

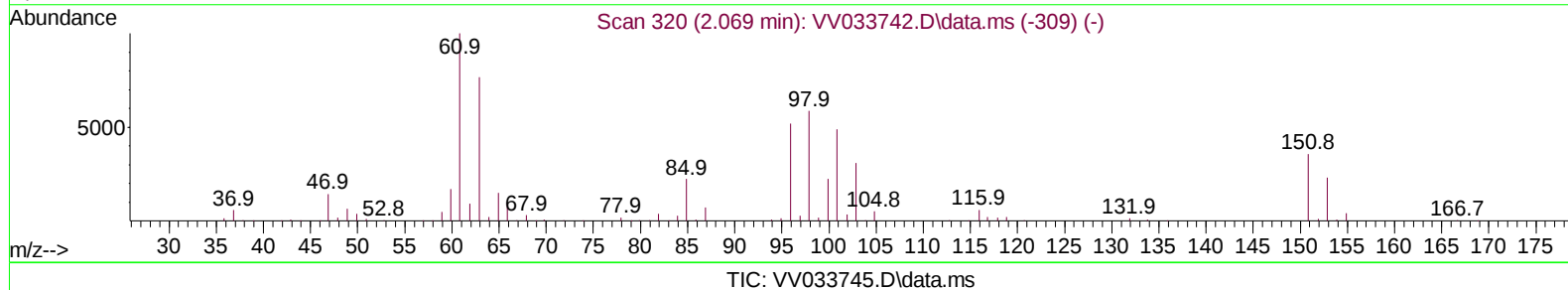
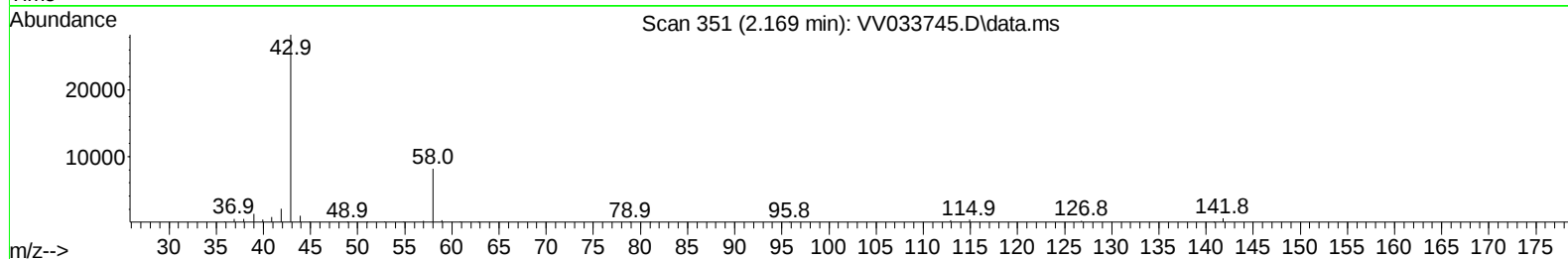
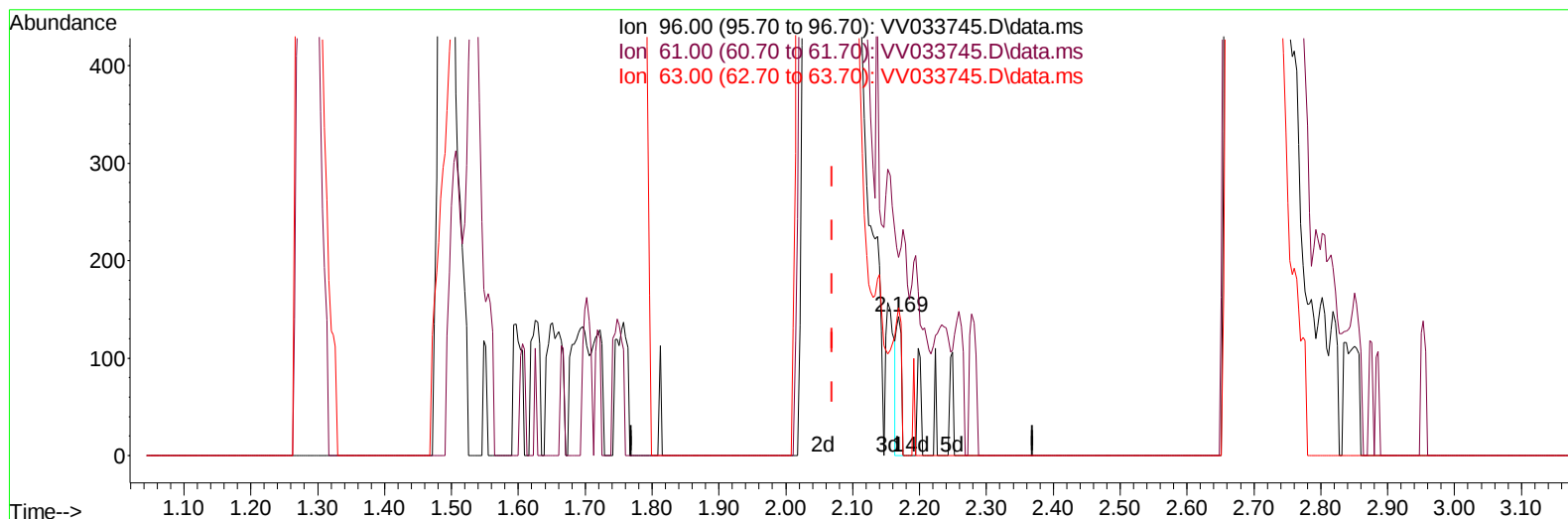
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
Data File : VV033745.D
Acq On : 19 Jan 2024 11:27
Operator : SY/MD
Sample : P1160-10
Misc : 10.0g/10mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
XA319

