

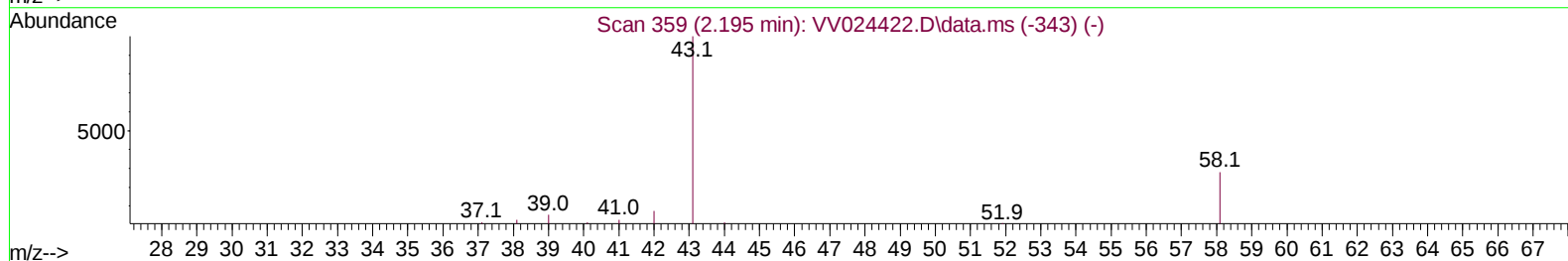
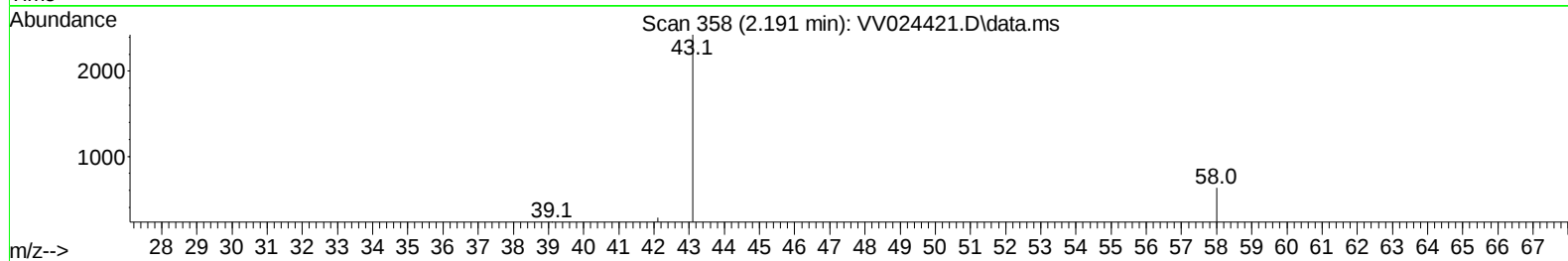
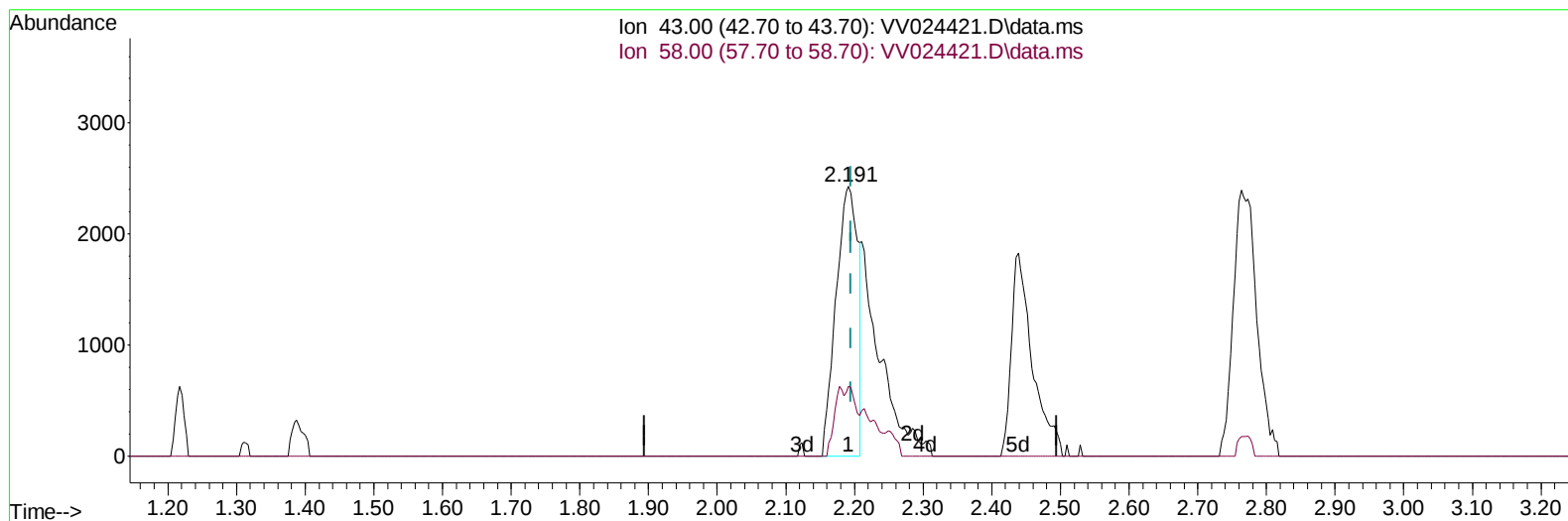
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012122\
 Data File : VV024421.D
 Acq On : 21 Jan 2022 12:57
 Operator : SY/MD
 Sample : VSTD01076
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010276

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 01/24/2022
 Supervised By :Mahesh Dadoda 01/24/2022

Quant Time: Jan 24 02:14:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM012122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 24 02:12:48 2022
 Response via : Initial Calibration



TIC: VV024421.D\data.ms

(13) Acetone (T)

2.191min (-0.003) 9.82 ug/L

response 5297

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	11.70	11.95
0.00	0.00	0.00
0.00	0.00	0.00

