

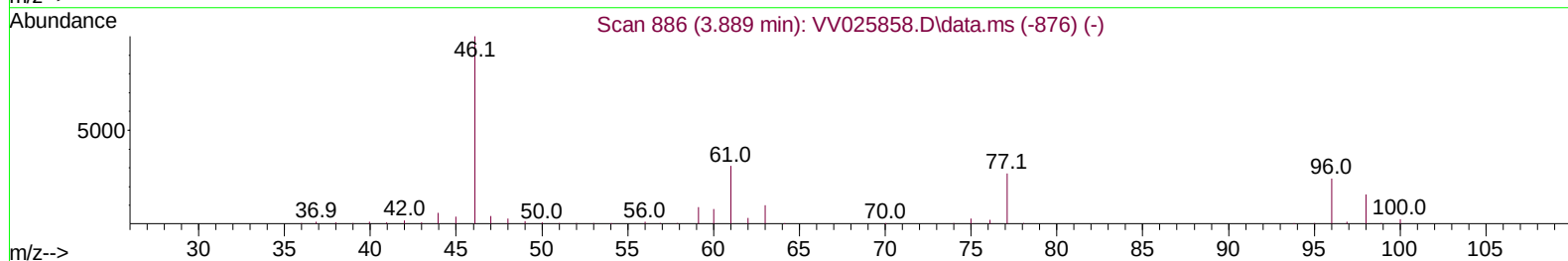
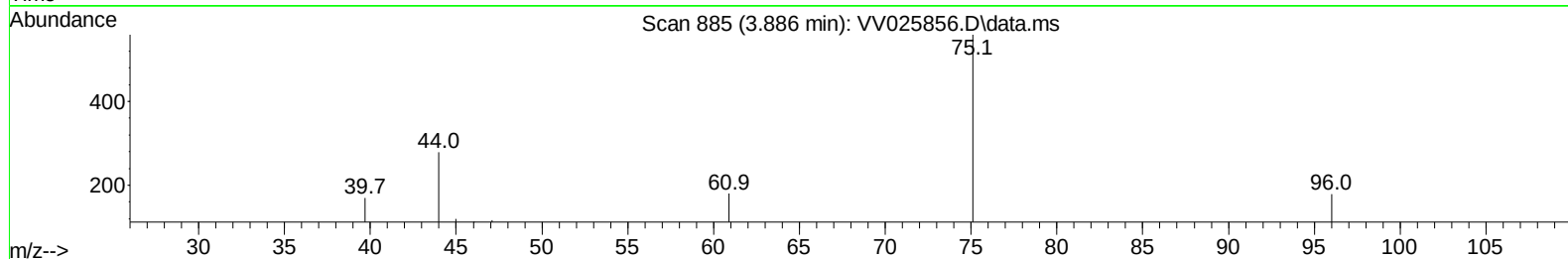
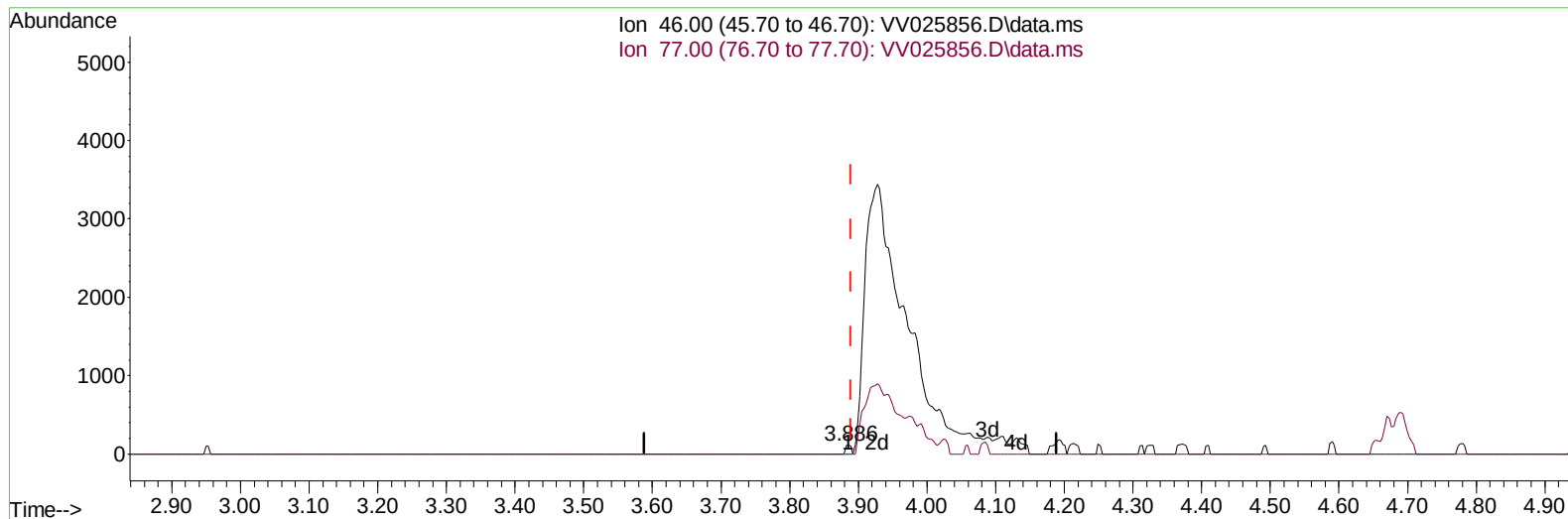
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051022\
 Data File : VV025856.D
 Acq On : 10 May 2022 11:02
 Operator : SY/MD
 Sample : VSTD00513
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005213

