

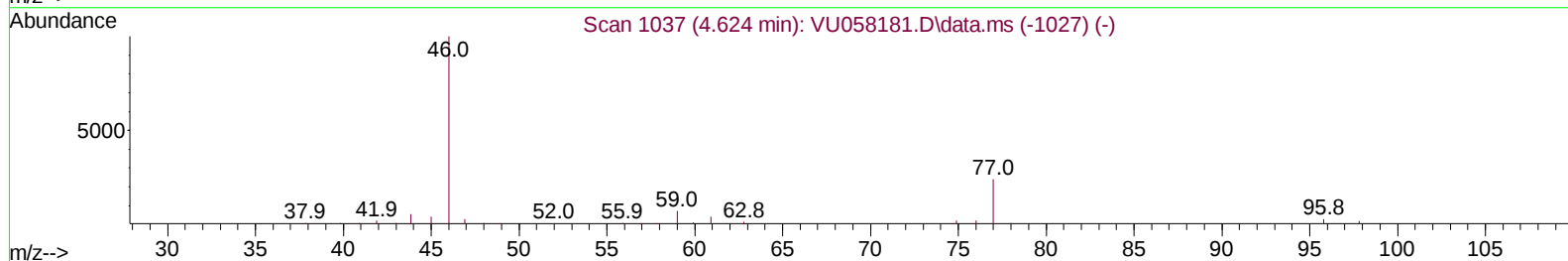
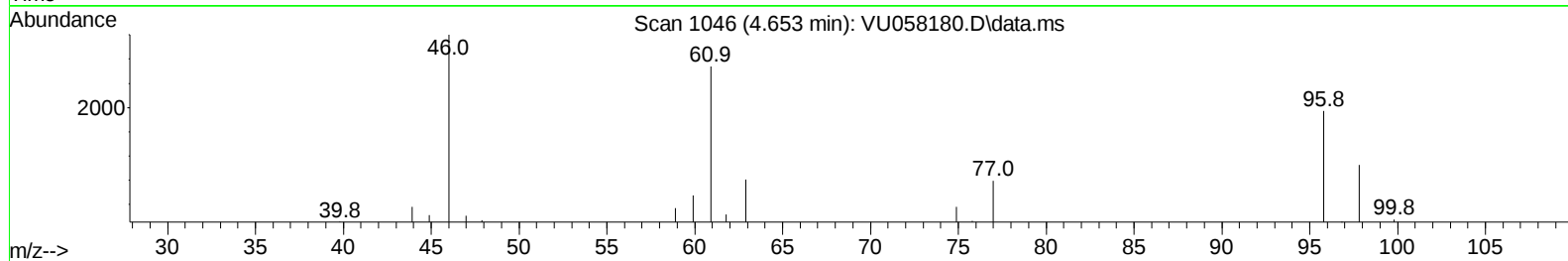
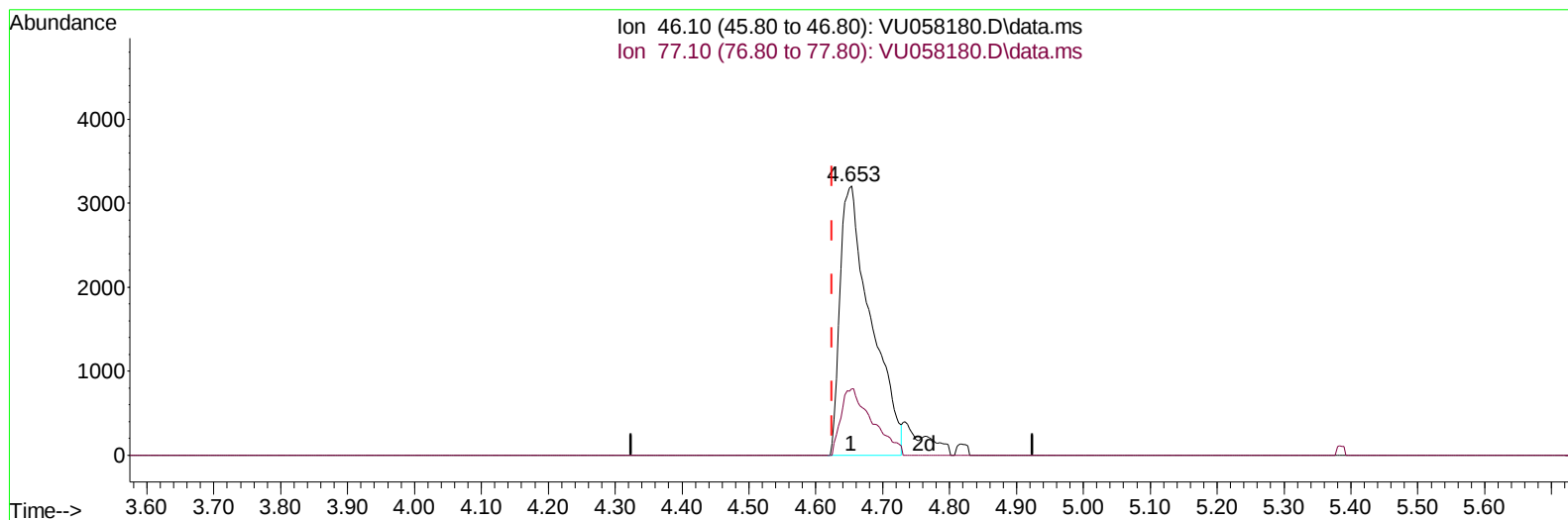
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032124\
Data File : VU058180.D
Acq On : 21 Mar 2024 12:36
Operator : MD/SY
Sample : VSTD00142
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD001042