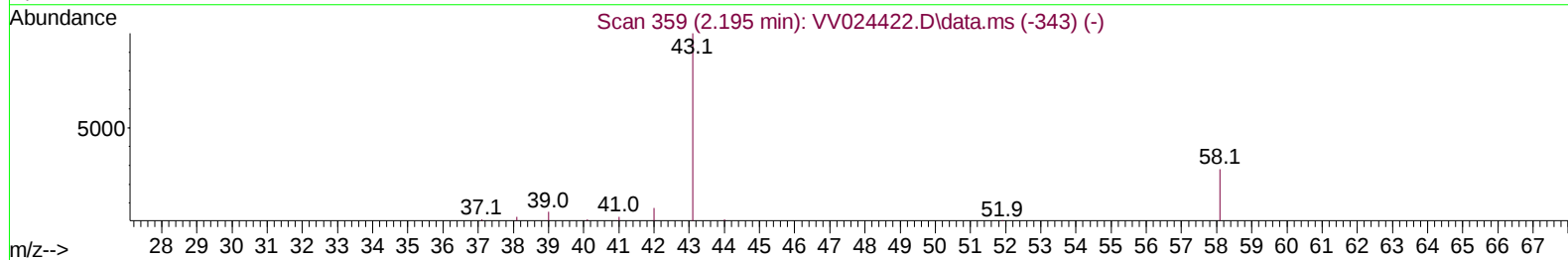
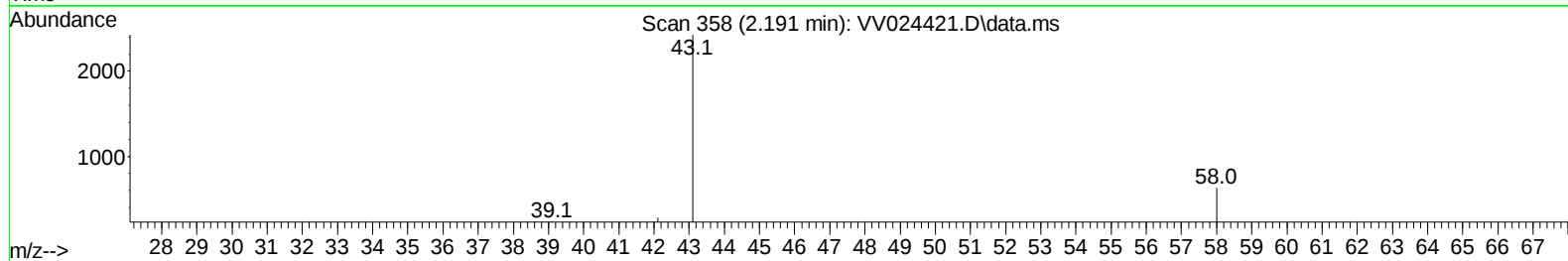
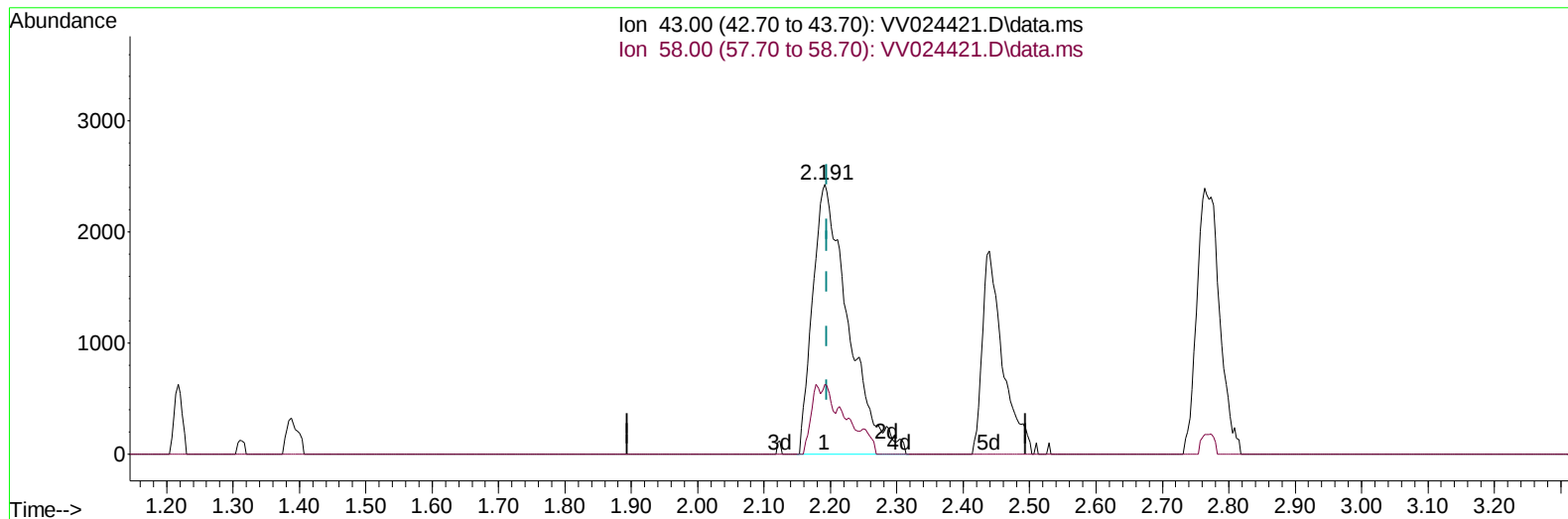
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QLast Update : Mon Jan 24 02:12:48 2022
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TIC: VV024421.D\data.ms

(13) Acetone (T)

2.191min (-0.003) 16.82 ug/L m

response 9073

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	11.70	6.98
0.00	0.00	0.00
0.00	0.00	0.00

