Quantitation Report (Qedit)

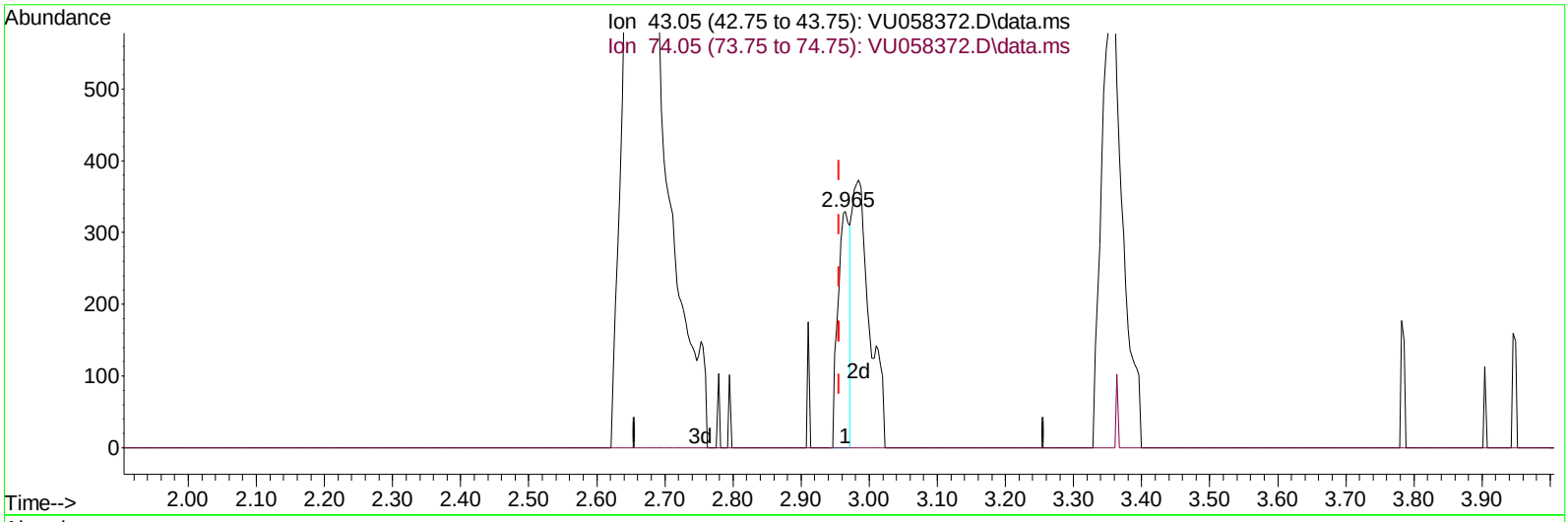
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040424\
Data File : VU058372.D
Acq On : 04 Apr 2024 15:36
Operator : MD/SY
Sample : VSTD0.548
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

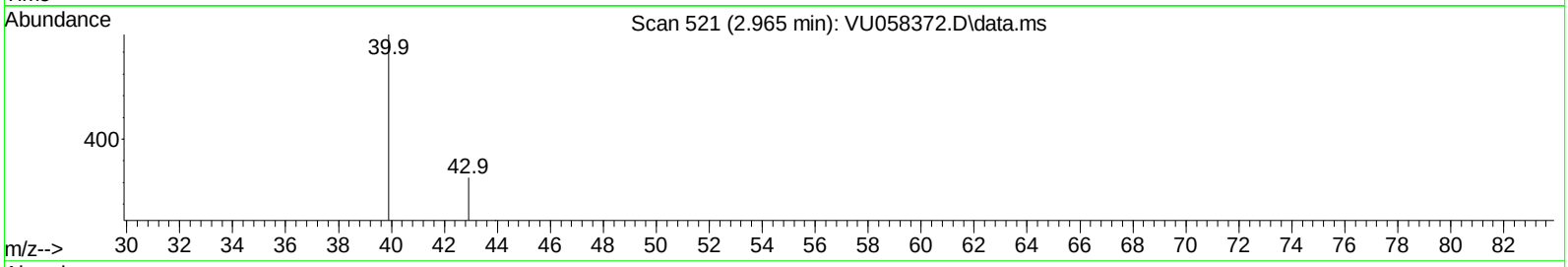
Quant Time: Apr 04 22:46:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 04 22:45:00 2024
Response via : Initial Calibration