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 03/22/2024
Supervised By :Semsettin Yesilyurt 03/22/2024

Quant Time: Mar 22 04:39:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 22 04:38:25 2024
Response via : Initial Calibration



TIC: VU058180.D\data.ms

(20) 2-Butanone-d5 (S)

4.653min (+ 0.029) 9.48 ug/L

response 10224

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	24.00	25.18
0.00	0.00	0.00
0.00	0.00	0.00

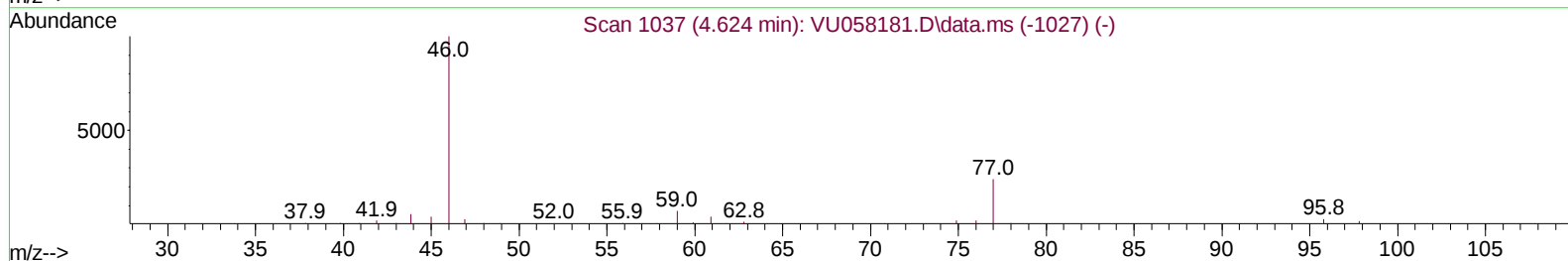
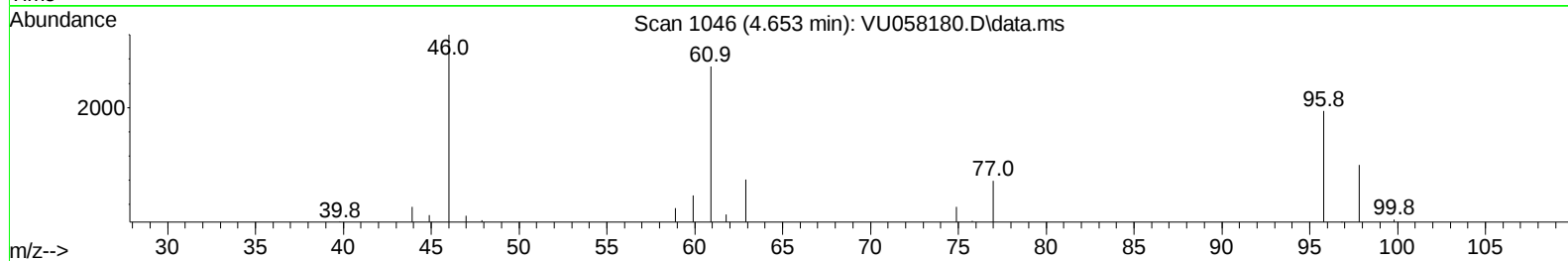
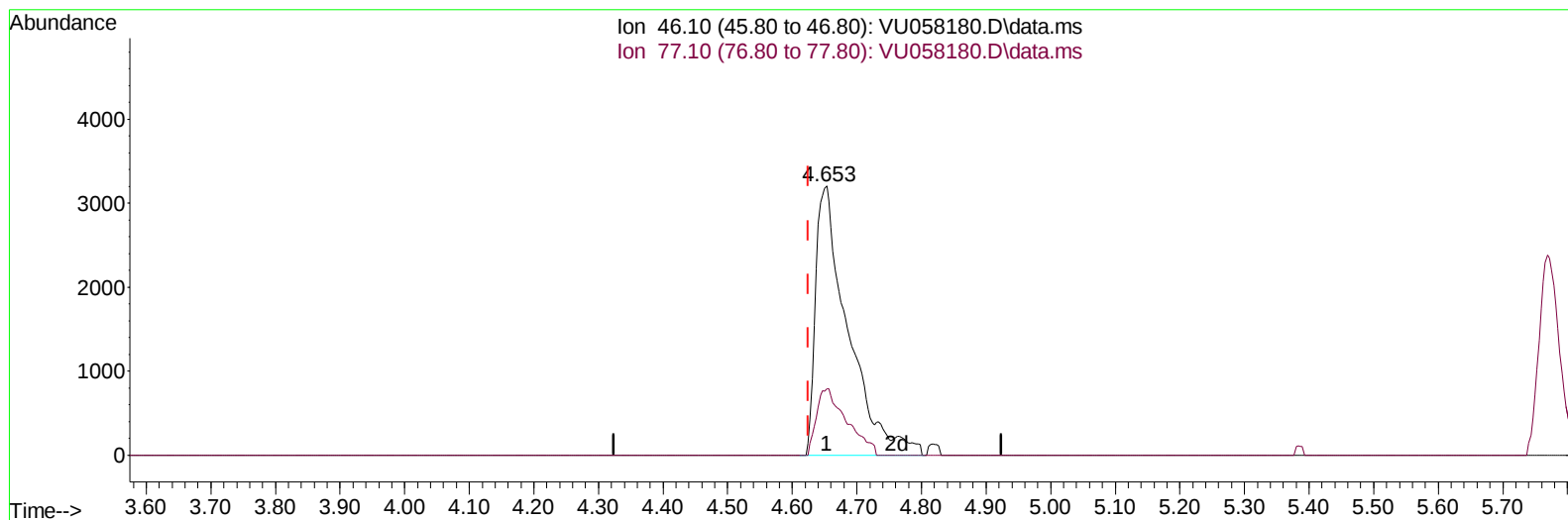
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TIC: VU058180.D\data.ms

(20) 2-Butanone-d5 (S)

4.653min (+ 0.029) 10.32 ug/L m

response 11133

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	24.00	23.12
0.00	0.00	0.00
0.00	0.00	0.00