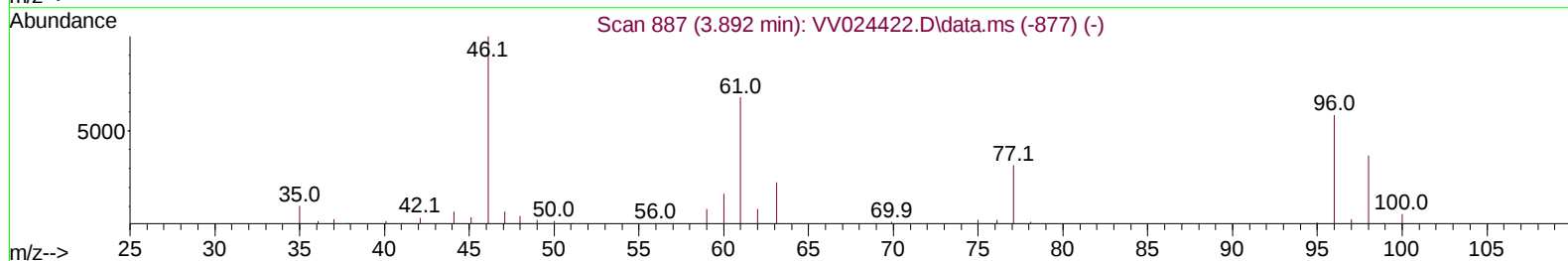
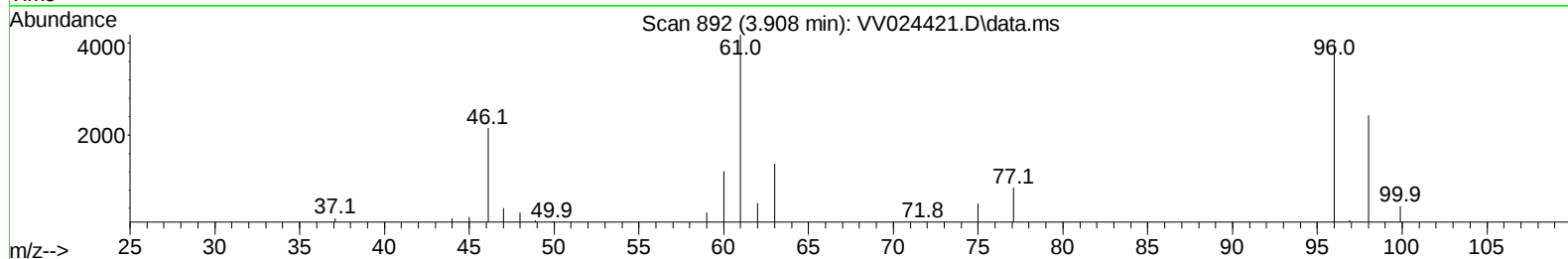
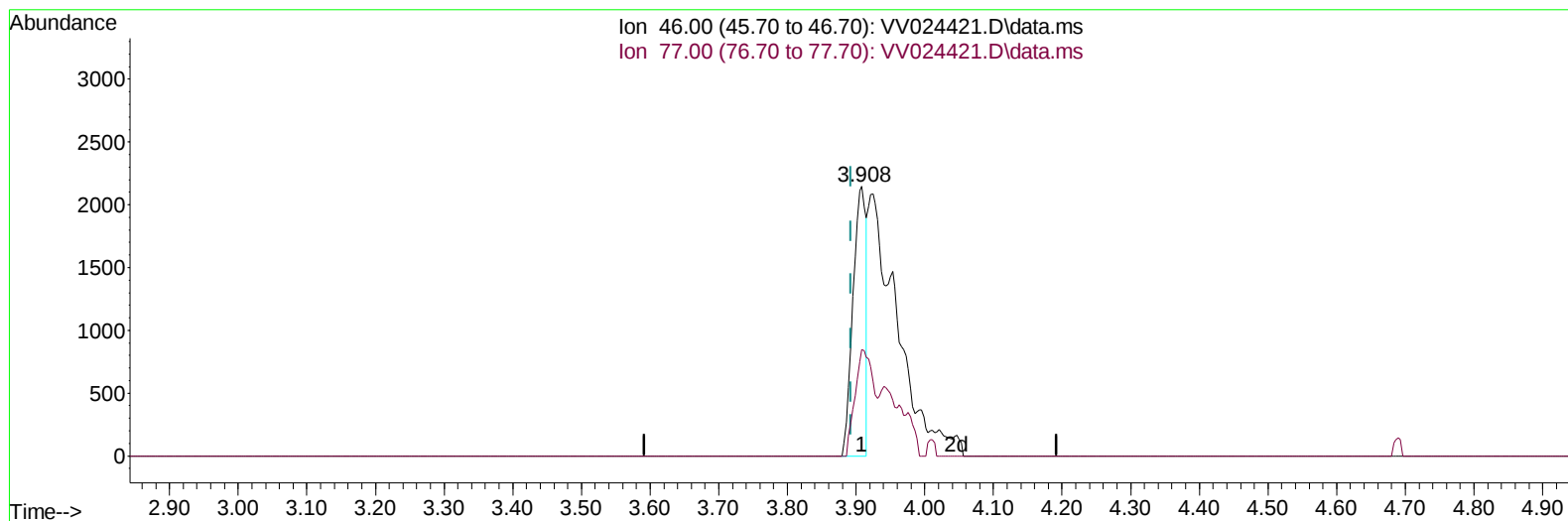
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012122\
 Data File : VV024421.D
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TIC: VV024421.D\data.ms

(21) 2-Butanone-d5 (S)

3.908min (+ 0.016) 6.51 ug/L

response 2833

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	15.00	55.45#
0.00	0.00	0.00
0.00	0.00	0.00

