

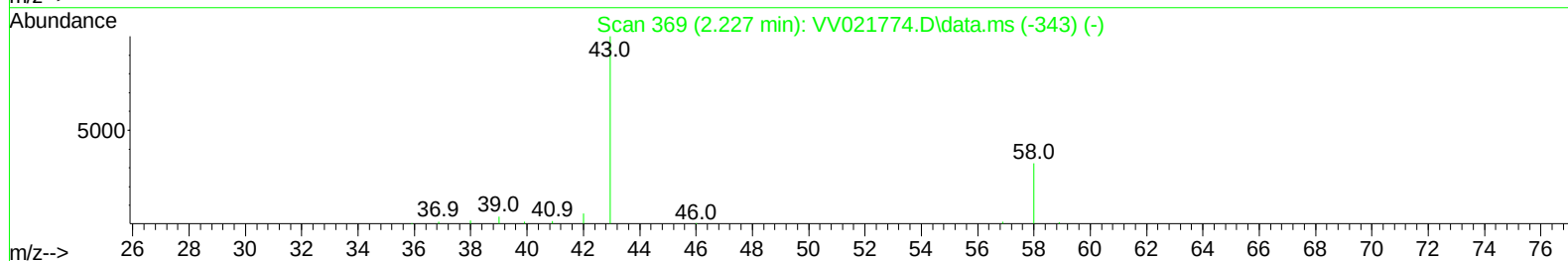
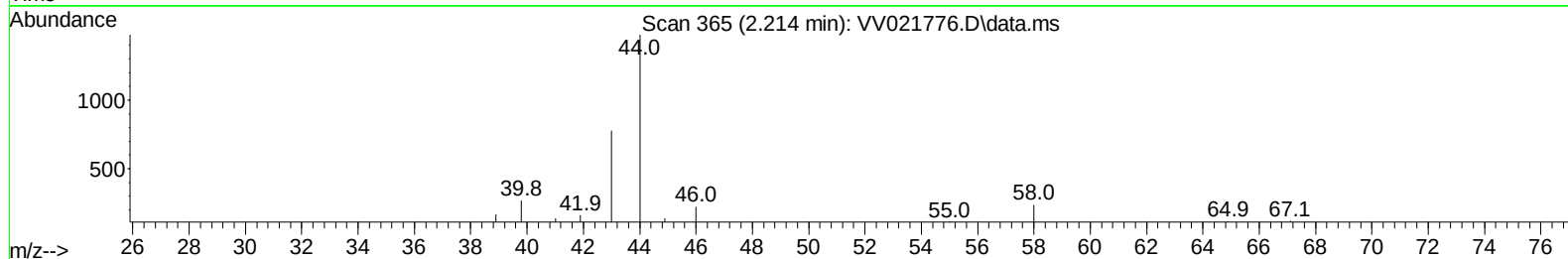
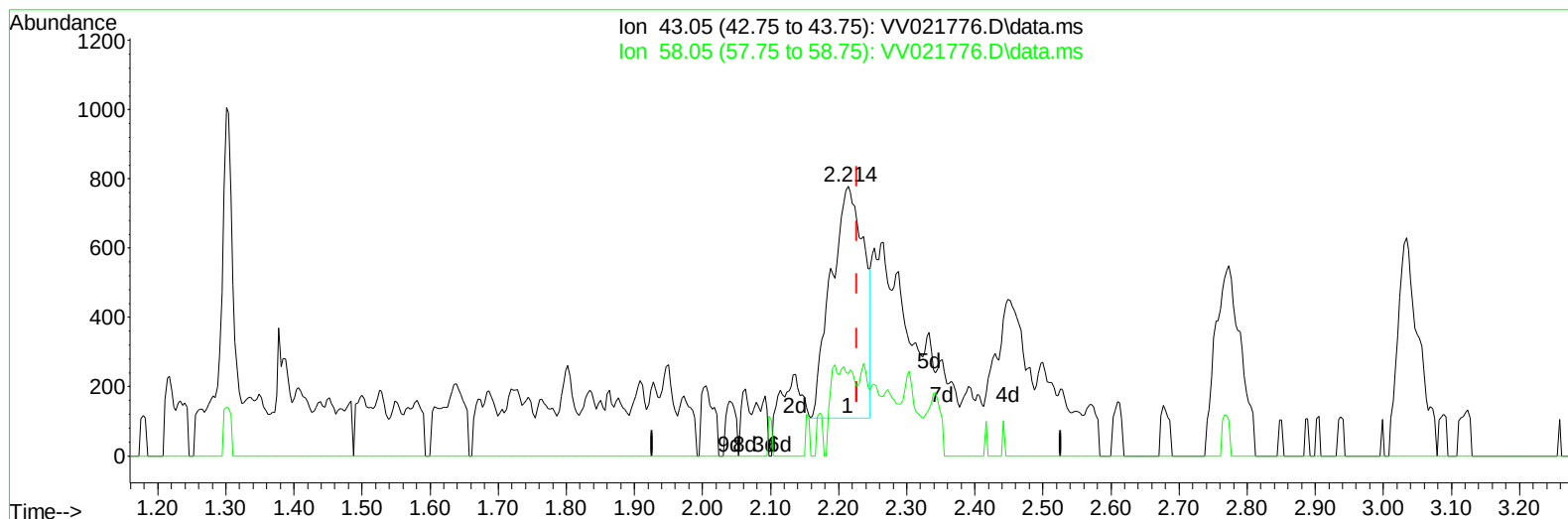
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081221\
 Data File : VV021776.D
 Acq On : 12 Aug 2021 11:18
 Operator : SY/MD
 Sample : M3263-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2021-08

Manual Integrations
 APPROVED

MMDadoda
 8/13/2021 9:14:23 AM

Quant Time: Aug 13 03:58:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 13 03:38:16 2021
 Response via : Initial Calibration



TIC: VV021776.D\data.ms

(13) Acetone (T)