Manual IntegrationsAPPROVED

Quant Time: Jan 19 22:21:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 19 22:20:26 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 01/24/2024
Supervised By :Semsettin Yesilyurt 01/24/2024



(12) 1,1-Dichloroethene (T)

2.169min (+ 0.100) 0.04 ug/L

response 77

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	191.40	141.96
63.00	147.70	106.29
0.00	0.00	0.00

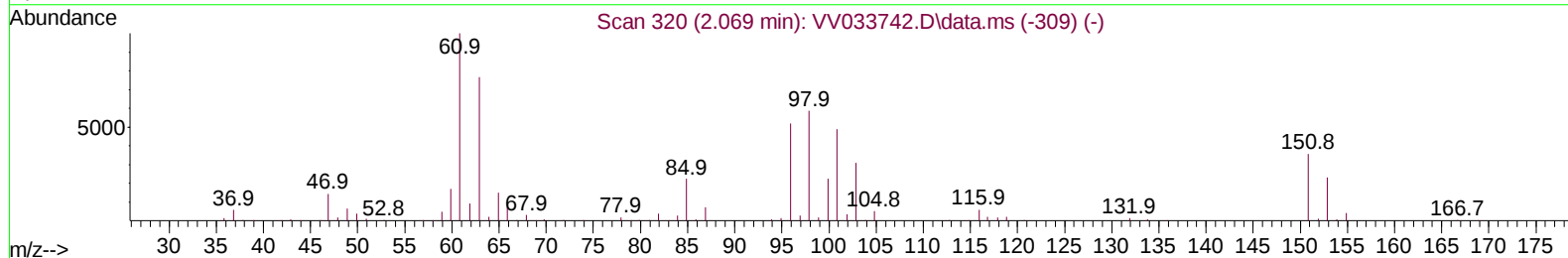
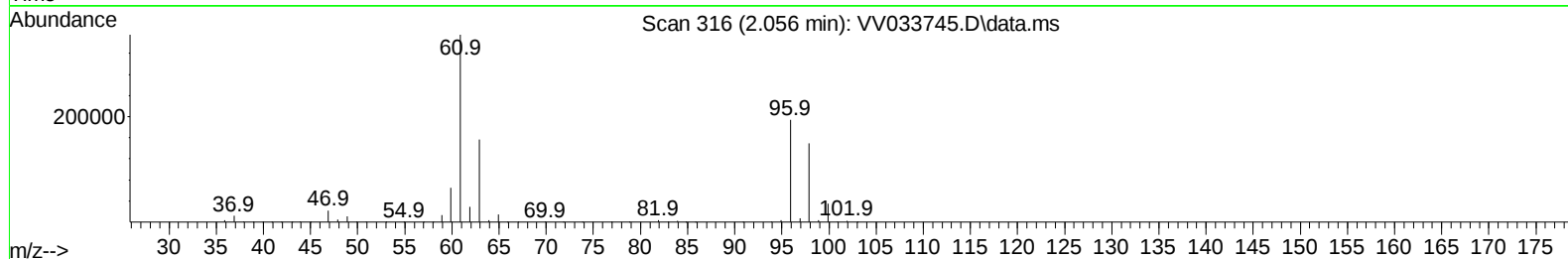
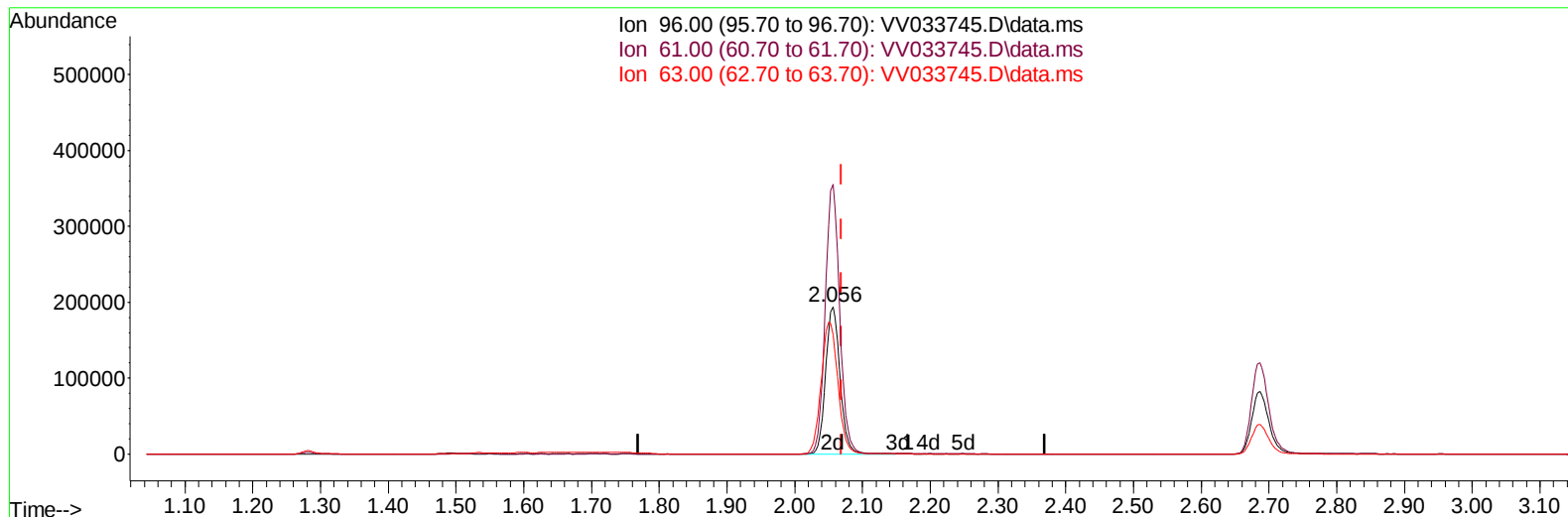
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TIC: VV033745.D\data.ms

(12) 1,1-Dichloroethene (T)

2.056min (-0.013) 165.87 ug/L m

response 284941

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	191.40	182.99
63.00	147.70	80.84#
0.00	0.00	0.00