Manual IntegrationsAPPROVED

Quant Time: May 11 03:17:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 11 03:13:58 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



TIC: VV025856.D\data.ms

(21) 2-Butanone-d5 (S)

3.886min (-0.003) 0.03 ug/L

response 63

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

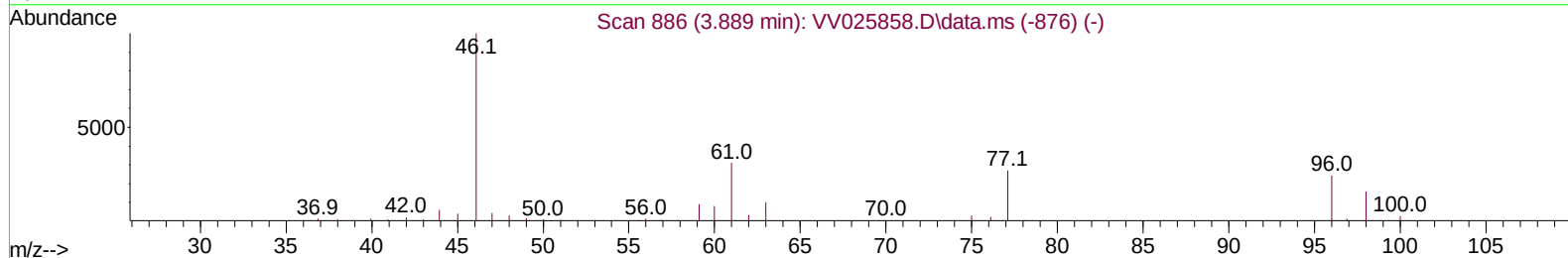