2.214min (-0.013) 1.13 ug/L

response 2249

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	32.10	11.29
0.00	0.00	0.00
0.00	0.00	0.00

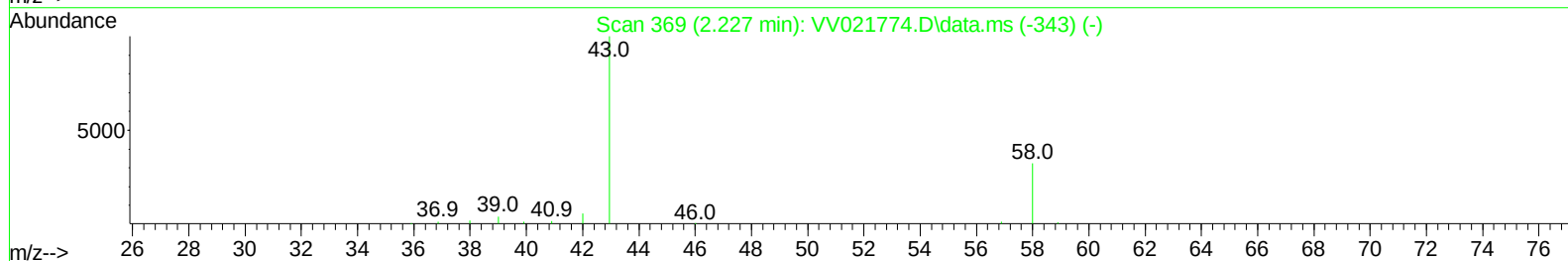
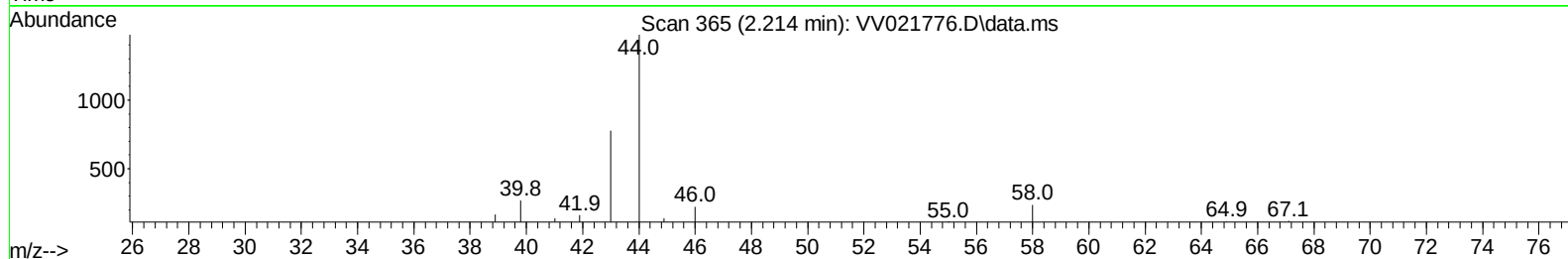
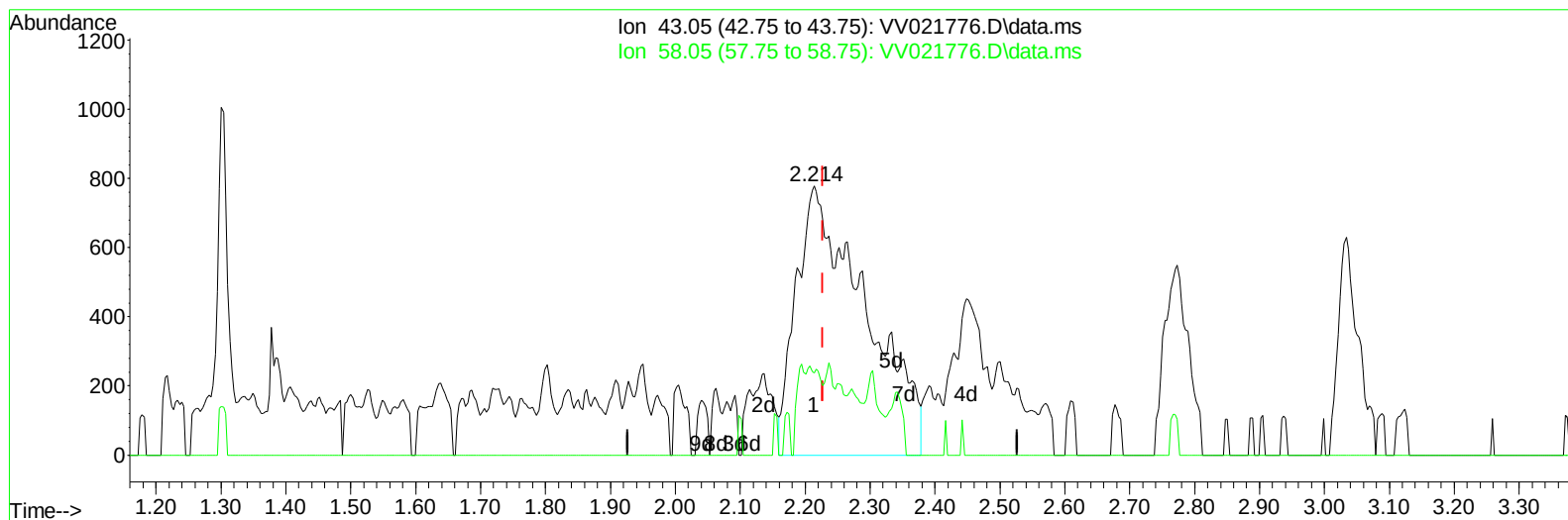
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TIC: VV021776.D\data.ms

(13) Acetone (T)

2.214min (-0.013) 2.87 ug/L m

response 5730

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	32.10	4.43
0.00	0.00	0.00
0.00	0.00	0.00

