

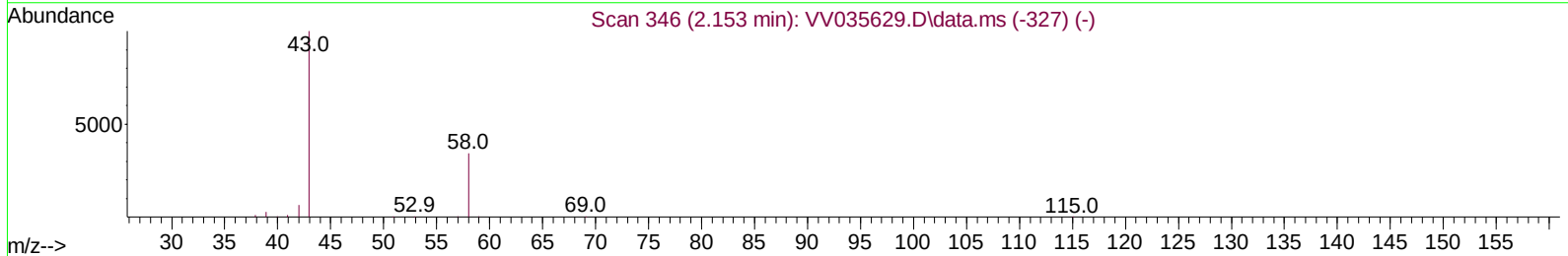
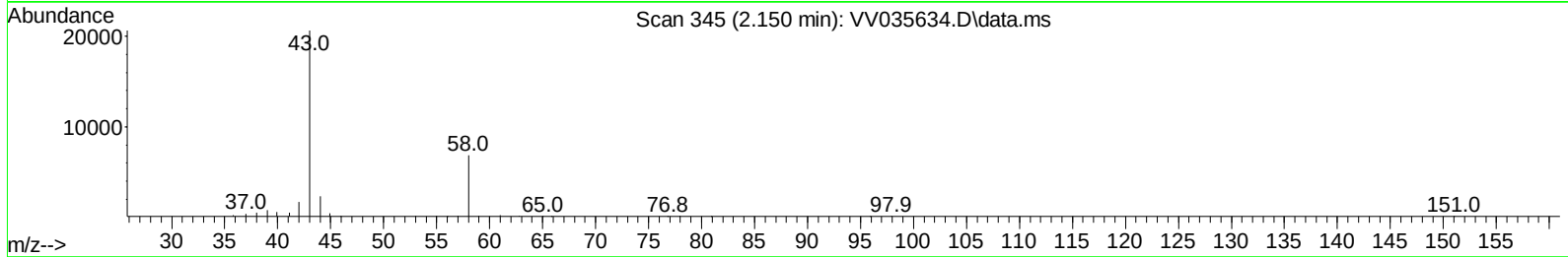
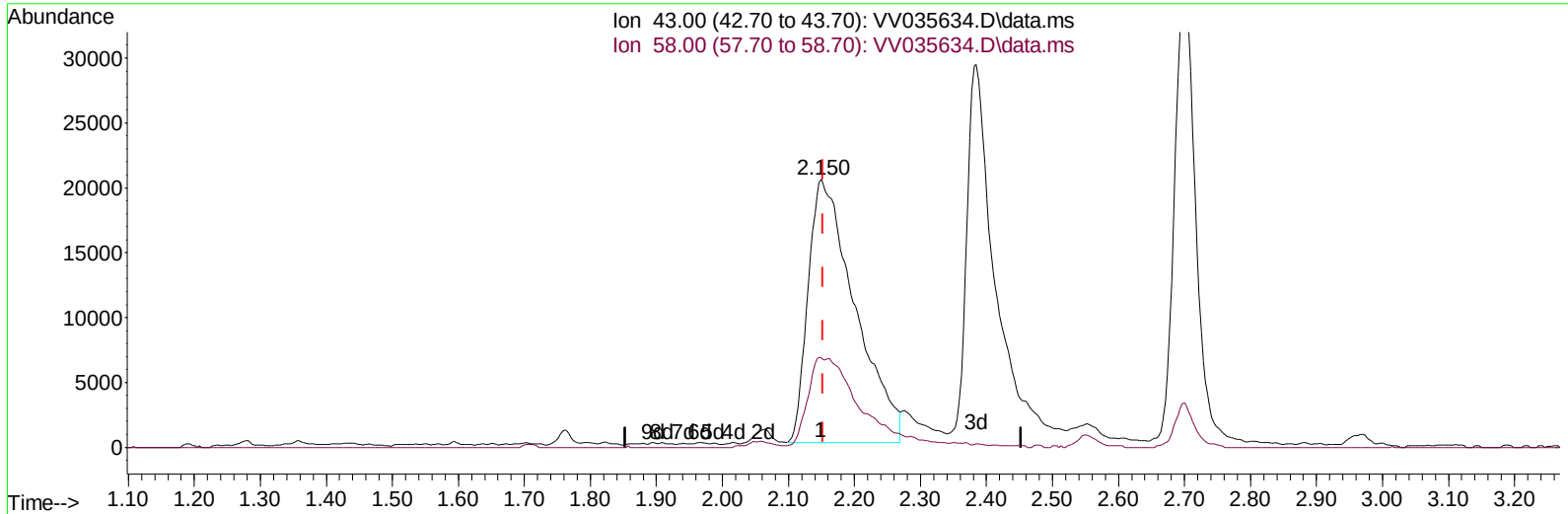
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
 Data File : VV035634.D
 Acq On : 21 May 2024 08:24
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 LabSampleId :
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: May 22 02:10:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 21 02:11:46 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024