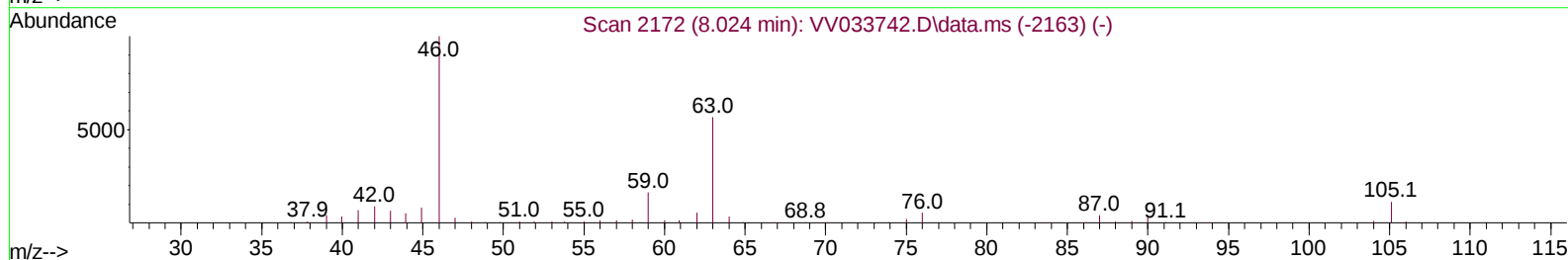
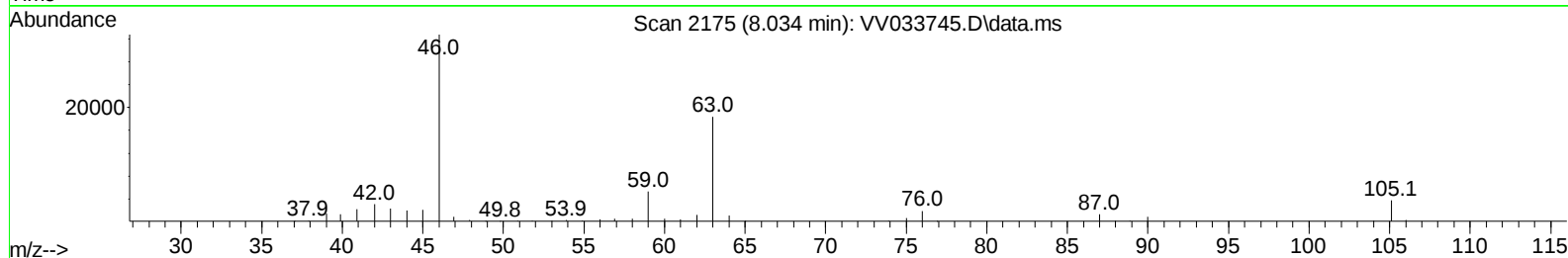
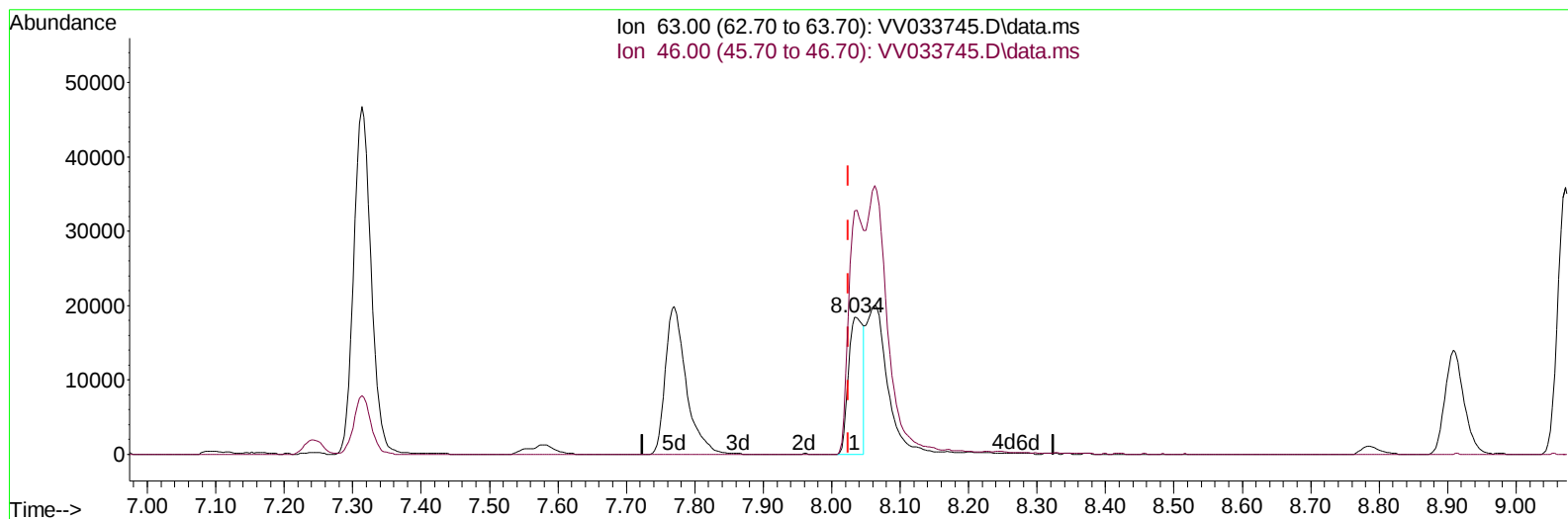
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TIC: VV033745.D\data.ms

(47) 2-Hexanone-d5 (S)

8.034min (+ 0.010) 27.13 ug/L

response 27418

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	185.80	197.64
0.00	0.00	0.00
0.00	0.00	0.00