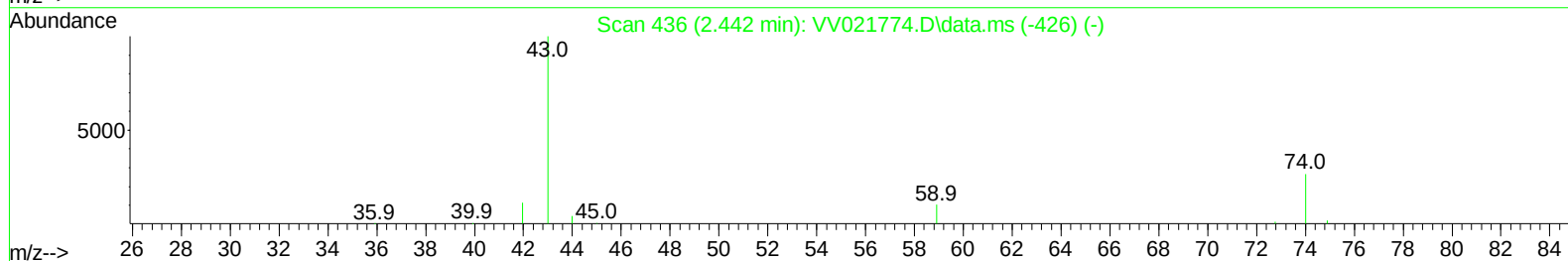
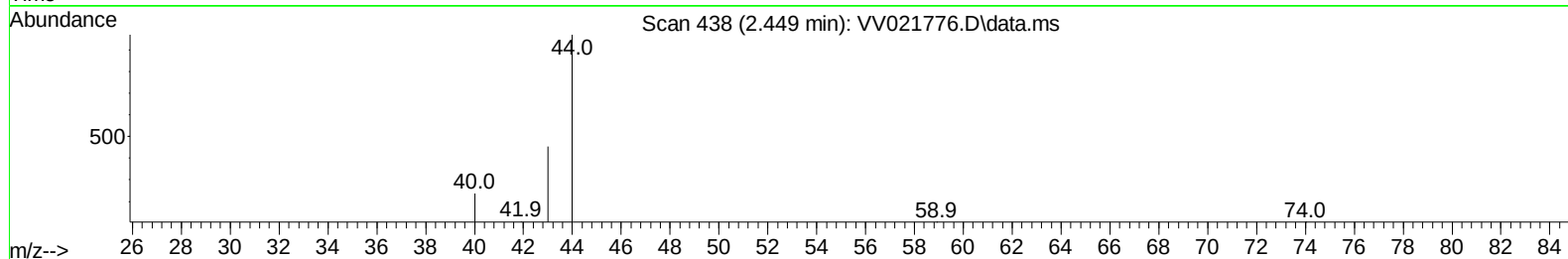
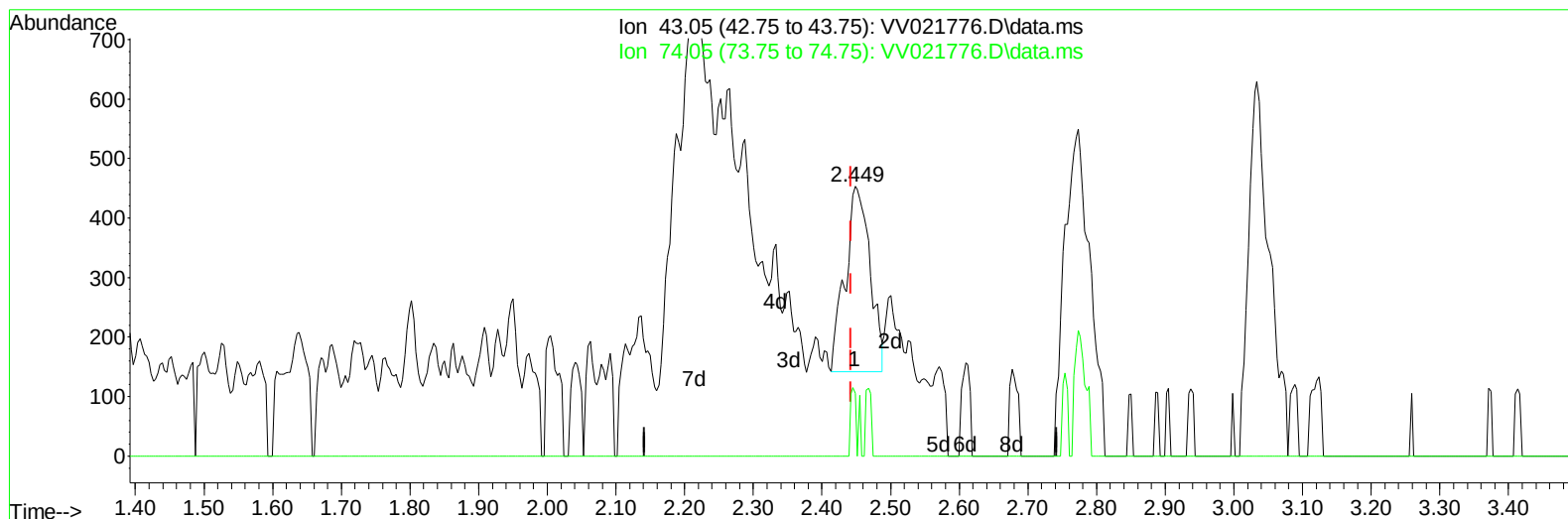
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TIC: VV021776.D\data.ms

(15) Methyl Acetate (T)

2.449min (+ 0.006) 0.14 ug/L

response 780

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	24.30	10.51#
0.00	0.00	0.00
0.00	0.00	0.00