TIC: VV035634.D\data.ms

(13) Acetone (T)

2.150min (-0.003) 38.21 ug/L

response 99556

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	11.40	12.69
0.00	0.00	0.00
0.00	0.00	0.00

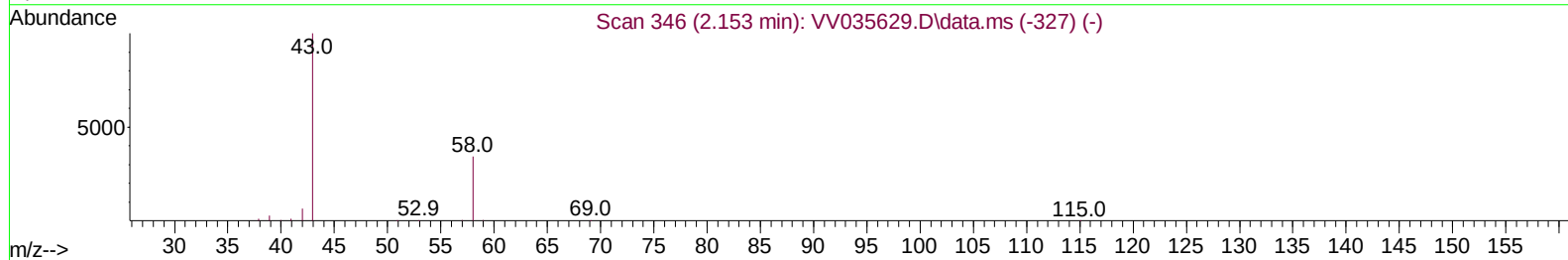
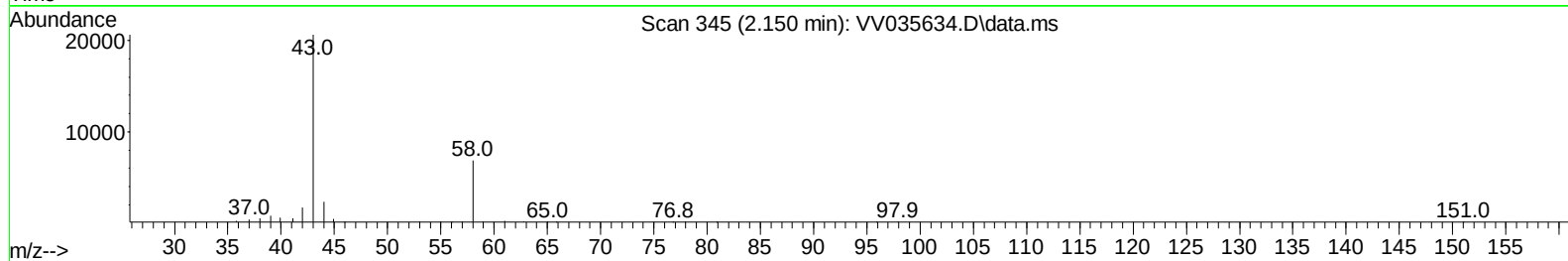