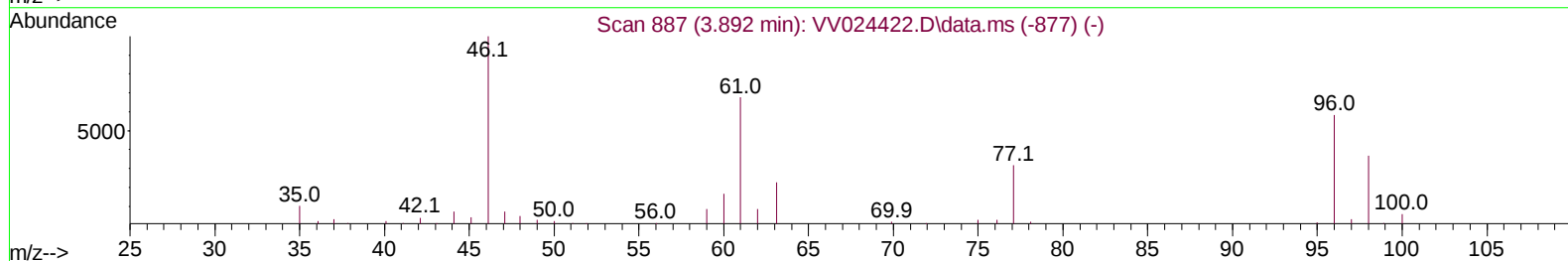
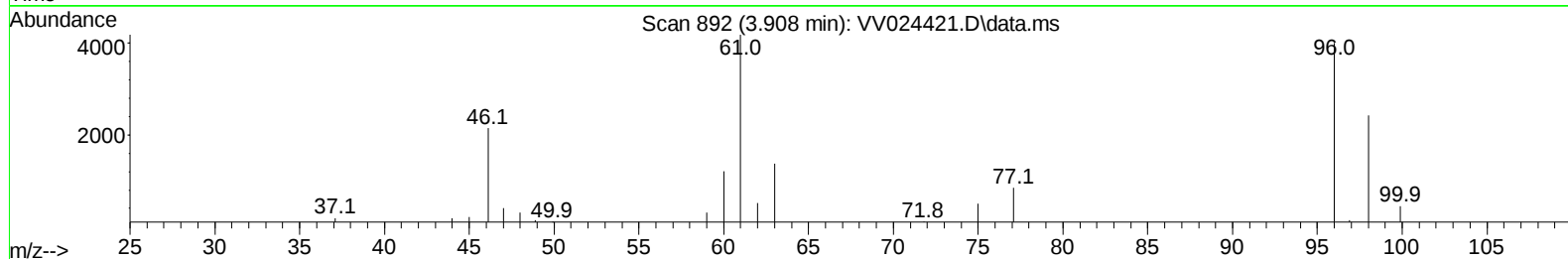
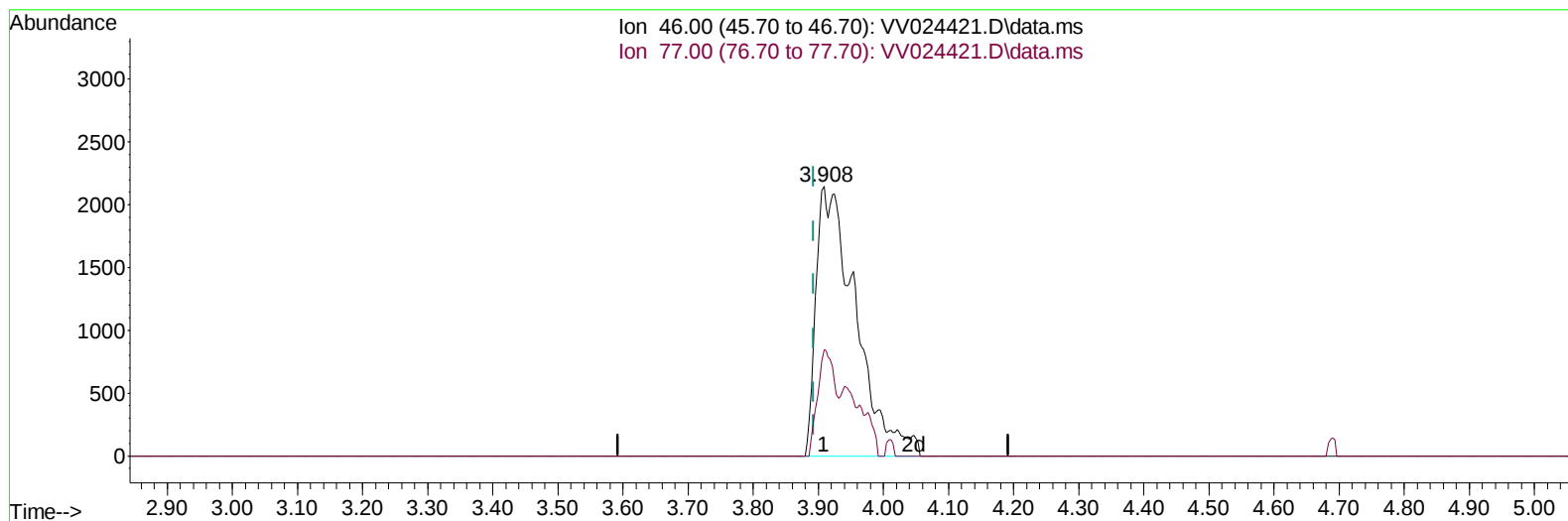
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Data File : VV024421.D
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Instrument :
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TIC: VV024421.D\data.ms

(21) 2-Butanone-d5 (S)

3.908min (+ 0.016) 20.80 ug/L m

response 9055

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	15.00	17.35
0.00	0.00	0.00
0.00	0.00	0.00