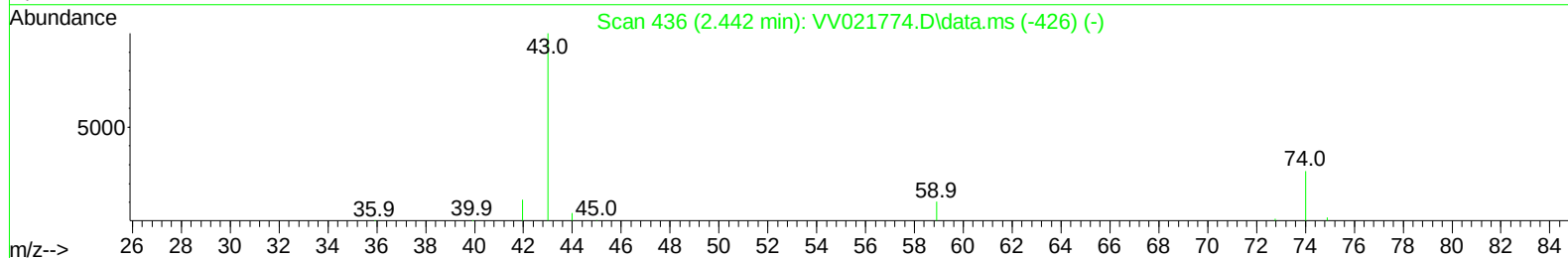
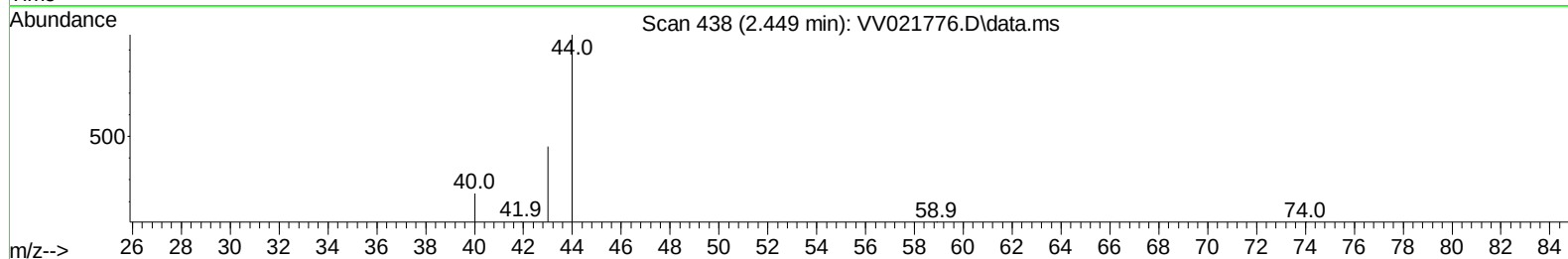
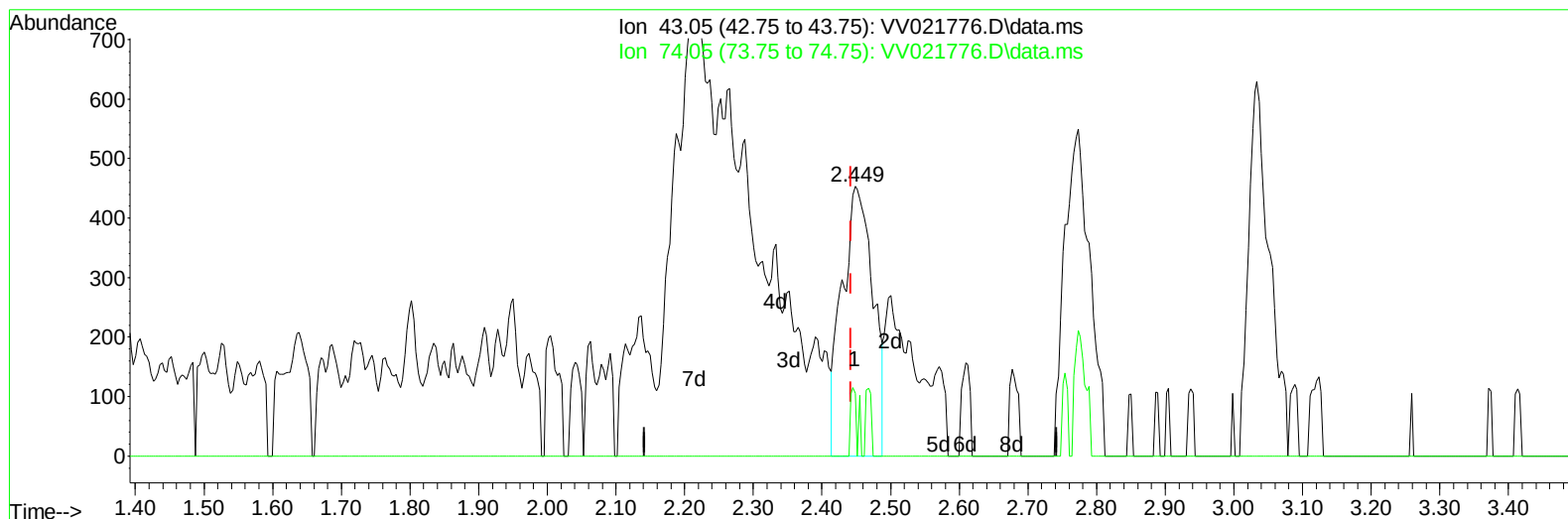
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TIC: VV021776.D\data.ms

(15) Methyl Acetate (T)

2.449min (+ 0.006) 0.25 ug/L m

response 1410

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	24.30	5.82#
0.00	0.00	0.00
0.00	0.00	0.00