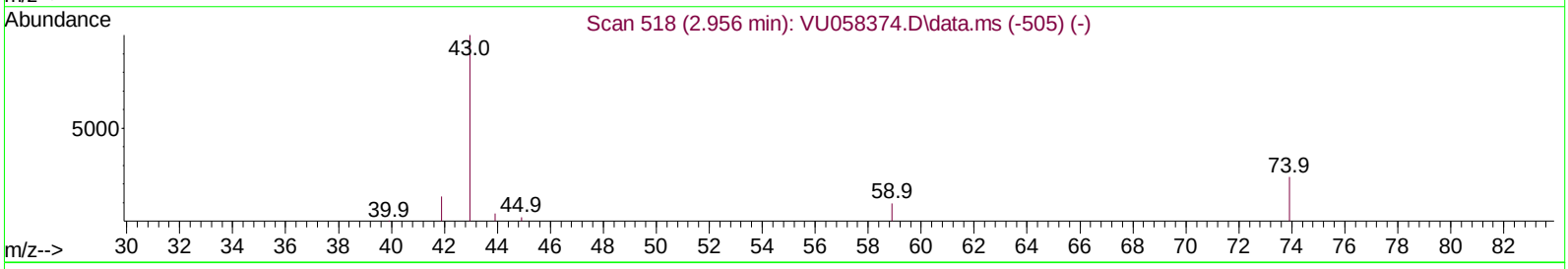
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5048

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/05/2024
Supervised By :Semsettin Yesilyurt 04/05/2024







TIC: VU058372.D\data.ms

(15) Methyl Acetate (T)

2.965min (+ 0.010) 0.21 ug/L

response 403

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	20.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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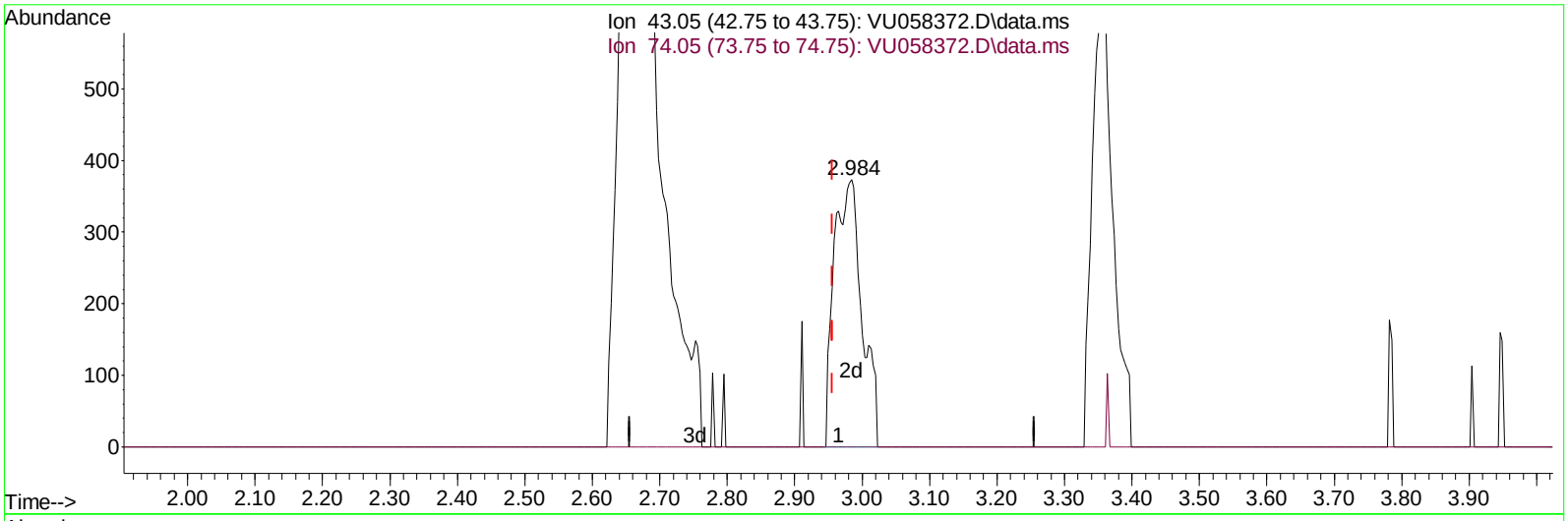