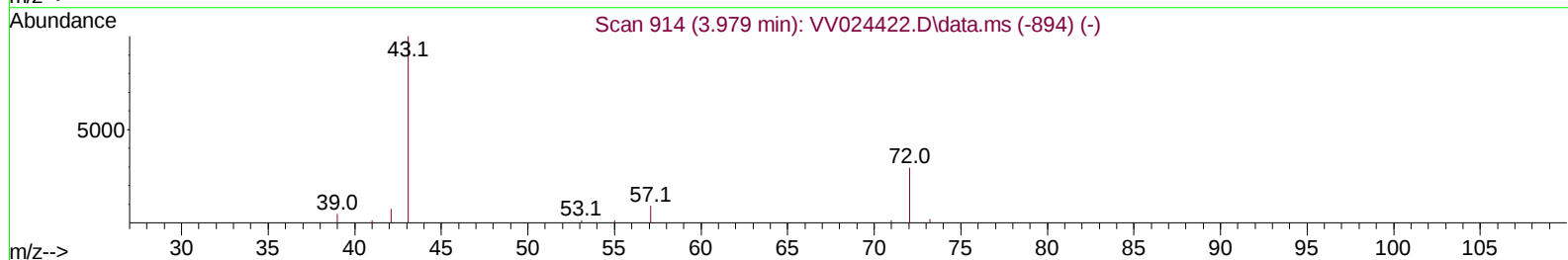
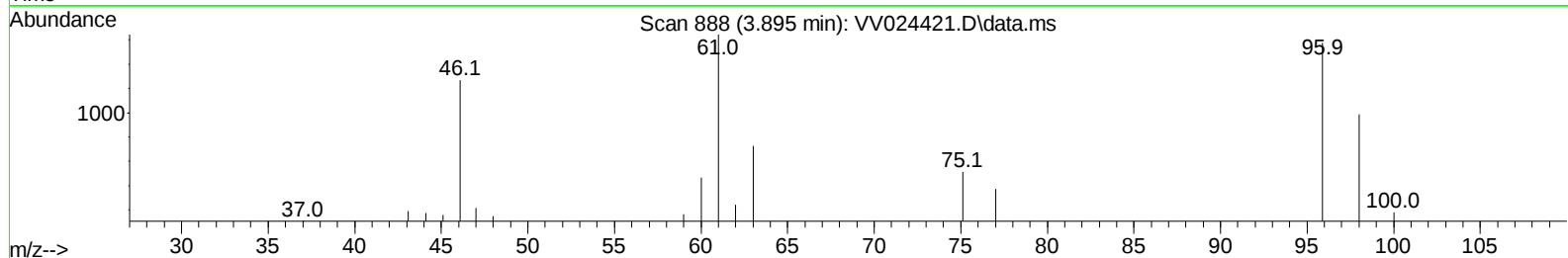
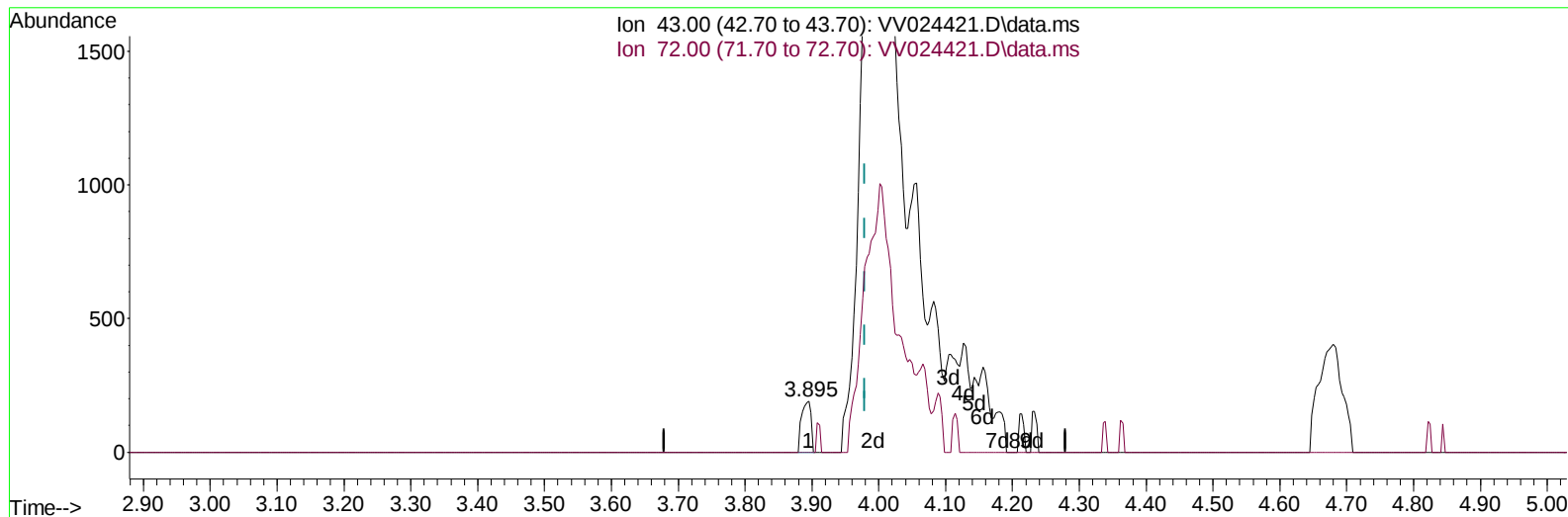
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012122\
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 Operator : SY/MD
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TIC: VV024421.D\data.ms

(22) 2-Butanone (T)

3.895min (-0.084) 0.35 ug/L

response 186

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	15.80	22.04
0.00	0.00	0.00
0.00	0.00	0.00

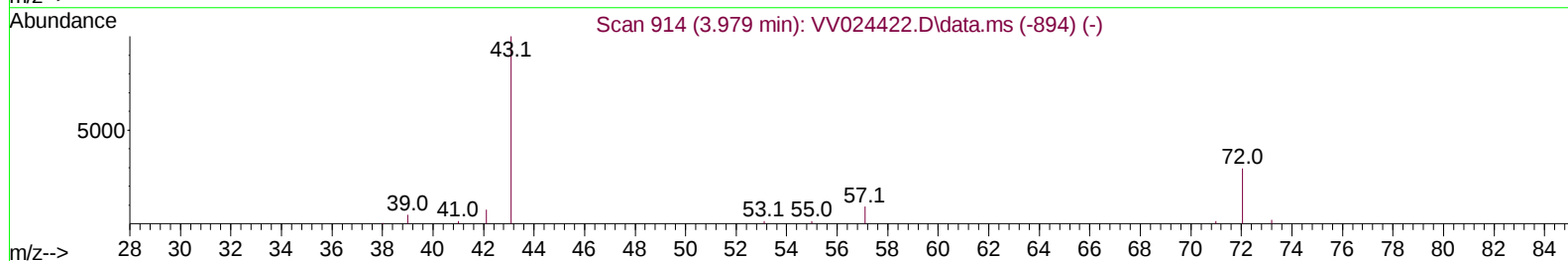
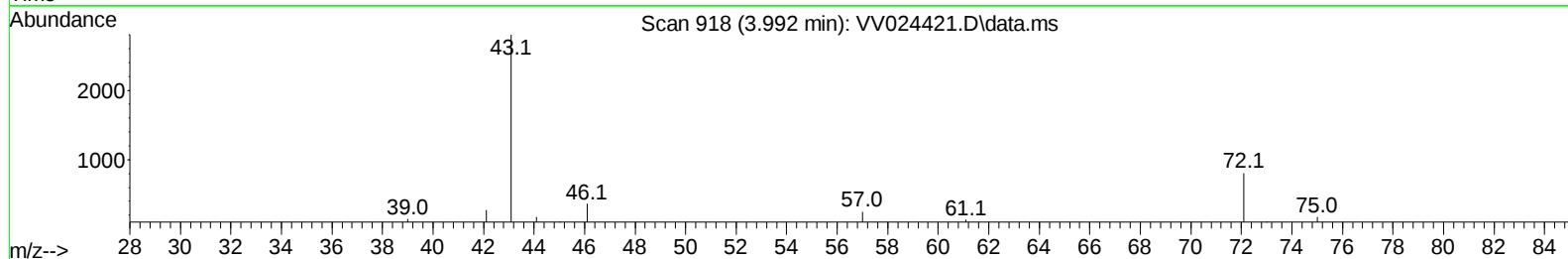
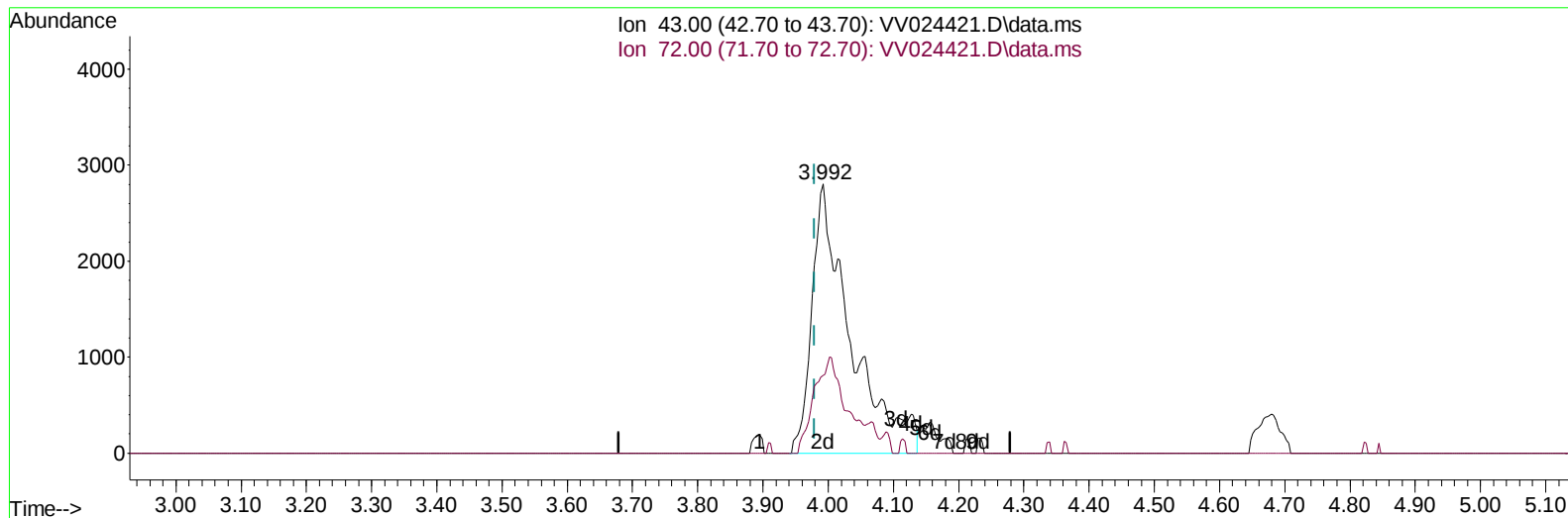
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Instrument :
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Manual IntegrationsAPPROVED