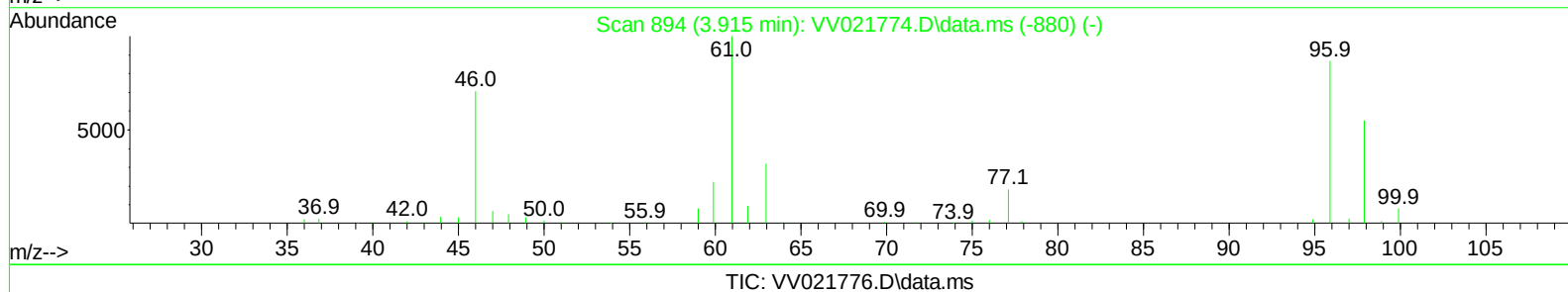
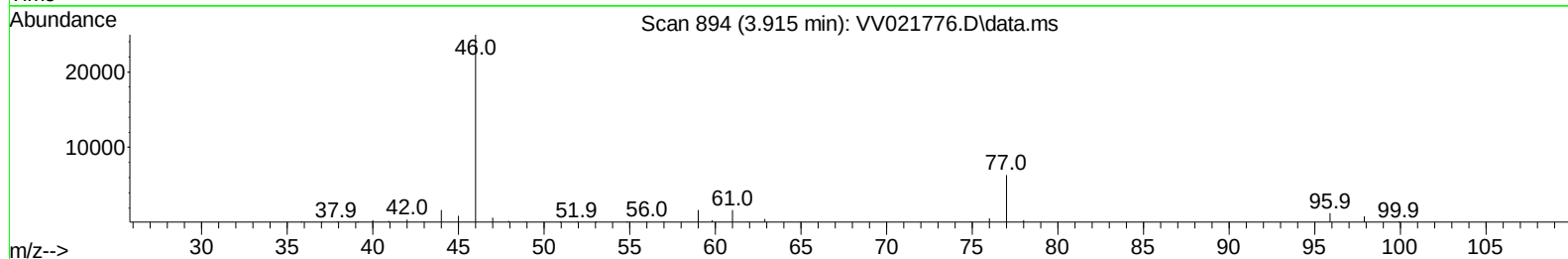
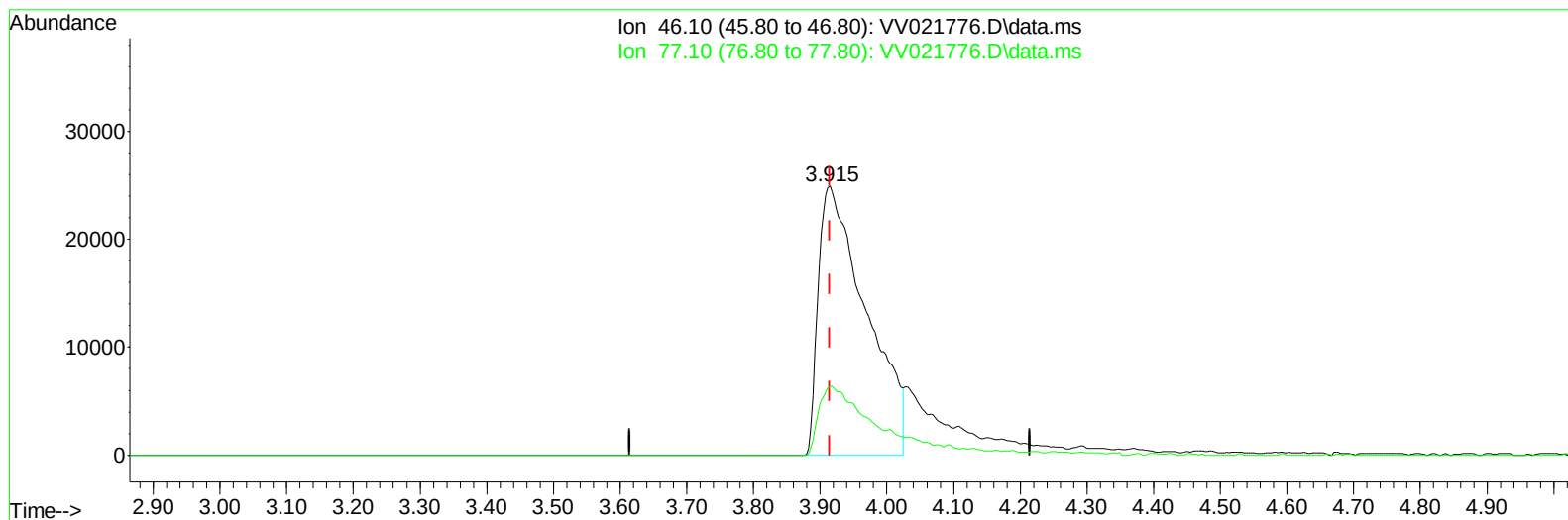
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ClientSampleId :
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(20) 2-Butanone-d5 (S)

3.915min (-0.000) 39.31 ug/L

response 124014

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	24.40	23.31
0.00	0.00	0.00
0.00	0.00	0.00