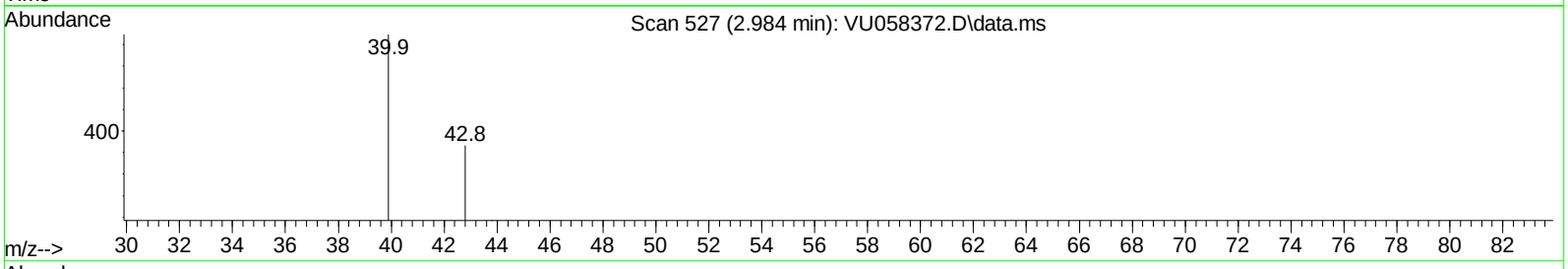

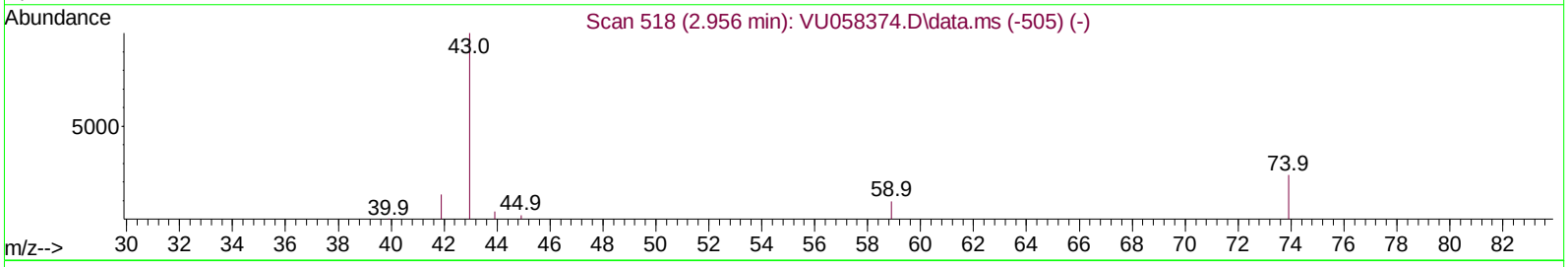

TIC: VU058372.D\data.ms

(15) Methyl Acetate (T)

2.984min (+ 0.029) 0.55 ug/L m

response 1066

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	20.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

