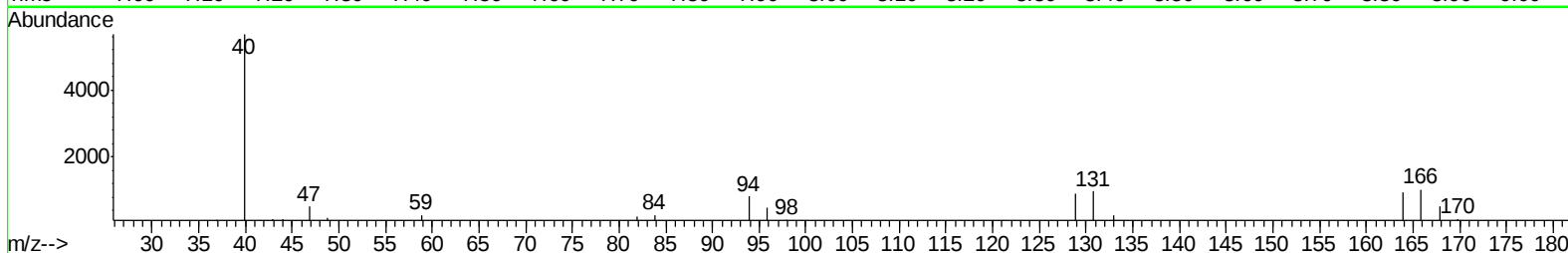
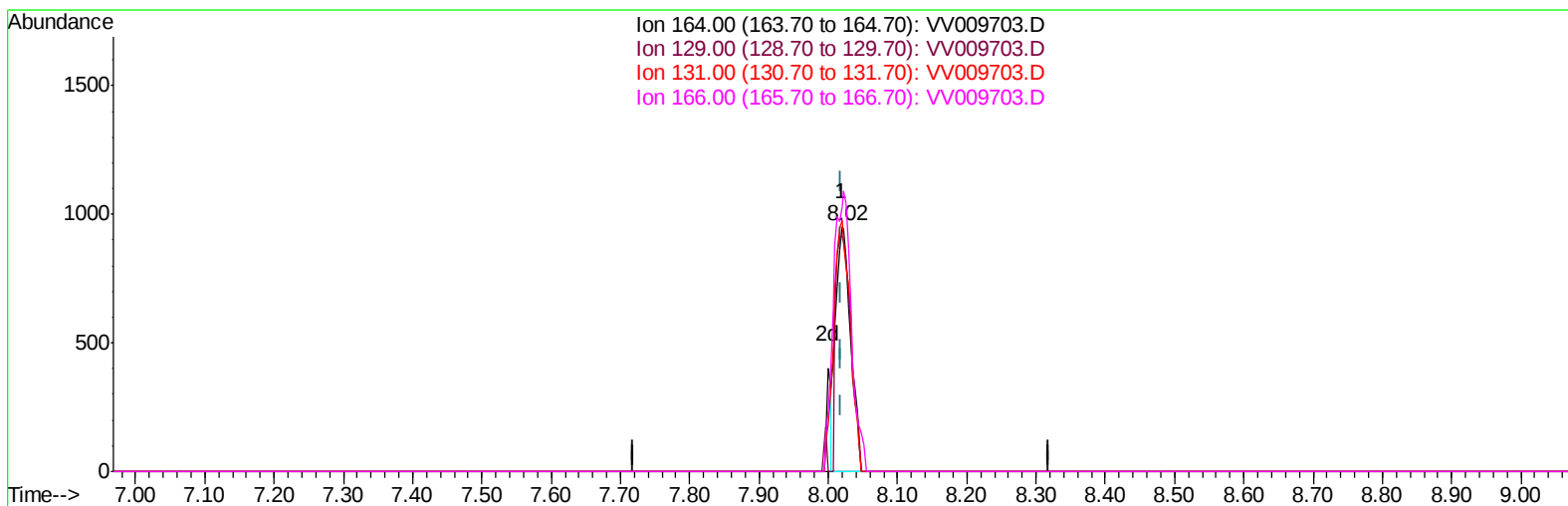
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Instrument :
MSVOA_V
ClientSampleId :
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Manual Integrations
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TIC: VV009703.D