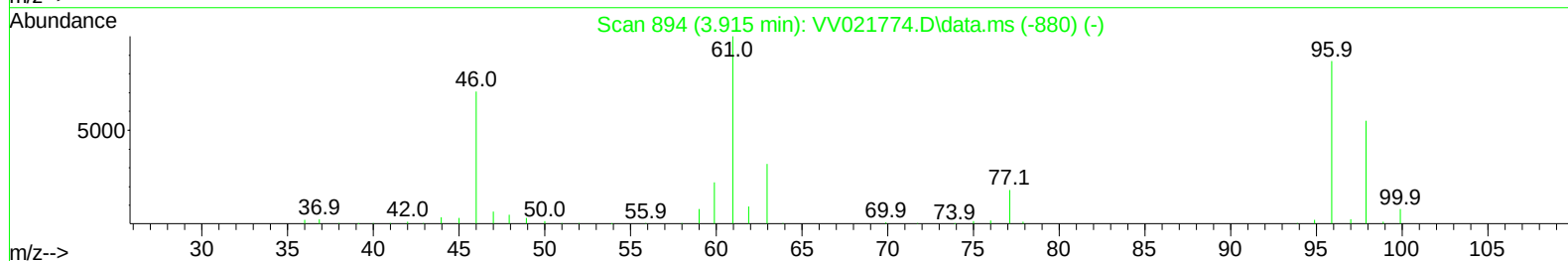
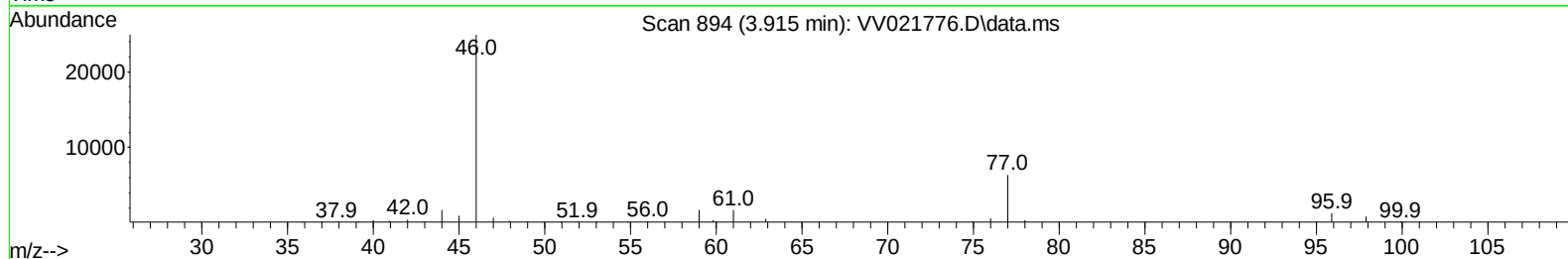
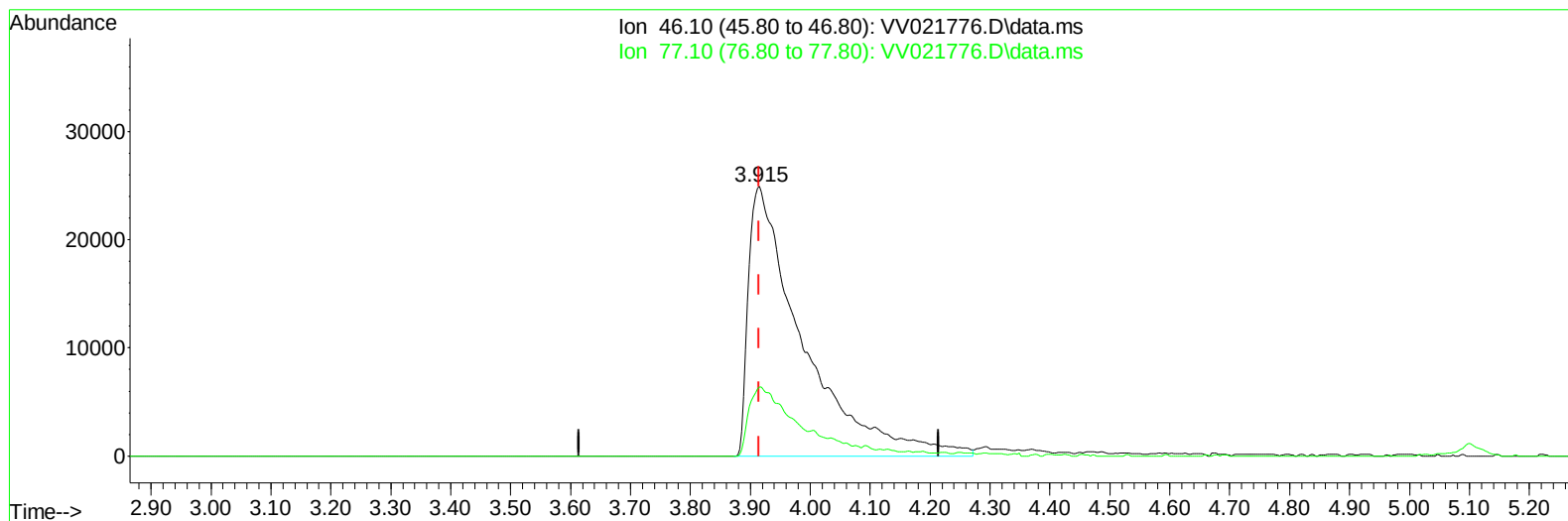
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TIC: VV021776.D\data.ms

(20) 2-Butanone-d5 (S)

3.915min (-0.000) 49.59 ug/L m

response 156454

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	24.40	18.48
0.00	0.00	0.00
0.00	0.00	0.00