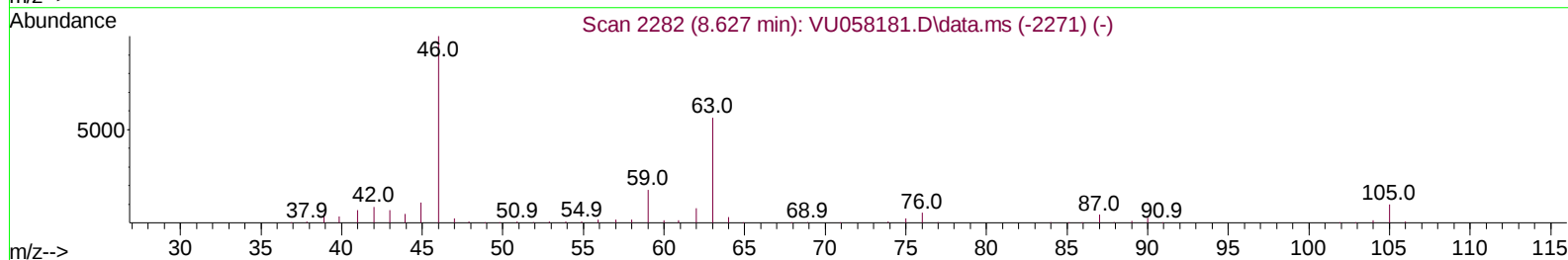
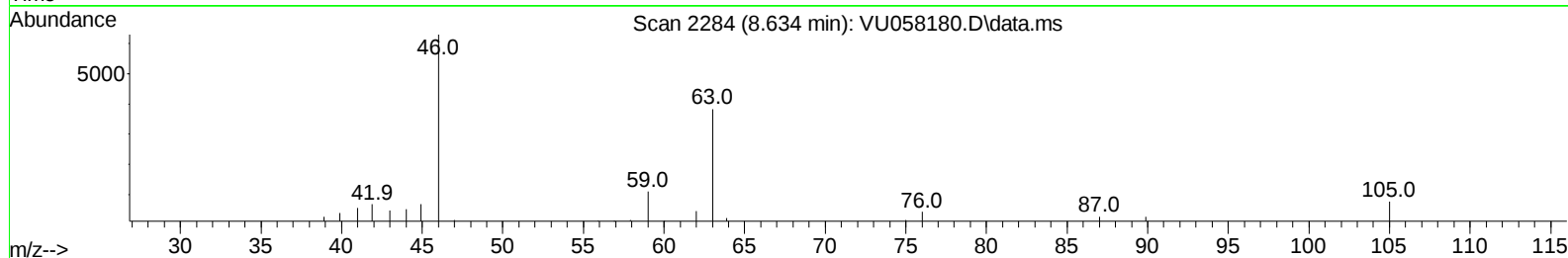
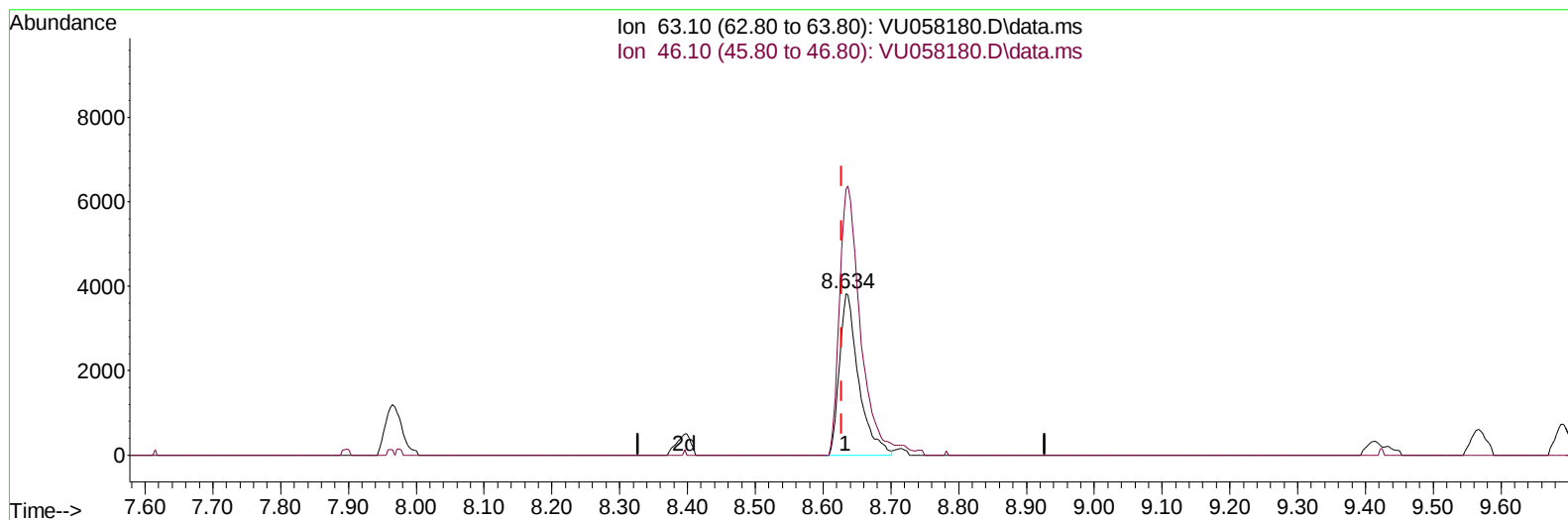
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TIC: VU058180.D\data.ms