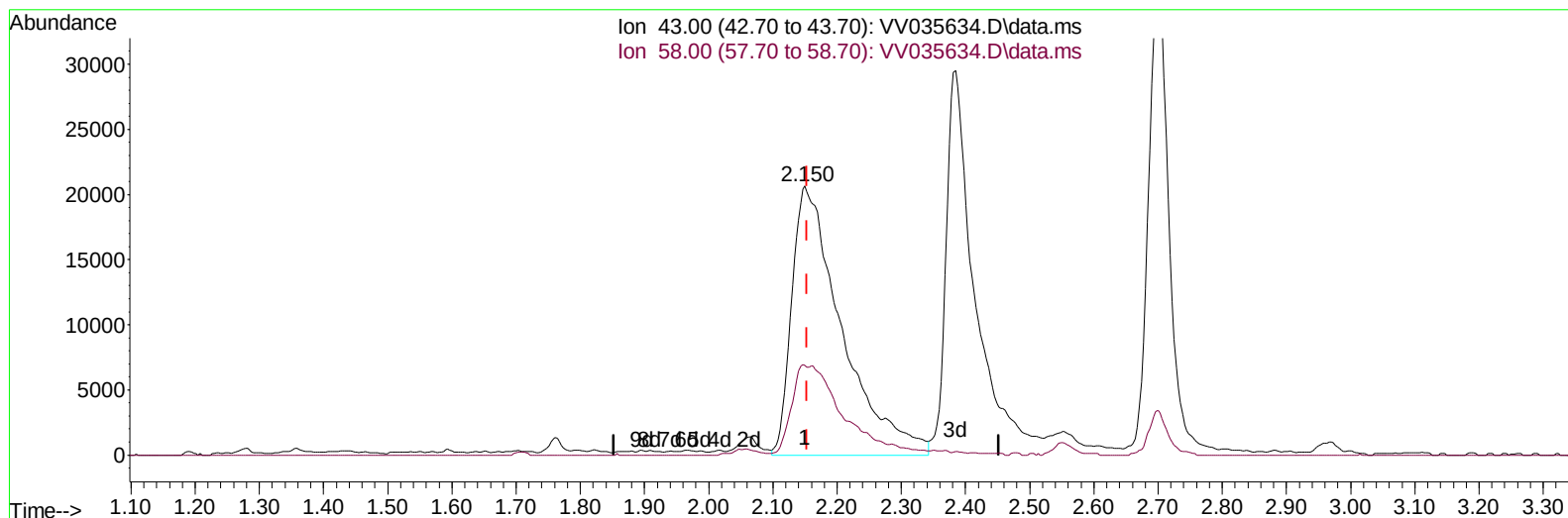
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(13) Acetone (T)

2.150min (-0.003) 42.72 ug/L m

response 111327

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	11.40	11.35
0.00	0.00	0.00
0.00	0.00	0.00