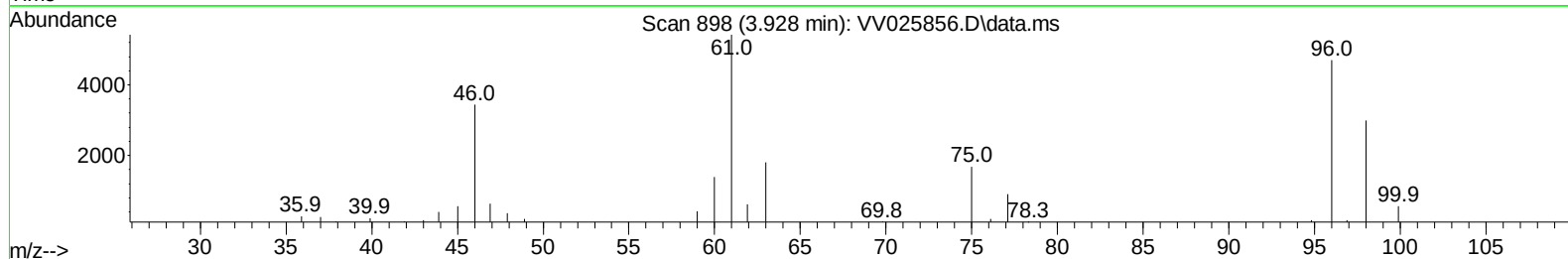
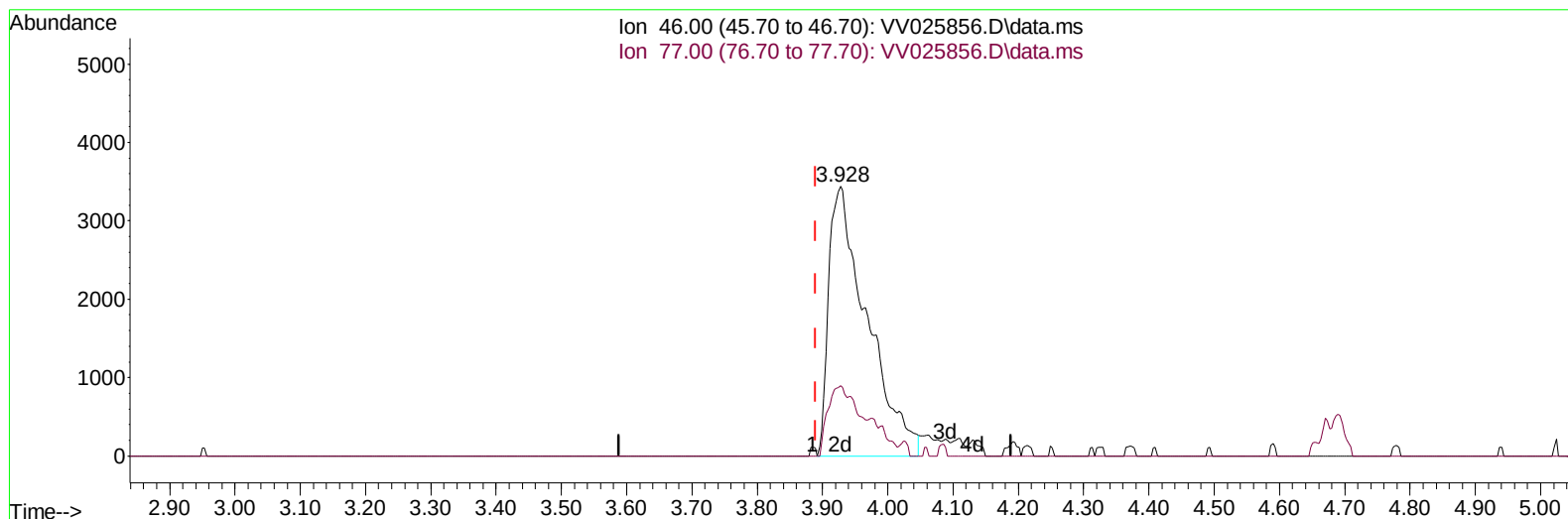
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TIC: VV025856.D\data.ms

(21) 2-Butanone-d5 (S)

3.928min (+ 0.038) 7.76 ug/L m

response 13972

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.30	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