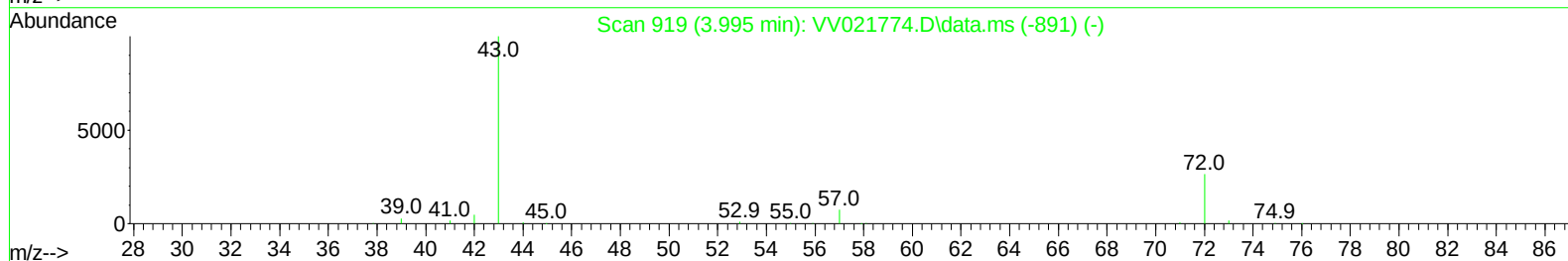
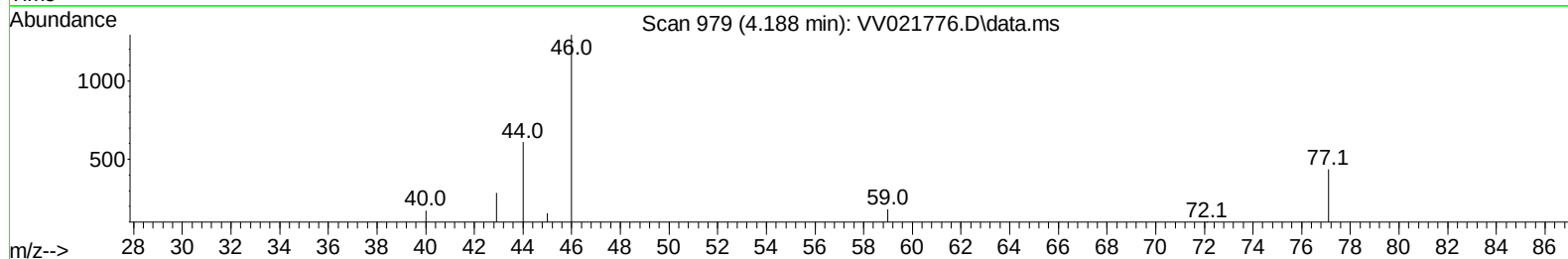
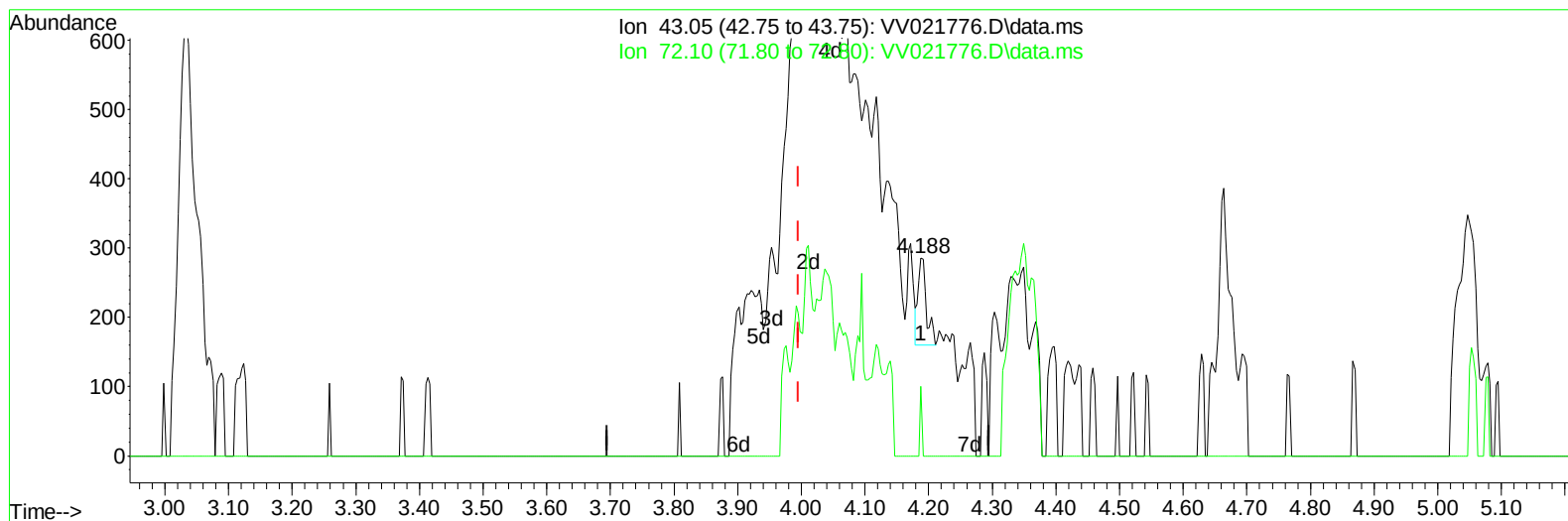
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TIC: VV021776.D\data.ms

(21) 2-Butanone (T)

4.188min (+ 0.193) 0.03 ug/L

response 114

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	26.10	16.67
0.00	0.00	0.00
0.00	0.00	0.00