(46) Tetrachloroethene (T)
8.019min (-0.000) 1.63ug/L
response 1445

Ion	Exp%	Act%
164.00	100	100
129.00	101.20	96.12
131.00	97.60	102.41
166.00	127.90	107.97

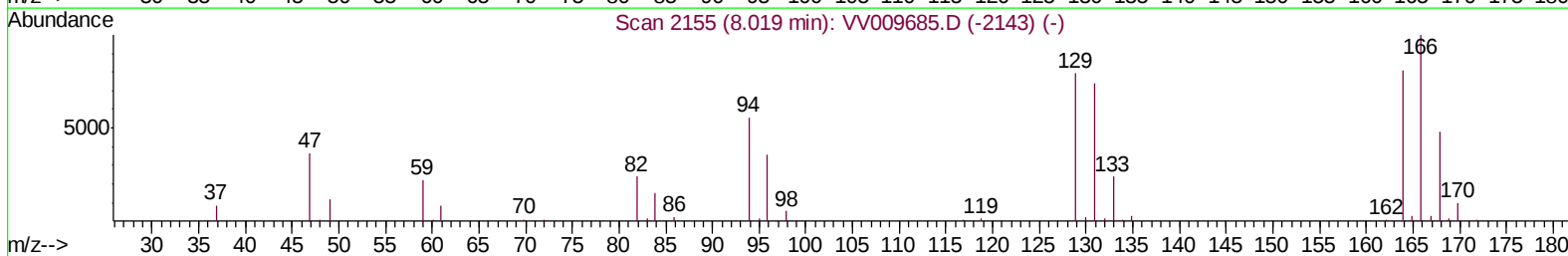
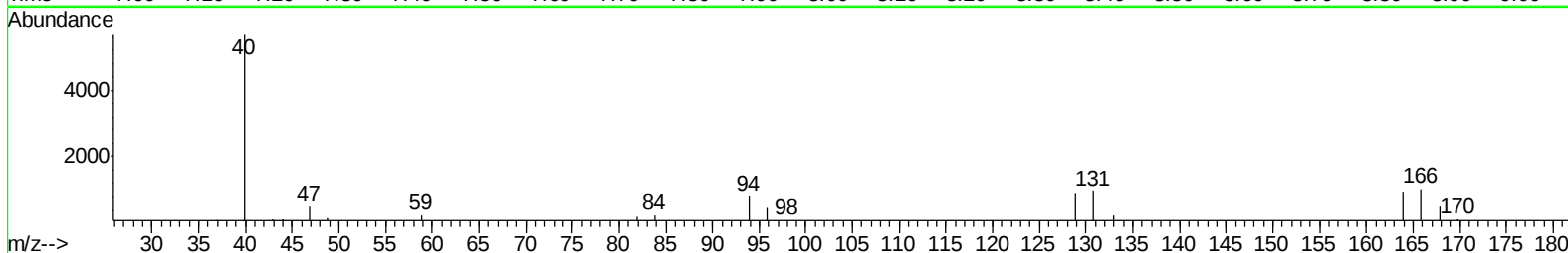
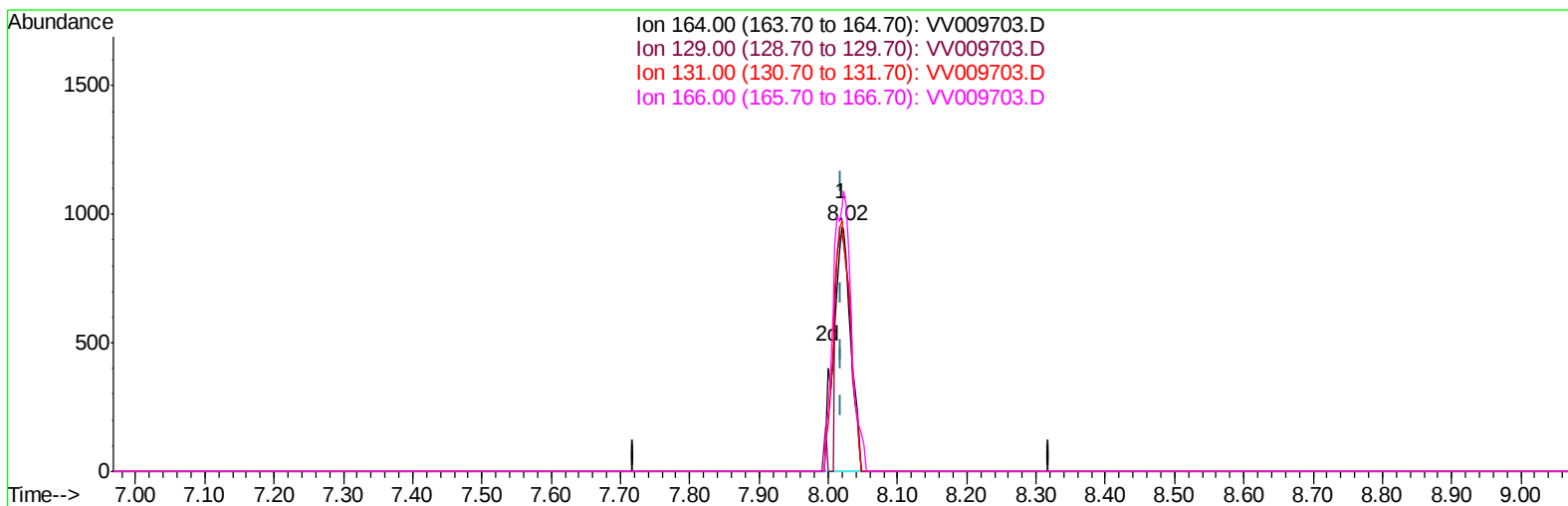
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Instrument :
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ClientSampleId :
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Manual Integrations
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TIC: VV009703.D