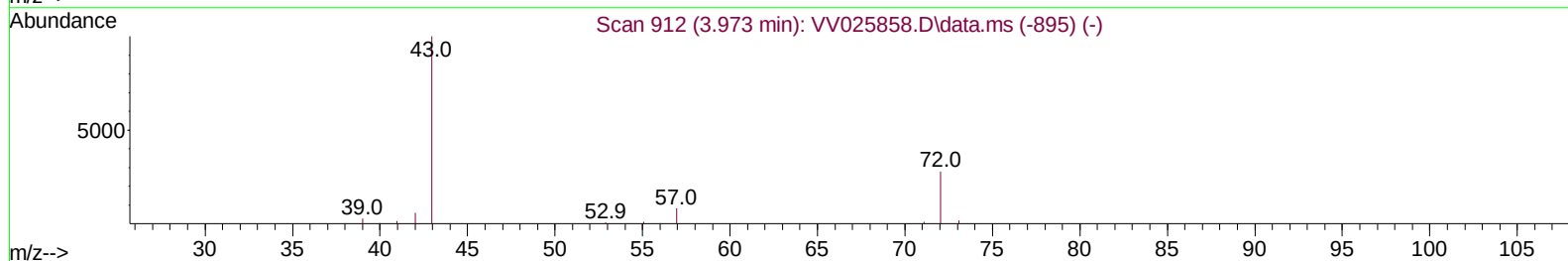
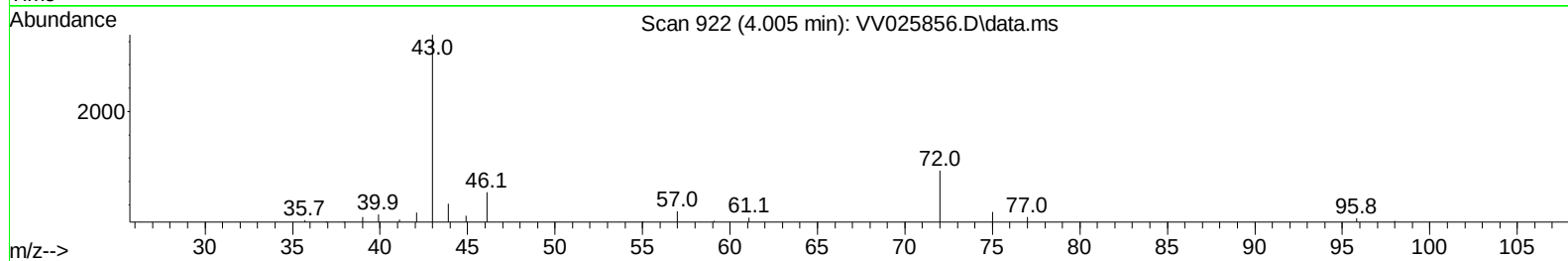
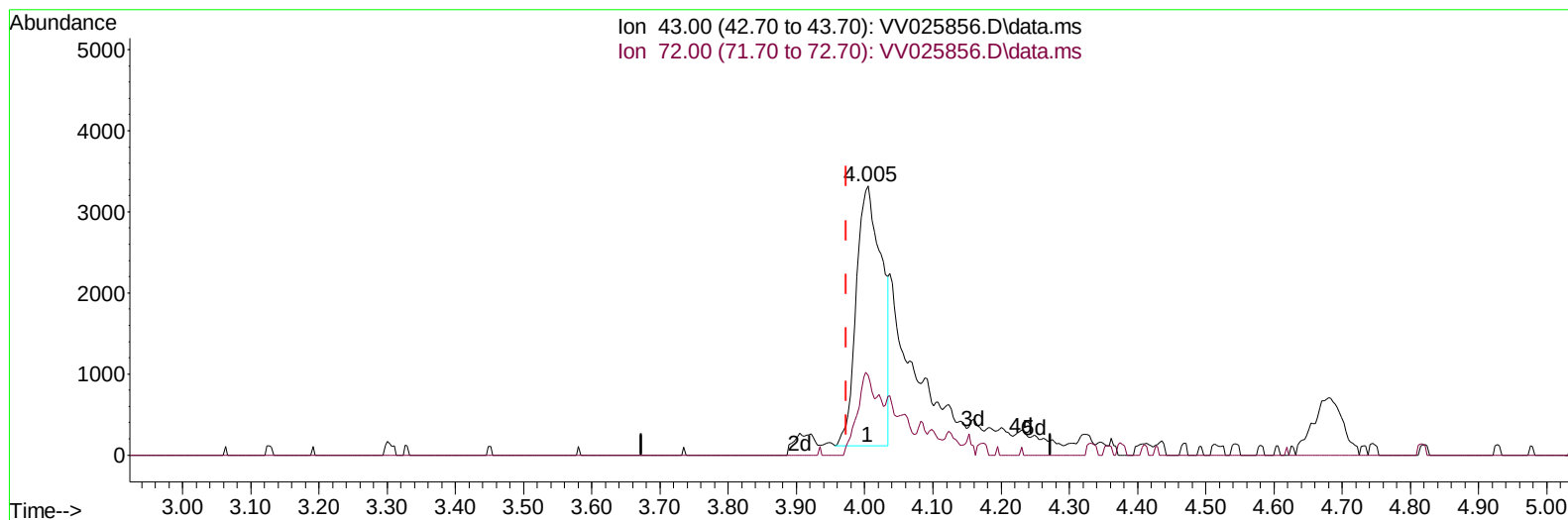
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 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: VV025856.D\data.ms