(46) 2-Hexanone-d5 (S)

8.634min (+ 0.006) 8.67 ug/L

response 7521

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	180.70	184.39
0.00	0.00	0.00
0.00	0.00	0.00

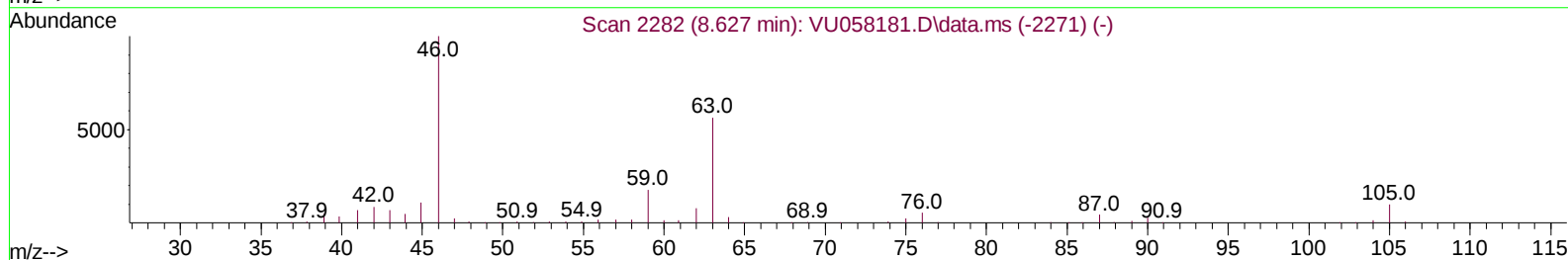