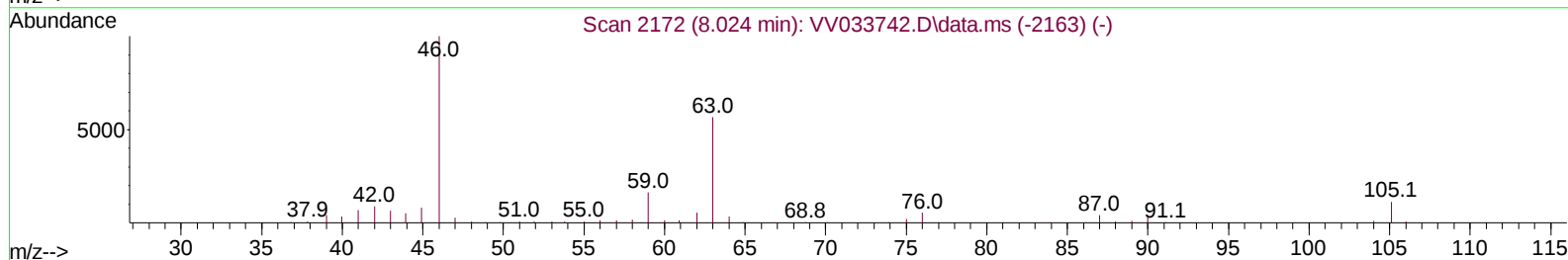
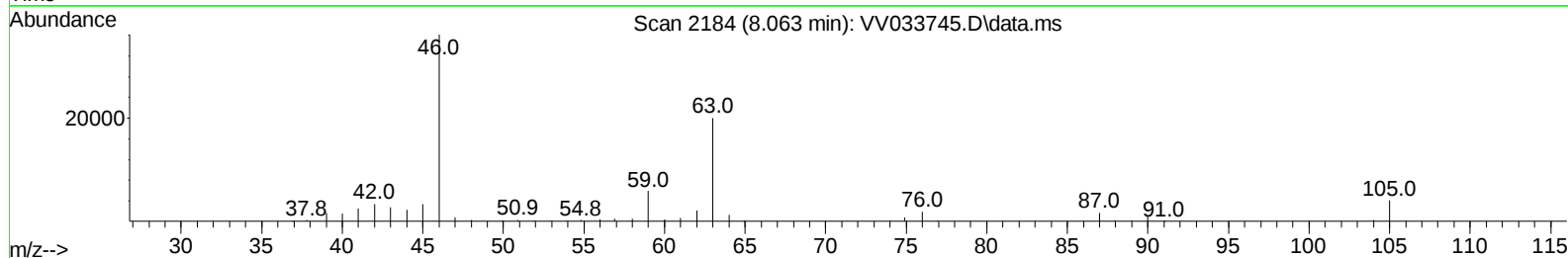
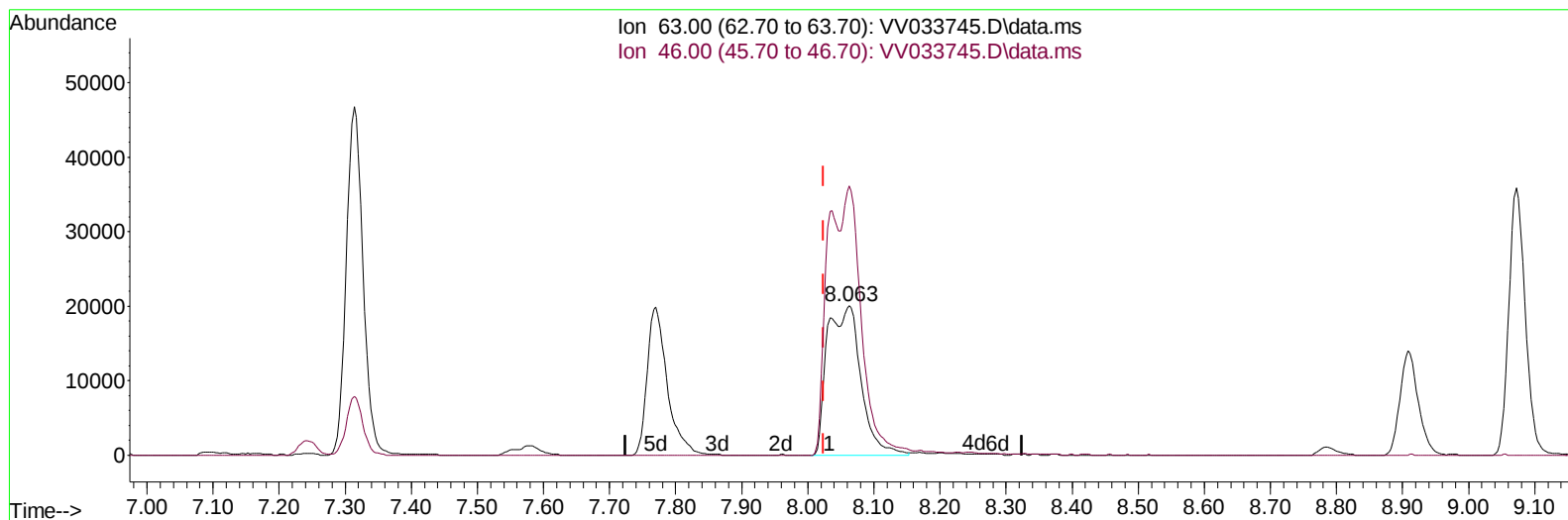
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TIC: VV033745.D\data.ms