(22) 2-Butanone (T)

4.005min (+ 0.032) 5.22 ug/L

response 8354

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.60	19.50
0.00	0.00	0.00
0.00	0.00	0.00

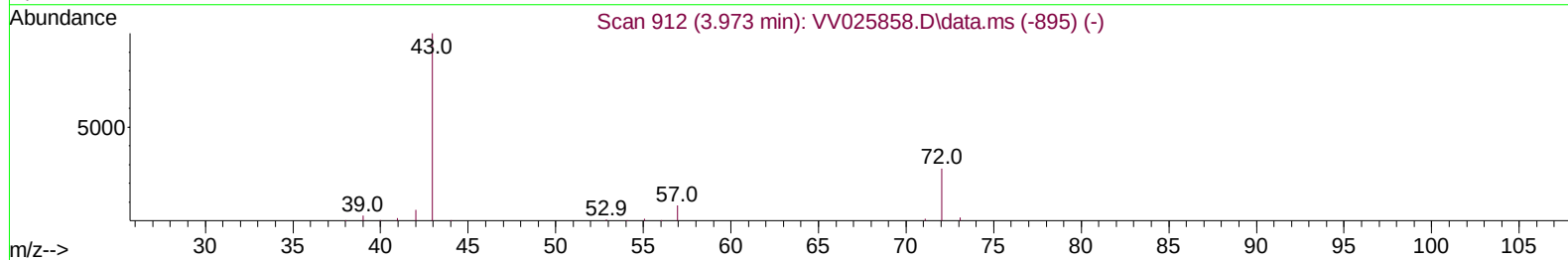
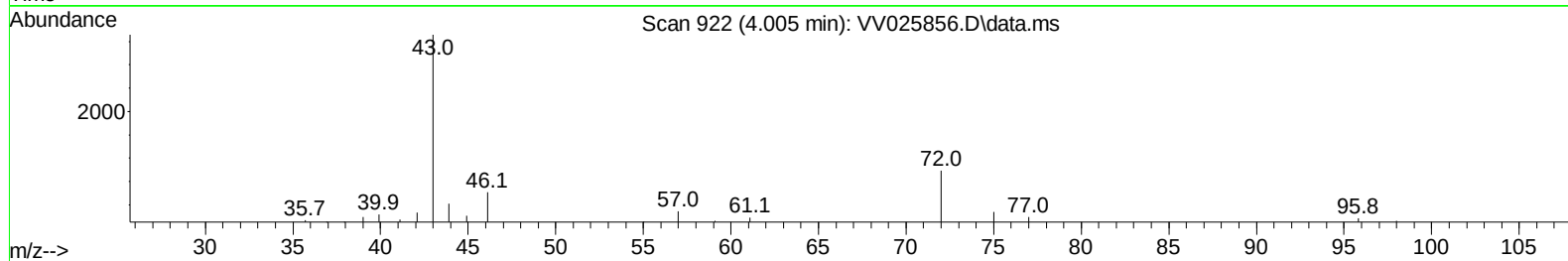