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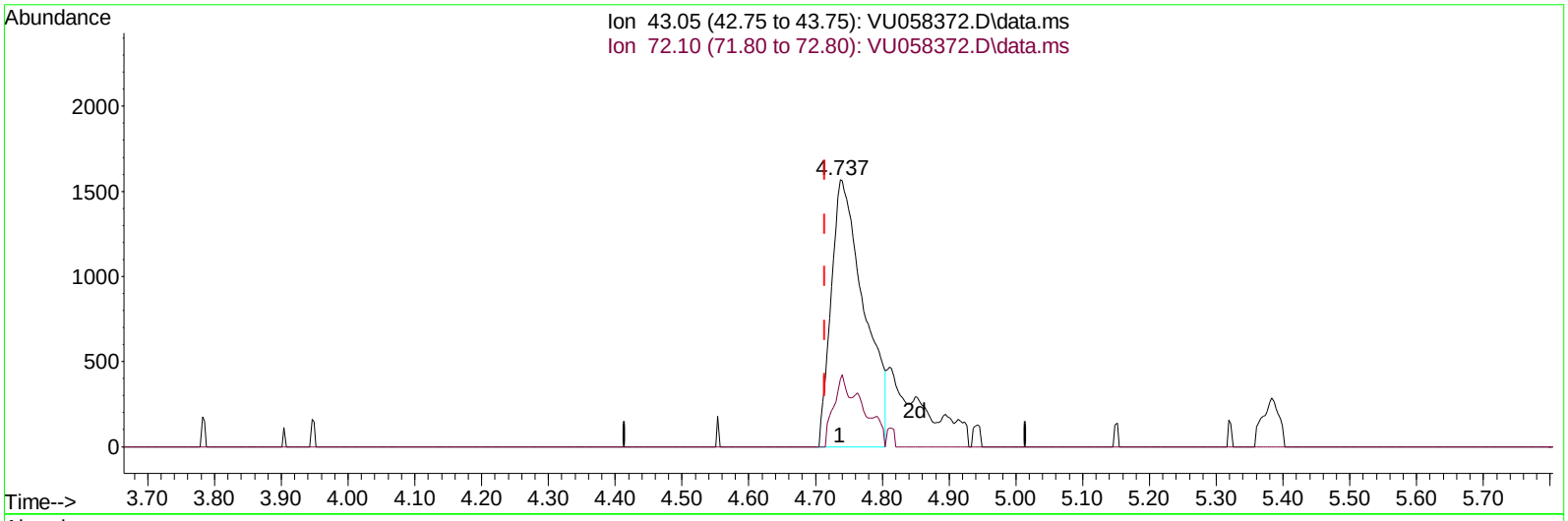