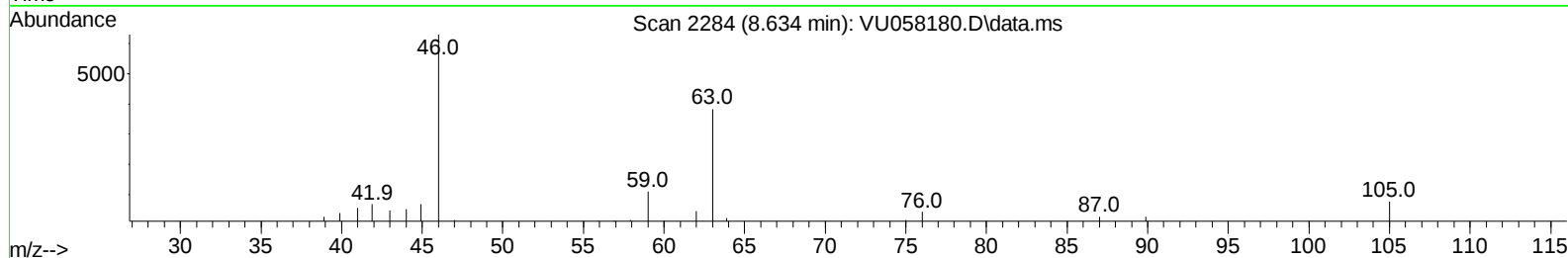
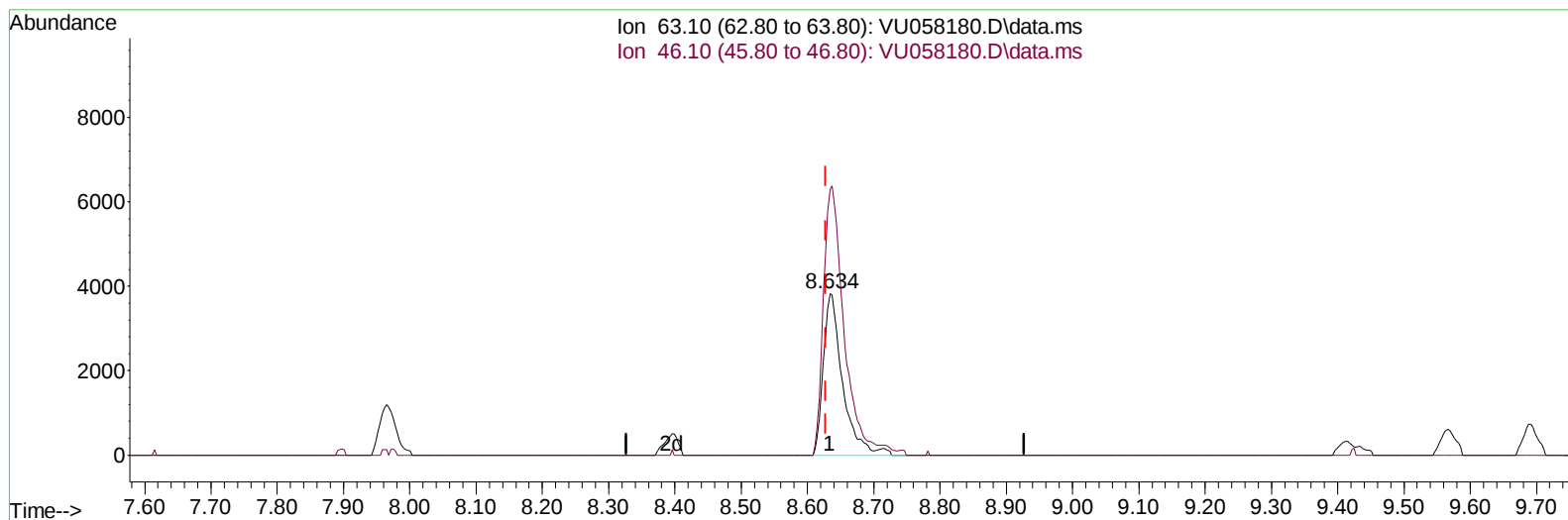
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TIC: VU058180.D\data.ms

(46) 2-Hexanone-d5 (S)