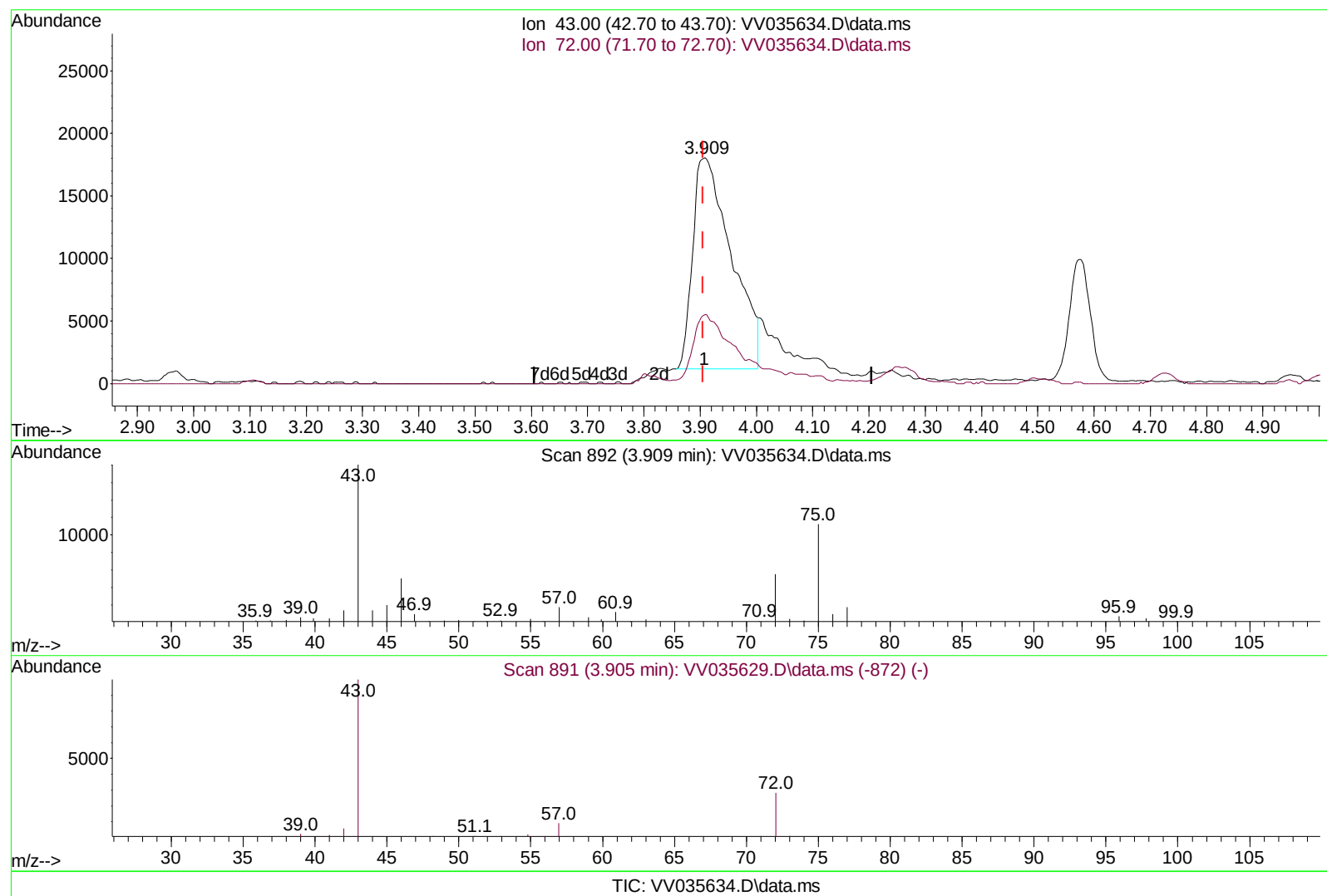
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Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



(22) 2-Butanone (T)

3.909min (+ 0.003) 33.30 ug/L

response 80589

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	24.60	27.70
0.00	0.00	0.00
0.00	0.00	0.00