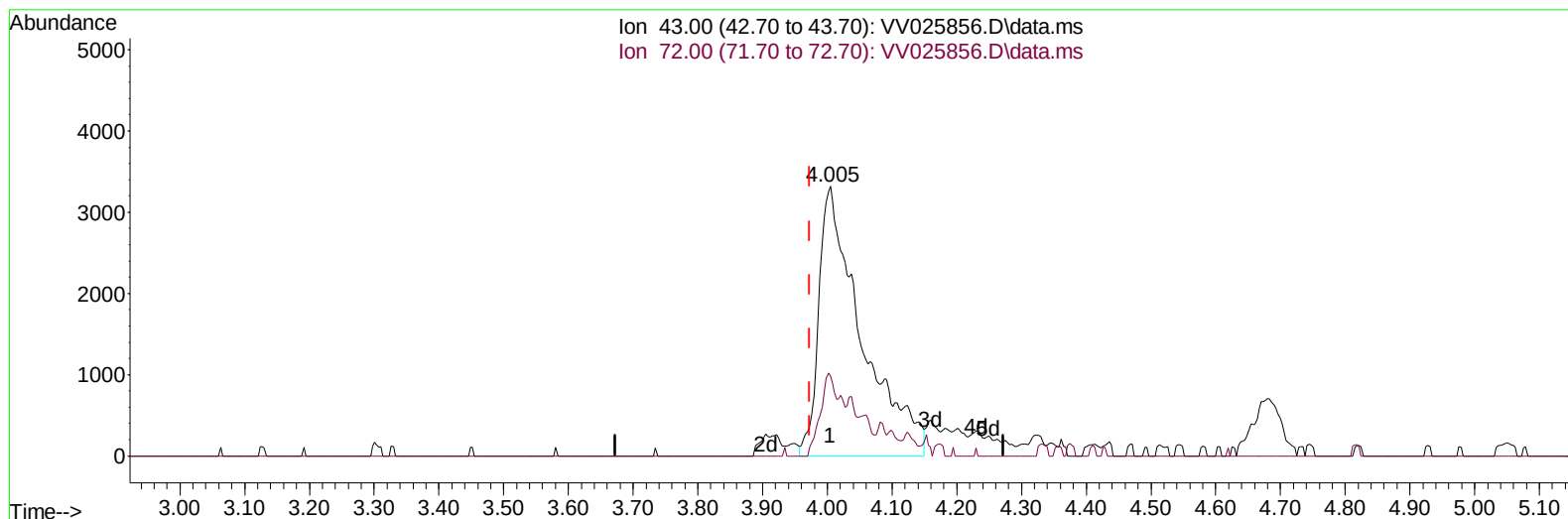
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Manual IntegrationsAPPROVED

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TIC: VV025856.D\data.ms

(22) 2-Butanone (T)