8.634min (+ 0.006) 8.87 ug/L m

response 7697

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	180.70	180.17
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	6.245	114	87850	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36955	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	6609	1.024	ug/L	0.00
7) Chloroethane-d5	1.911	69	5439	1.021	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	2721	0.984	ug/L	0.00
20) 2-Butanone-d5	4.653	46	11133m	10.321	ug/L	0.03
24) Chloroform-d	5.058	84	12078	1.001	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.701	65	5635	1.022	ug/L	0.00
32) Benzene-d6	5.724	84	23525	0.955	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	6929	0.930	ug/L	0.00
41) Toluene-d8	7.894	98	20418	0.919	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	1979	0.791	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	7697m	8.870	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.749	84	4433	0.973	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5890	0.957	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	3923	0.796	ug/L	99
3) Chloromethane	1.518	50	4809	0.823	ug/L	99
5) Vinyl chloride	1.602	62	5150	0.825	ug/L	99
6) Bromomethane	1.856	94	3010	0.905	ug/L	94
8) Chloroethane	1.933	64	3370	0.845	ug/L	97
9) Trichlorofluoromethane	2.139	101	7934	0.868	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	5461	0.949	ug/L	98
12) 1,1-Dichloroethene	2.576	96	4456	0.887	ug/L	98
13) Acetone	2.653	43	7708	10.060	ug/L	99
14) Carbon disulfide	2.792	76	9822	0.655	ug/L	100
15) Methyl Acetate	2.962	43	1889	1.110	ug/L #	77
16) Methylene chloride	3.039	84	6369	1.022	ug/L	96
17) Methyl tert-butyl Ether	3.357	73	11309	0.926	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	4915	0.895	ug/L	89
19) 1,1-Dichloroethane	3.862	63	10297	0.921	ug/L	98
21) 2-Butanone	4.727	43	11711	9.693	ug/L	89
22) cis-1,2-Dichloroethene	4.663	96	5925	0.964	ug/L	90
23) Bromochloromethane	4.972	128	2048	0.893	ug/L	91
25) Chloroform	5.081	83	11140	0.971	ug/L	100
27) 1,2-Dichloroethane	5.791	62	6120	0.964	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	8375	0.869	ug/L	98
30) Cyclohexane	5.383	56	7589	0.806	ug/L	94
31) Carbon tetrachloride	5.518	117	7231	0.873	ug/L	94
33) Benzene	5.772	78	22031	0.890	ug/L	100
34) Trichloroethene	6.541	95	5908	0.907	ug/L	95
35) Methylcyclohexane	6.756	83	7570	0.778	ug/L	96
37) 1,2-Dichloropropane	6.785	63	6285	0.976	ug/L	98
38) Bromodichloromethane	7.100	83	6880	0.887	ug/L	90
39) cis-1,3-Dichloropropene	7.605	75	7053	0.804	ug/L	95
40) 4-Methyl-2-pentanone	7.788	43	29212	9.794	ug/L	98
42) Toluene	7.965	91	22629	0.881	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.213	75	5341	0.764	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	3918	1.016	ug/L	97
47) Tetrachloroethene	8.547	164	3709	0.824	ug/L	98
48) 2-Hexanone	8.685	43	20436	9.369	ug/L	94
49) Dibromochloromethane	8.804	129	4071	0.904	ug/L	98
50) 1,2-Dibromoethane	8.920	107	3234	0.951	ug/L #	89
51) Chlorobenzene	9.444	112	15206	0.934	ug/L	96
52) Ethylbenzene	9.566	91	24315	0.844	ug/L	98
53) m,p-Xylene	9.688	106	8328	0.811	ug/L	99
54) o-Xylene	10.094	106	8457	0.818	ug/L	98
55) Styrene	10.113	104	12864	0.799	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.775	83	4747	1.044	ug/L	94
59) Bromoform	10.290	173	2036	1.006	ug/L #	87
60) Isopropylbenzene	10.479	105	22493	0.938	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	3194	1.068	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	18070	0.894	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	17157	0.863	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	10818	0.986	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	9979	0.932	ug/L	95
67) 1,2-Dichlorobenzene	12.209	146	9935	1.032	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.003	75	359	0.610	ug/L	83
69) 1,3,5-Trichlorobenzene	13.216	180	6920	0.880	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	4593	0.781	ug/L	97
71) Naphthalene	14.090	128	5586	0.695	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	3728	0.794	ug/L	93

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

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