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TIC: VV024421.D\data.ms

(22) 2-Butanone (T)

3.992min (+ 0.013) 21.74 ug/L m

response 11521

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	15.80	0.36#
0.00	0.00	0.00
0.00	0.00	0.00

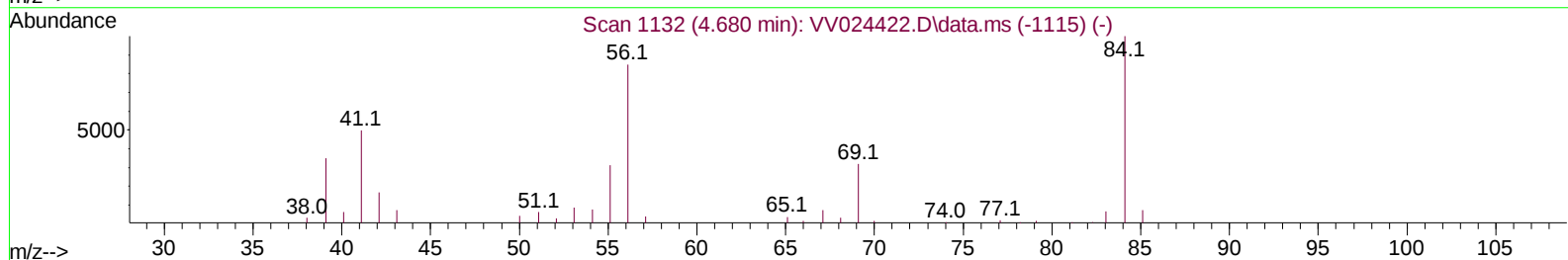
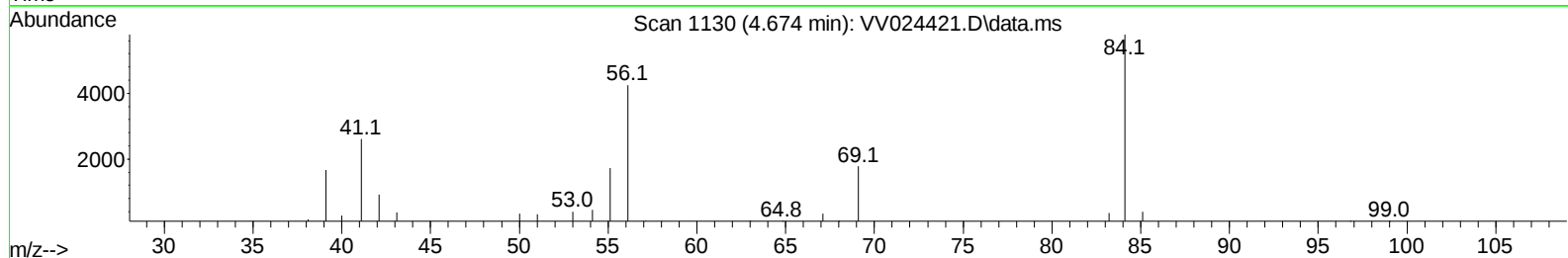
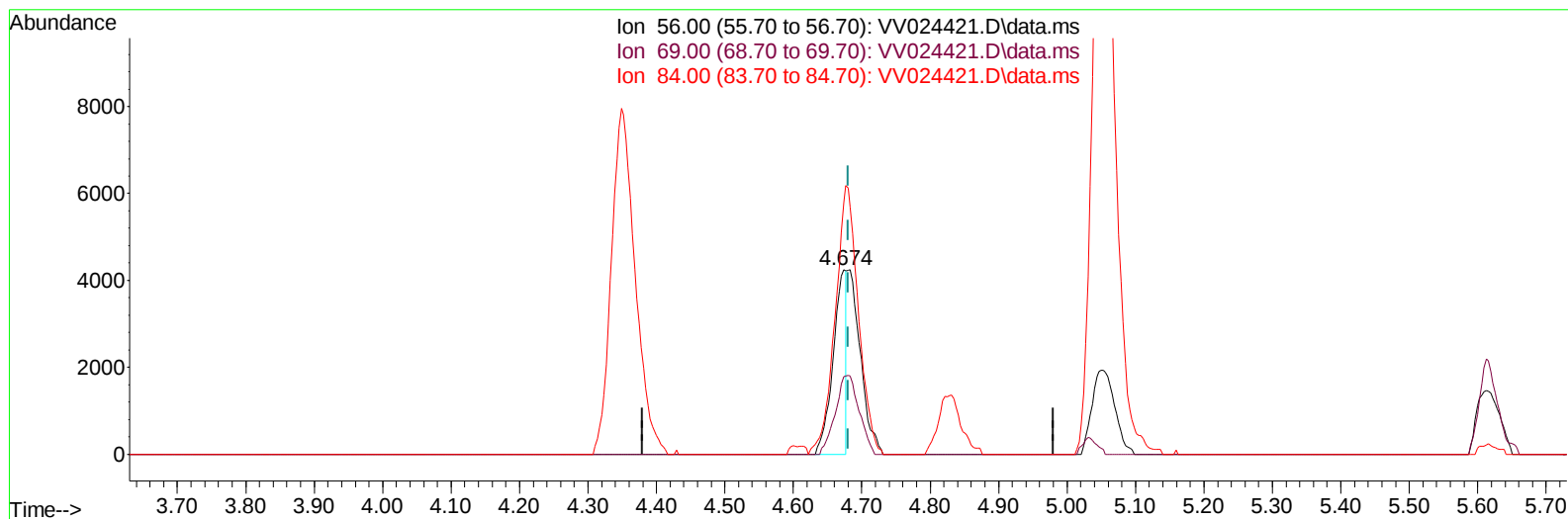
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Manual IntegrationsAPPROVED