4.005min (+ 0.032) 9.48 ug/L m

response 15170

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.60	10.74#
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	5.616	114	323201	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	325221	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	158457	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	18980	4.550	ug/L	0.00
7) Chloroethane-d5	1.571	69	16445	4.489	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	34057	4.668	ug/L	0.00
21) 2-Butanone-d5	3.928	46	13972m	7.758	ug/L	0.04
24) Chloroform-d	4.358	84	25954	4.455	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	14942	4.244	ug/L	0.00
32) Benzene-d6	5.056	84	47429	4.183	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	14970	4.299	ug/L	0.00
41) Toluene-d8	7.320	98	40562	3.883	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	5672	3.649	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	8056	6.212	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.213	84	20154	4.340	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	15127	4.352	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.133	85	17085	5.113	ug/L	96
3) Chloromethane	1.243	50	22274	5.512	ug/L	99
5) Vinyl chloride	1.314	62	21376	5.203	ug/L	96
6) Bromomethane	1.526	94	13050	5.227	ug/L	96
8) Chloroethane	1.587	64	15521	5.058	ug/L	99
9) Trichlorofluoromethane	1.754	101	29772	5.099	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	16333	5.265	ug/L	96
12) 1,1-Dichloroethene	2.121	96	15878	5.204	ug/L	96
13) Acetone	2.185	43	12905	10.577	ug/L	65
14) Carbon disulfide	2.297	76	37016	4.905	ug/L	99
15) Methyl Acetate	2.442	43	13663	5.227	ug/L #	73
16) Methylene chloride	2.513	84	15662	5.299	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	12745	4.862	ug/L	97
18) Methyl tert-butyl Ether	2.773	73	35762	4.691	ug/L	98
19) 1,1-Dichloroethane	3.191	63	24927	5.091	ug/L	97
20) cis-1,2-Dichloroethene	3.921	96	13321	4.708	ug/L	95
22) 2-Butanone	4.005	43	15170m	9.480	ug/L	
23) Bromochloromethane	4.256	128	7220	4.831	ug/L	84
25) Chloroform	4.381	83	27038	5.211	ug/L	99
27) 1,2-Dichloroethane	5.137	62	19770	5.040	ug/L	96
29) Cyclohexane	4.680	56	17587	4.467	ug/L #	93
30) 1,1,1-Trichloroethane	4.609	97	22991	5.205	ug/L	96
31) Carbon tetrachloride	4.831	117	19138	5.161	ug/L	100
33) Benzene	5.104	78	52368	4.782	ug/L	100
34) Trichloroethene	5.918	95	14334	5.005	ug/L	96
35) Methylcyclohexane	6.133	83	19014	4.432	ug/L	97
37) 1,2-Dichloropropane	6.178	63	12442	4.523	ug/L	99
38) Bromodichloromethane	6.513	83	18500	4.973	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	16048	4.091	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	28158	8.757	ug/L	96
42) Toluene	7.390	91	53982	4.595	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.657	75	15798	4.186	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	14300	5.116	ug/L	95
46) Tetrachloroethene	7.979	164	10434	4.939	ug/L	97
48) 2-Hexanone	8.146	43	19801	7.914	ug/L	92
49) Dibromochloromethane	8.246	129	13262	4.810	ug/L	92
50) 1,2-Dibromoethane	8.355	107	14136	4.973	ug/L #	96
51) Chlorobenzene	8.882	112	36770	4.888	ug/L	97
52) Ethylbenzene	9.014	91	52762	4.353	ug/L	98
53) m,p-Xylene	9.140	106	19567	4.162	ug/L	98
54) o-Xylene	9.541	106	19383	4.197	ug/L	99
55) Styrene	9.564	104	32003	3.977	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	21252	5.096	ug/L	95
59) Bromoform	9.731	173	7627	4.990	ug/L #	97
60) Isopropylbenzene	9.931	105	47881	4.511	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	17688	5.640	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	24203	4.424	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	35174	4.144	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	25029	4.982	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	27496	5.222	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	26381	5.077	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	3415	4.713	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	16673	4.806	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	13736	4.650	ug/L	97
71) Naphthalene	13.503	128	36275	4.147	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	14154	4.702	ug/L	97

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