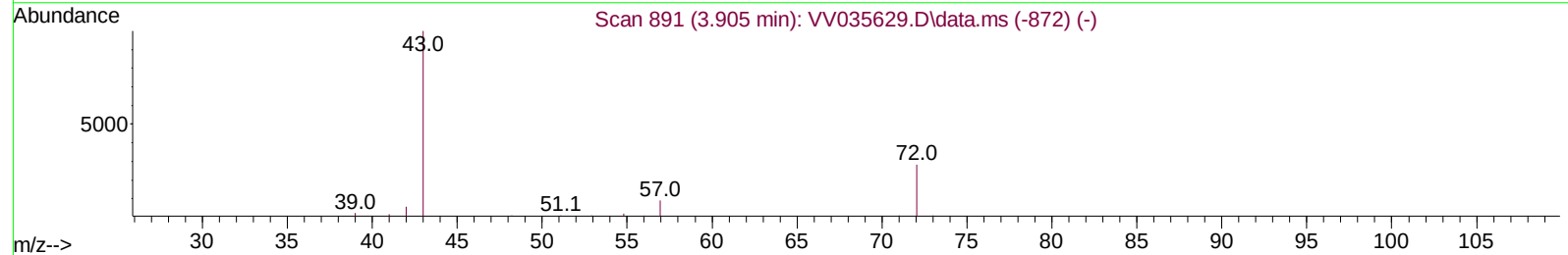
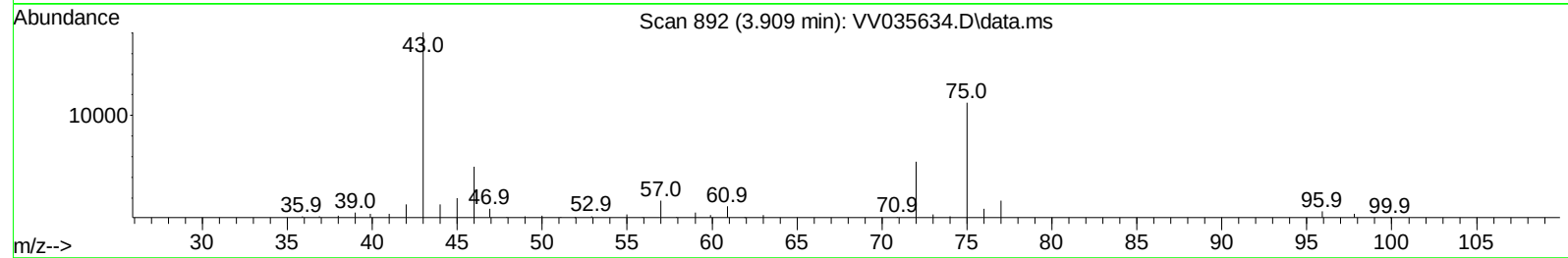
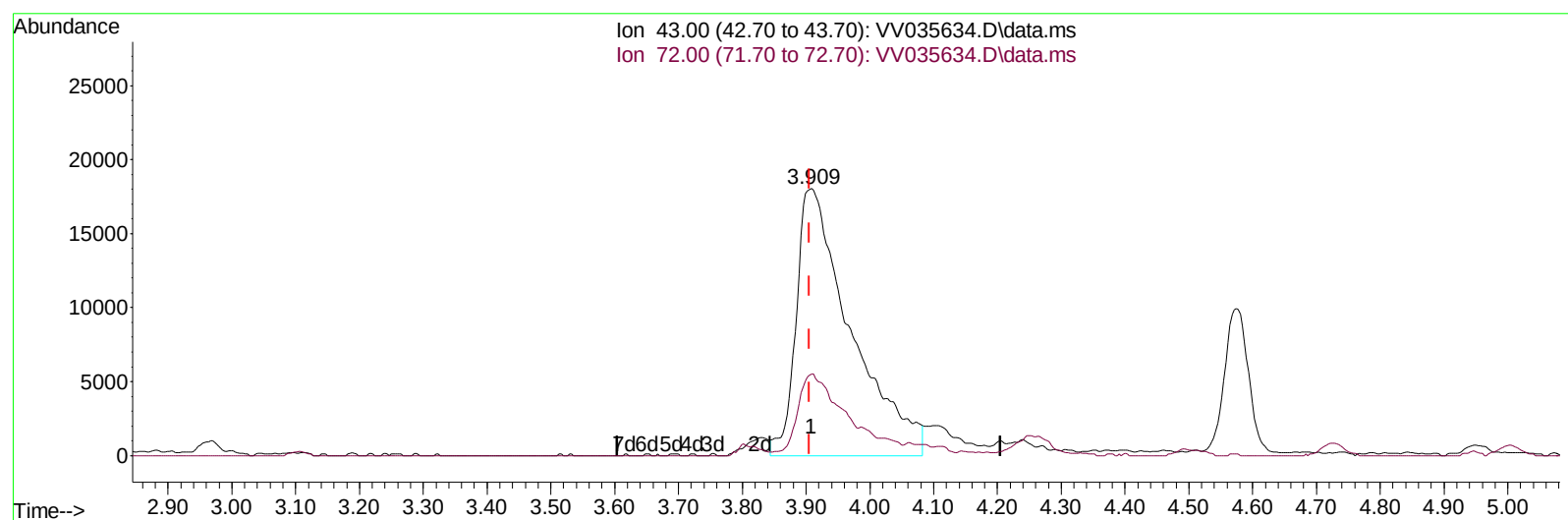
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Instrument :
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TIC: VV035634.D\data.ms

(22) 2-Butanone (T)