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TIC: VV024421.D\data.ms

(29) Cyclohexane (T)

4.674min (-0.007) 5.09 ug/L

response 5673

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	36.90	76.11#
84.00	119.80	254.98#
0.00	0.00	0.00

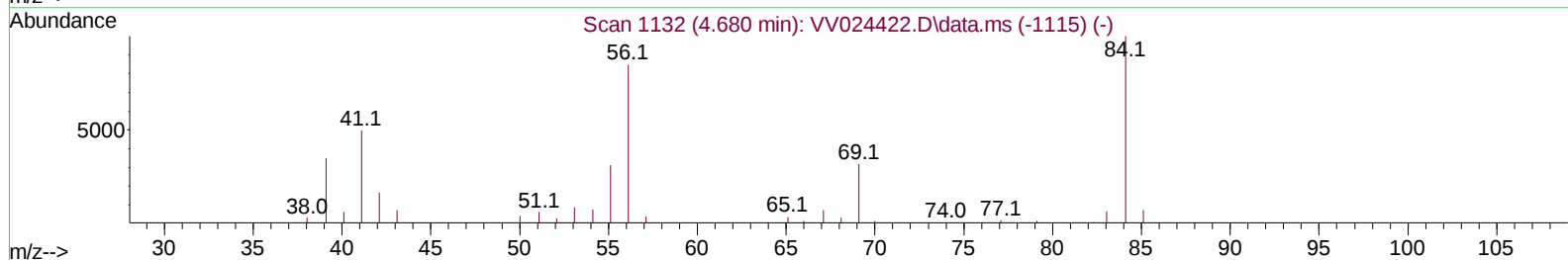
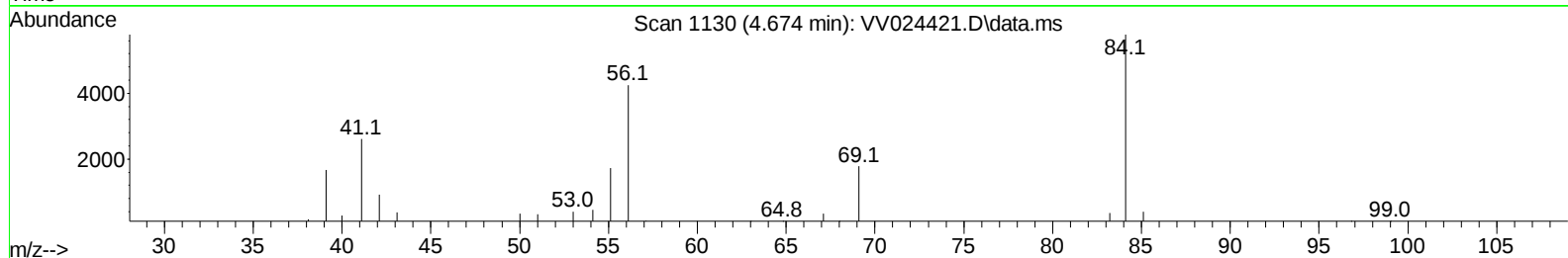
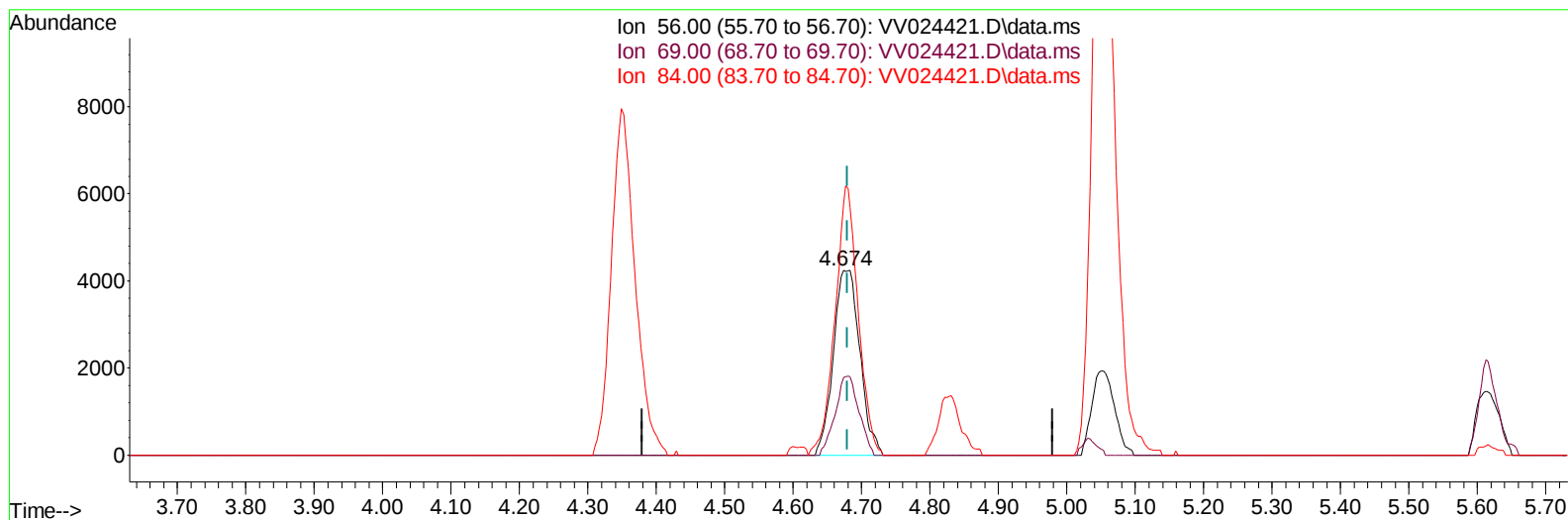
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 Operator : SY/MD
 Sample : VSTD01076
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD010276