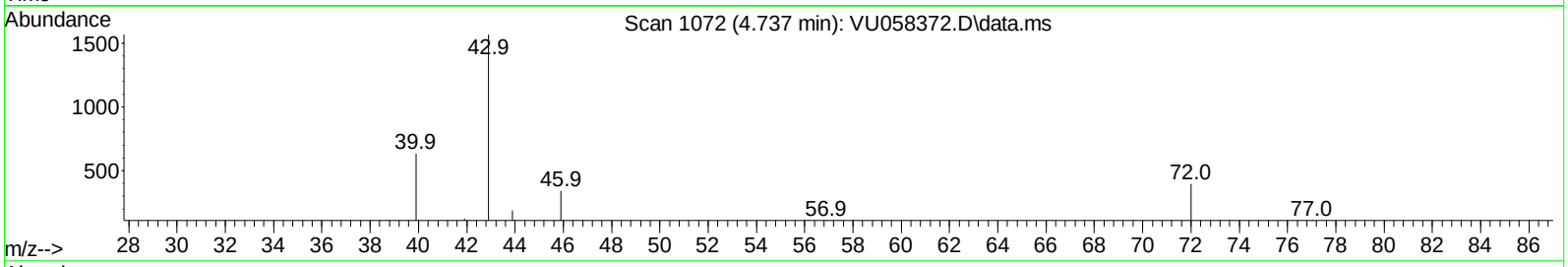

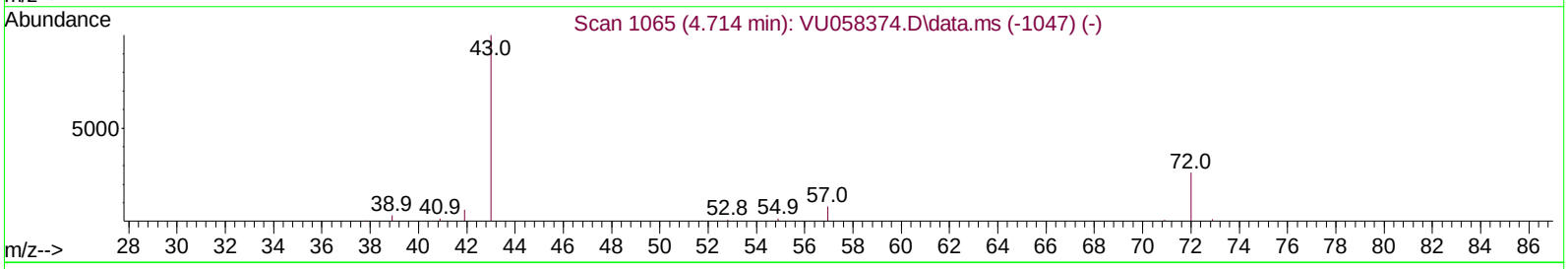

TIC: VU058372.D\data.ms

(21) 2-Butanone (T)

4.737min (+ 0.022) 3.90 ug/L

response 5354

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.30	12.40
0.00	0.00	0.00
0.00	0.00	0.00

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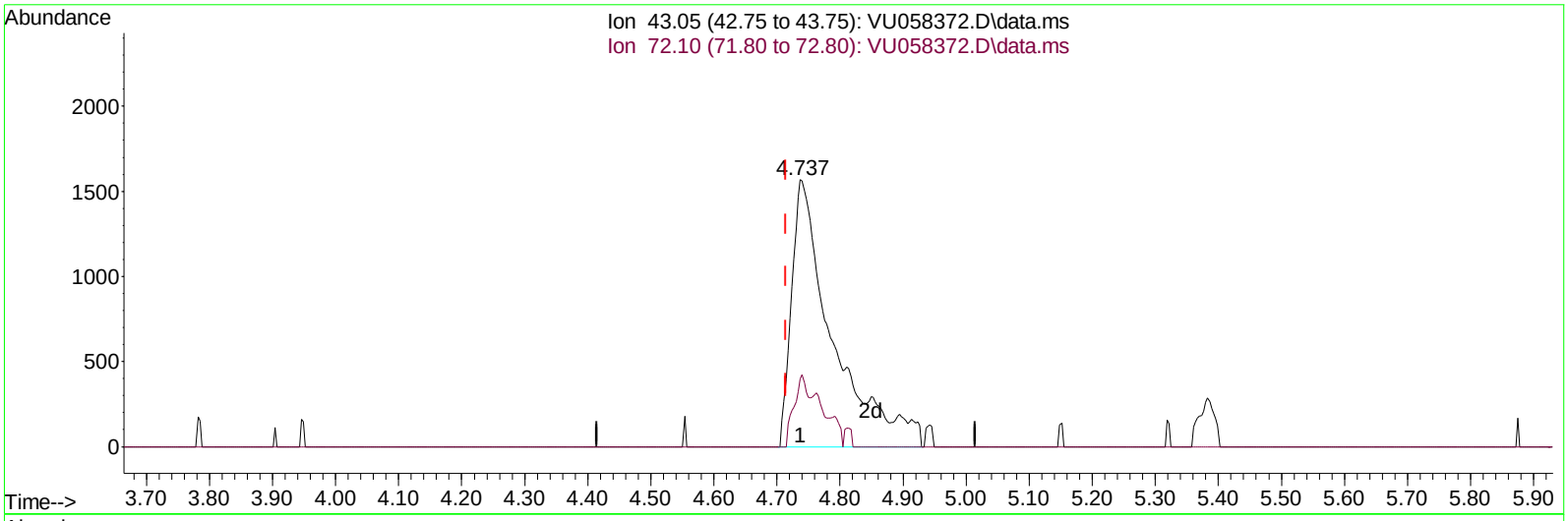