(46) Tetrachloroethene (T)

8.019min (-0.000) 1.81ug/L m

response 1608

Ion	Exp%	Act%
164.00	100	100
129.00	101.20	96.12
131.00	97.60	102.41
166.00	127.90	107.97

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Quant Time: Mar 16 04:21:59 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	168688	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168606	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	74957	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35654	35.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.42%
7) Chloroethane-d5	1.55	69	23155	22.28	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	44.56%#
11) 1,1-Dichloroethene-d2	2.10	63	79049	30.01	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.02%
21) 2-Butanone-d5	3.95	46	70405	95.43	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.43%
24) Chloroform-d	4.40	84	90779	41.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.24%
26) 1,2-Dichloroethane-d4	5.08	65	63259	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
32) Benzene-d6	5.09	84	186359	42.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.02%
36) 1,2-Dichloropropane-d6	6.12	67	57827	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.22%
41) Toluene-d8	7.36	98	179080	41.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.86%
43) trans-1,3-Dichloropropene-	7.67	79	26495	39.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.26%
47) 2-Hexanone-d5	8.14	63	57621	100.49	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.49%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	95861	45.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.04%
64) 1,2-Dichlorobenzene-d4	11.68	152	69379	43.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.74%

Target Compounds					Qvalue
20) cis-1,2-Dichloroethene	3.96	96	6025m	5.198 ug/L	
34) Trichloroethene	5.96	95	4057	3.592 ug/L	86
46) Tetrachloroethene	8.02	164	1608m	1.811 ug/L	

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

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