Manual IntegrationsAPPROVED

Quant Time: Jan 24 02:14:01 2022
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 Supervised By :Mahesh Dadoda 01/24/2022



TIC: VV024421.D\data.ms

(29) Cyclohexane (T)

4.674min (-0.007) 10.18 ug/L m

response 11353

Ion	Exp%	Act%
56.00	100.00	100.00
69.00	36.90	38.03
84.00	119.80	127.41
0.00	0.00	0.00

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 ALS Vial : 4 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	145950	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138165	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81239	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	8924	9.298	ug/L	0.00
7) Chloroethane-d5	1.571	69	4970	8.997	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	12887	8.384	ug/L	0.00
21) 2-Butanone-d5	3.908	46	9055m	20.799	ug/L	0.02
24) Chloroform-d	4.349	84	19195	9.879	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	13664	9.535	ug/L	0.00
32) Benzene-d6	5.050	84	33984	10.243	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	7885	10.650	ug/L	0.00
41) Toluene-d8	7.317	98	34244	9.892	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	5481	9.697	ug/L	0.00
47) 2-Hexanone-d5	8.095	63	6143	19.271	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	10203	9.357	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	16445	9.871	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	15736	9.611	ug/L	96
3) Chloromethane	1.243	50	9475	9.552	ug/L	97
5) Vinyl chloride	1.314	62	10511	9.090	ug/L	99
6) Bromomethane	1.526	94	5795	9.224	ug/L	100
8) Chloroethane	1.590	64	4496	9.006	ug/L	93
9) Trichlorofluoromethane	1.757	101	19303	8.684	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	7184	9.053	ug/L	99
12) 1,1-Dichloroethene	2.121	96	6979	9.034	ug/L	98
13) Acetone	2.191	43	9073m	16.819	ug/L	
14) Carbon disulfide	2.297	76	16589	7.481	ug/L #	94
15) Methyl Acetate	2.439	43	3764	6.566	ug/L	96
16) Methylene chloride	2.510	84	6560	7.395	ug/L	94
17) trans-1,2-Dichloroethene	2.767	96	6504	7.211	ug/L	95
18) Methyl tert-butyl Ether	2.767	73	23719	7.750	ug/L	97
19) 1,1-Dichloroethane	3.191	63	14457	10.164	ug/L	96
20) cis-1,2-Dichloroethene	3.912	96	10438	10.123	ug/L	94
22) 2-Butanone	3.992	43	11521m	21.742	ug/L	
23) Bromochloromethane	4.256	128	5882	9.859	ug/L	100
25) Chloroform	4.375	83	19460	10.089	ug/L	100
27) 1,2-Dichloroethane	5.133	62	16794	9.857	ug/L	98
29) Cyclohexane	4.674	56	11353m	10.183	ug/L	
30) 1,1,1-Trichloroethane	4.609	97	20390	9.600	ug/L #	72
31) Carbon tetrachloride	4.831	117	19657	9.450	ug/L	98
33) Benzene	5.101	78	35685	10.162	ug/L	100
34) Trichloroethene	5.915	95	11091	10.169	ug/L	94
35) Methylcyclohexane	6.133	83	15559	10.132	ug/L	96
37) 1,2-Dichloropropane	6.175	63	6164	9.477	ug/L #	96
38) Bromodichloromethane	6.510	83	13820	9.701	ug/L	94
39) cis-1,3-Dichloropropene	7.030	75	13779	9.943	ug/L	92
40) 4-Methyl-2-pentanone	7.227	43	17511	20.262	ug/L	99
42) Toluene	7.387	91	44007	10.090	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.654	75	14383	9.249	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	8880	10.105	ug/L	94
46) Tetrachloroethene	7.976	164	10811	9.787	ug/L	94
48) 2-Hexanone	8.143	43	13380	19.431	ug/L	93
49) Dibromochloromethane	8.246	129	11858	9.566	ug/L	95
50) 1,2-Dibromoethane	8.352	107	9613	10.177	ug/L	91
51) Chlorobenzene	8.882	112	28967	9.660	ug/L	97
52) Ethylbenzene	9.011	91	46362	9.798	ug/L	98
53) m,p-Xylene	9.136	106	19533	9.820	ug/L	93
54) o-Xylene	9.542	106	18400	9.601	ug/L	97
55) Styrene	9.561	104	31734	9.724	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	10381	9.530	ug/L	94
59) Bromoform	9.728	173	8967	9.937	ug/L	98
60) Isopropylbenzene	9.931	105	49999	10.366	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	10661	10.806	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	44625	9.904	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	43961	9.792	ug/L	97
64) 1,3-Dichlorobenzene	11.181	146	27909	10.281	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	27569	10.134	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	26675	10.137	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	2873	8.914	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.644	180	21875	10.018	ug/L	96
70) 1,2,4-trichlorobenzene	13.262	180	18424	9.506	ug/L	98
71) Naphthalene	13.503	128	46373	9.316	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	17827	9.653	ug/L	99

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