(47) 2-Hexanone-d5 (S)

8.063min (+ 0.038) 69.88 ug/L m

response 70626

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	185.80	76.73#
0.00	0.00	0.00
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	5.532	114	286237	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	260383	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	130668	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	83910	38.143	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	76.280%	
7) Chloroethane-d5	1.532	69	59666	34.249	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	68.500%#	
11) 1,1-Dichloroethene-d2	2.043	65	41521	43.856	ug/L	-0.02
Spiked Amount 50.000	Range 60	- 125	Recovery	=	87.720%	
21) 2-Butanone-d5	3.812	46	80067	53.063	ug/L	0.03
Spiked Amount 100.000	Range 40	- 130	Recovery	=	53.060%	
24) Chloroform-d	4.249	84	175927	44.724	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	89.440%	
26) 1,2-Dichloroethane-d4	4.940	65	112037	44.081	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	88.160%	
32) Benzene-d6	4.957	84	329040	44.450	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	88.900%	
36) 1,2-Dichloropropane-d6	5.989	67	102053	41.882	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	83.760%	
41) Toluene-d8	7.243	98	301221	45.162	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	90.320%	
43) trans-1,3-Dichloroprop...	7.555	79	54522	45.274	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	90.540%	
47) 2-Hexanone-d5	8.063	63	70626m	69.877	ug/L	0.04
Spiked Amount 100.000	Range 45	- 130	Recovery	=	69.880%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	120104	38.610	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	77.220%	
66) 1,2-Dichlorobenzene-d4	11.564	152	107592	43.399	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	86.800%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.056	96	284941m	165.871	ug/L	
13) Acetone	2.134	43	283948	196.819	ug/L	100
15) Methyl Acetate	2.381	43	24583	10.420	ug/L #	100
16) Methylene chloride	2.442	84	60468	28.854	ug/L	94
17) trans-1,2-Dichloroethene	2.687	96	144721	75.418	ug/L	95
25) Chloroform	4.275	83	286676	77.072	ug/L	99
27) 1,2-Dichloroethane	5.040	62	165830	53.377	ug/L	99
33) Benzene	5.005	78	724745	94.765	ug/L	100
34) Trichloroethene	5.828	95	388096	189.175	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	231872	65.978	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	230153	73.806	ug/L	99
42) Toluene	7.313	91	874863	108.215	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	417298	128.853	ug/L	100
45) 1,1,2-Trichloroethane	7.770	97	189577	99.280	ug/L	98
46) Tetrachloroethene	7.908	164	5228	3.474	ug/L	94
49) Dibromochloromethane	8.178	129	389534	195.868	ug/L	99
50) 1,2-Dibromoethane	8.281	107	190039	94.175	ug/L #	100
53) m,p-Xylene	9.072	106	436751	126.341	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

54) o-Xylene	9.480	106	238418	69.665	ug/L	99
55) Styrene	9.500	104	1045148	176.883	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	471663	155.209	ug/L	99
59) Bromoform	9.673	173	60232	43.371	ug/L	97
61) 1,2,3-Trichloropropane	10.217	75	323804	139.630	ug/L	97
64) 1,3-Dichlorobenzene	11.120	146	515862	129.179	ug/L	99
65) 1,4-Dichlorobenzene	11.214	146	213834	53.403	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	59045	88.233	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	321178	119.914	ug/L	99

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

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