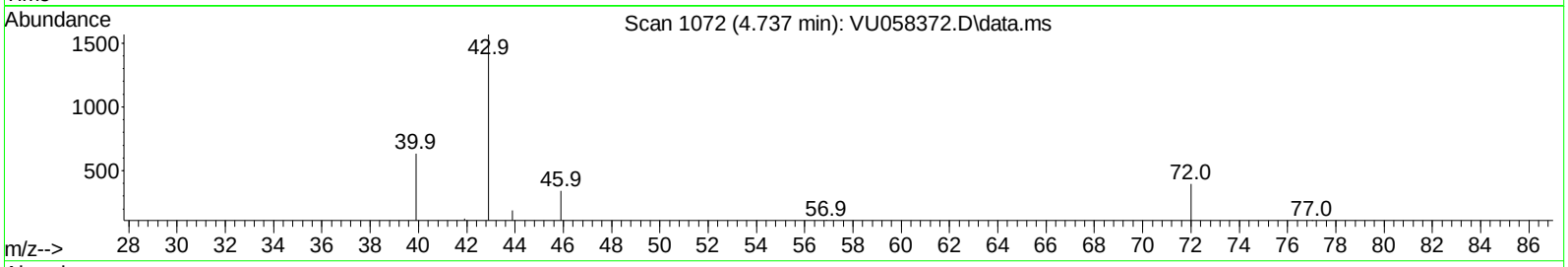

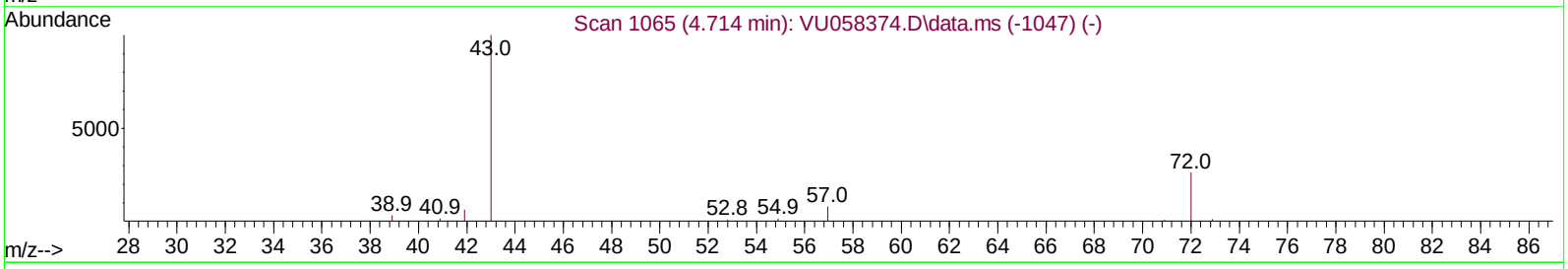

TIC: VU058372.D\data.ms

(21) 2-Butanone (T)