3.909min (+ 0.003) 44.31 ug/L m

response 107232

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	24.60	20.81
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	5.529	114	405833	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	419038	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	239727	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	146775	23.399	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	93.600%	
7) Chloroethane-d5	1.529	69	126053	24.910	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	99.640%	
11) 1,1-Dichloroethene-d2	2.053	65	68448	24.648	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	98.600%	
21) 2-Butanone-d5	3.838	46	85150	47.834	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	95.660%	
24) Chloroform-d	4.240	84	323535	26.816	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	107.280%	
26) 1,2-Dichloroethane-d4	4.937	65	153163	25.679	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	102.720%	
32) Benzene-d6	4.954	84	577682	25.184	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	100.720%	
36) 1,2-Dichloropropane-d6	5.982	67	184258	26.030	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	104.120%	
41) Toluene-d8	7.240	98	520155	25.479	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	101.920%	
43) trans-1,3-Dichloroprop...	7.551	79	73568	24.300	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	97.200%	
47) 2-Hexanone-d5	8.027	63	62303	48.946	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	97.900%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	164536	24.121	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	96.480%	
66) 1,2-Dichlorobenzene-d4	11.558	152	203421	24.451	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	97.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	209901	25.440	ug/L	99
3) Chloromethane	1.211	50	197644	23.859	ug/L	100
5) Vinyl chloride	1.278	62	222414	25.988	ug/L	100
6) Bromomethane	1.484	94	133817	24.694	ug/L	99
8) Chloroethane	1.545	64	140758	26.680	ug/L	97
9) Trichlorofluoromethane	1.709	101	308911	27.653	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	203369	28.854	ug/L	99
12) 1,1-Dichloroethene	2.063	96	172030	27.022	ug/L	94
13) Acetone	2.150	43	111327m	42.722	ug/L	
14) Carbon disulfide	2.233	76	455898	22.609	ug/L	99
15) Methyl Acetate	2.384	43	80565	20.407	ug/L	92
16) Methylene chloride	2.439	84	203610	21.757	ug/L	95
17) trans-1,2-Dichloroethene	2.687	96	186054	26.325	ug/L	99
18) Methyl tert-butyl Ether	2.700	73	450823	26.444	ug/L	99
19) 1,1-Dichloroethane	3.105	63	374931	28.298	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	202203	26.392	ug/L	97
22) 2-Butanone	3.909	43	107232m	44.312	ug/L	
23) Bromochloromethane	4.140	128	96250	25.974	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.269	83	385420	28.170	ug/L	99
27) 1,2-Dichloroethane	5.037	62	231273	27.146	ug/L	99
29) Cyclohexane	4.574	56	270624	27.007	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	334867	28.821	ug/L	99
31) Carbon tetrachloride	4.725	117	291972	28.640	ug/L	100
33) Benzene	5.002	78	775761	27.972	ug/L	100
34) Trichloroethene	5.828	95	226512	28.874	ug/L	100
35) Methylcyclohexane	6.043	83	320198	26.885	ug/L	97
37) 1,2-Dichloropropane	6.085	63	204381	28.246	ug/L	100
38) Bromodichloromethane	6.426	83	274851	28.040	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	308480	27.258	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	217715	50.241	ug/L	96
42) Toluene	7.310	91	835219	28.458	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	266330	26.902	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	165219	26.874	ug/L	98
46) Tetrachloroethene	7.899	164	172279	27.031	ug/L	99
48) 2-Hexanone	8.079	43	154217	47.464	ug/L	99
49) Dibromochloromethane	8.172	129	187171	26.981	ug/L	99
50) 1,2-Dibromoethane	8.278	107	155283	25.638	ug/L	100
51) Chlorobenzene	8.809	112	552176	27.114	ug/L	100
52) Ethylbenzene	8.944	91	924357	28.525	ug/L	100
53) m,p-Xylene	9.069	106	354163	28.807	ug/L	100
54) o-Xylene	9.474	106	333400	28.613	ug/L	99
55) Styrene	9.490	104	604843	29.761	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	169434	22.624	ug/L	99
59) Bromoform	9.661	173	119458	25.356	ug/L	99
60) Isopropylbenzene	9.863	105	948486	29.702	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	144083	25.649	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	750757	29.969	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	758105	29.449	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	459461	27.417	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	471343	27.168	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	428550	27.166	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	31545	24.212	ug/L	93
69) 1,3,5-Trichlorobenzene	12.577	180	350497	26.764	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	279022	25.516	ug/L	99
71) Naphthalene	13.435	128	413182	21.523	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	247362	25.145	ug/L	99

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

Manual IntegrationsAPPROVED

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