4.737min (+ 0.022) 5.15 ug/L m

response 7063

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	23.30	9.40#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	88652	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	82813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37818	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	3070	0.429	ug/L	0.00
7) Chloroethane-d5	1.907	69	2394	0.407	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.563	65	1278	0.426	ug/L	0.00
20) 2-Butanone-d5	4.666	46	5865	4.504	ug/L	0.03
24) Chloroform-d	5.058	84	5844	0.448	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.705	65	2666	0.440	ug/L	0.00
32) Benzene-d6	5.727	84	11115	0.425	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.689	67	3679	0.476	ug/L	0.00
41) Toluene-d8	7.897	98	9620	0.417	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.180	79	981	0.394	ug/L	0.00
46) 2-Hexanone-d5	8.640	63	3729	3.698	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	2444	0.481	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.193	152	3557	0.518	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	3239	0.739	ug/L	100
3) Chloromethane	1.515	50	4247	0.772	ug/L	96
5) Vinyl chloride	1.599	62	3996	0.683	ug/L	95
6) Bromomethane	1.856	94	1966	0.656	ug/L	93
8) Chloroethane	1.927	64	2500	0.666	ug/L	92
9) Trichlorofluoromethane	2.132	101	5205	0.577	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	3092	0.546	ug/L	96
12) 1,1-Dichloroethene	2.573	96	2685	0.558	ug/L	89
13) Acetone	2.660	43	4221	4.658	ug/L	70
14) Carbon disulfide	2.788	76	8977	0.761	ug/L	96
15) Methyl Acetate	2.984	43	1066m	0.553	ug/L	
16) Methylene chloride	3.039	84	5033	0.735	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	6414	0.512	ug/L	97
18) trans-1,2-Dichloroethene	3.351	96	2922	0.577	ug/L	93
19) 1,1-Dichloroethane	3.865	63	6673	0.598	ug/L	97
21) 2-Butanone	4.737	43	7063m	5.147	ug/L	
22) cis-1,2-Dichloroethene	4.660	96	3203	0.528	ug/L	94
23) Bromochloromethane	4.975	128	1221	0.536	ug/L	97
25) Chloroform	5.084	83	6135	0.531	ug/L	94
27) 1,2-Dichloroethane	5.795	62	3627	0.545	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	4745	0.523	ug/L	99
30) Cyclohexane	5.380	56	5082	0.607	ug/L	97
31) Carbon tetrachloride	5.515	117	4172	0.536	ug/L	94
33) Benzene	5.772	78	13116	0.561	ug/L	100
34) Trichloroethene	6.537	95	3591	0.594	ug/L	94
35) Methylcyclohexane	6.759	83	4956	0.569	ug/L	98
37) 1,2-Dichloropropane	6.785	63	3363	0.518	ug/L #	90
38) Bromodichloromethane	7.106	83	3956	0.535	ug/L	87
39) cis-1,3-Dichloropropene	7.608	75	4142	0.508	ug/L	96
40) 4-Methyl-2-pentanone	7.791	43	17947	5.560	ug/L	97
42) Toluene	7.965	91	13033	0.528	ug/L	98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.213	75	3164	0.493 ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	2032	0.506 ug/L	92
47) Tetrachloroethene	8.550	164	2489	0.603 ug/L	98
48) 2-Hexanone	8.688	43	13458	5.708 ug/L	98
49) Dibromochloromethane	8.804	129	2209	0.498 ug/L	85
50) 1,2-Dibromoethane	8.923	107	1788	0.517 ug/L #	92
51) Chlorobenzene	9.444	112	8797	0.562 ug/L	95
52) Ethylbenzene	9.566	91	14070	0.515 ug/L	98
53) m,p-Xylene	9.692	106	4819	0.493 ug/L	93
54) o-Xylene	10.097	106	5004	0.512 ug/L	94
55) Styrene	10.113	104	7111	0.459 ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	2638	0.557 ug/L	96
59) Bromoform	10.286	173	1185	0.559 ug/L #	89
60) Isopropylbenzene	10.479	105	12343	0.515 ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	1965	0.587 ug/L	95
62) 1,3,5-Trimethylbenzene	11.087	105	9685	0.484 ug/L	96
63) 1,2,4-Trimethylbenzene	11.466	105	9872	0.492 ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	7025	0.629 ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	6824	0.632 ug/L	96
67) 1,2-Dichlorobenzene	12.209	146	6413	0.623 ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.994	75	267	0.531 ug/L	94
69) 1,3,5-Trichlorobenzene	13.219	180	5379	0.680 ug/L	97
70) 1,2,4-trichlorobenzene	13.843	180	5083	0.873 ug/L	96
71) Naphthalene	14.090	128	9966	1.281 ug/L	94
72) 1,2,3-Trichlorobenzene	14.328	180	4713	0.987 ug/L	99

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

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