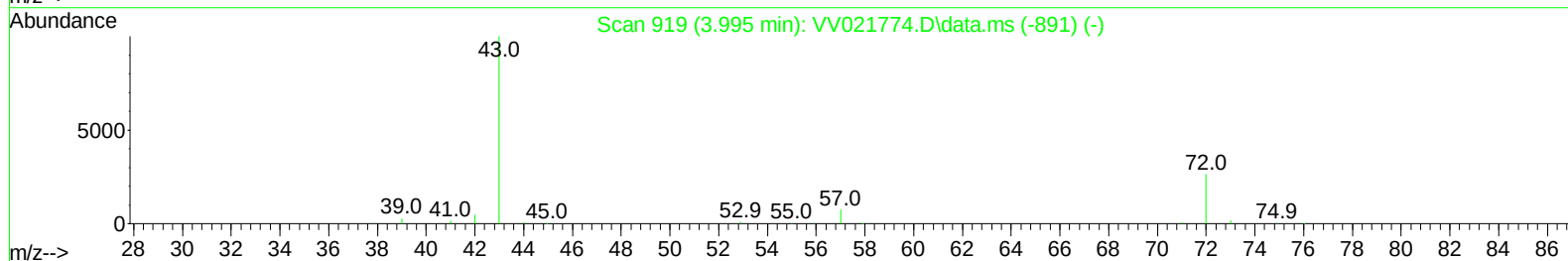
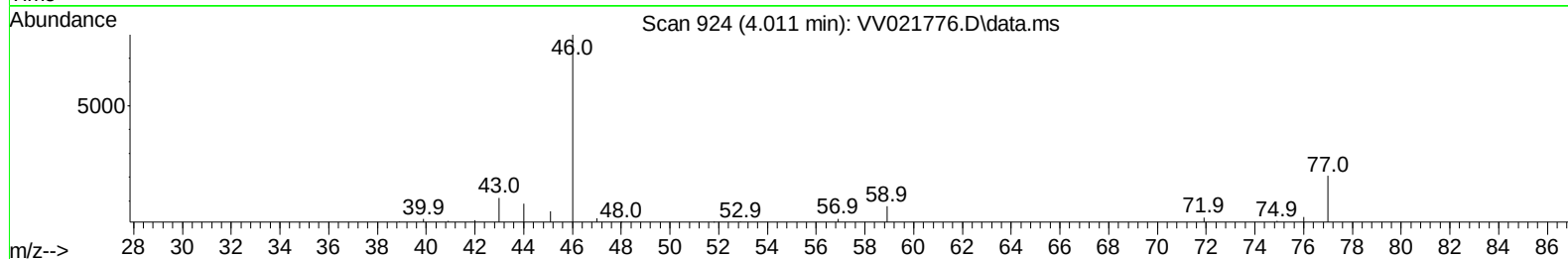
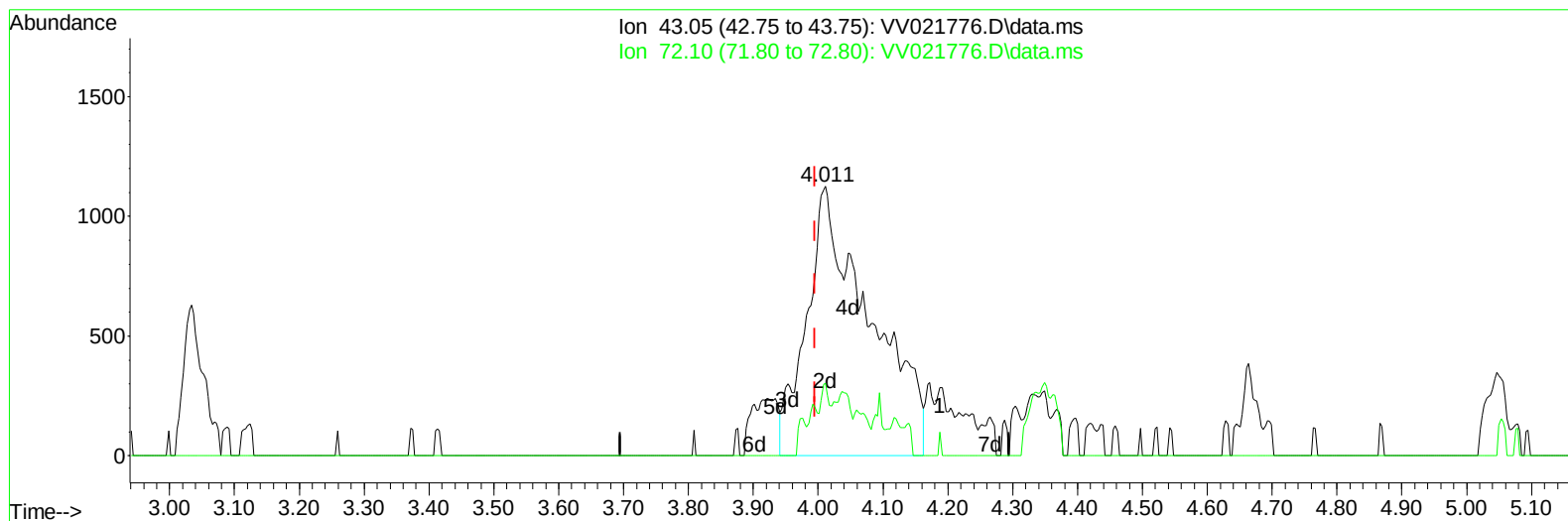
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 Sample : M3263-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

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TIC: VV021776.D\data.ms

(21) 2-Butanone (T)

4.011min (+ 0.016) 2.34 ug/L m

response 7627

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	26.10	0.25#
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	207318	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	191346	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97243	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34784	4.382	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	87.600%	
7) Chloroethane-d5	1.564	69	44240	4.711	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.101	63	59189	3.289	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	65.800%	
20) 2-Butanone-d5	3.915	46	156454m	49.588	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	99.180%	
24) Chloroform-d	4.346	84	117047	4.670	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.030	65	56797	4.953	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	99.000%	
32) Benzene-d6	5.047	84	241305	5.056	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	101.200%	
36) 1,2-Dichloropropane-d6	6.069	67	76935	4.997	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	100.000%	
41) Toluene-d8	7.317	98	213785	4.867	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	7.625	79	21835	4.615	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	92.400%	
46) 2-Hexanone-d5	8.091	63	99042	42.909	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	85.820%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43953	4.291	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	85.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	84638	5.034	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	100.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	3314	0.222	ug/L	100
3) Chloromethane	1.240	50	3418	0.268	ug/L	95
5) Vinyl chloride	1.307	62	3393	0.252	ug/L	93
6) Bromomethane	1.519	94	2130	0.251	ug/L	88
8) Chloroethane	1.580	64	1995	0.236	ug/L	87
9) Trichlorofluoromethane	1.748	101	4369	0.221	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2758	0.259	ug/L	89
12) 1,1-Dichloroethene	2.111	96	2648	0.277	ug/L #	1
13) Acetone	2.214	43	5730m	2.870	ug/L	
14) Carbon disulfide	2.288	76	6850	0.245	ug/L #	94
15) Methyl Acetate	2.449	43	1410m	0.246	ug/L	
16) Methylene chloride	2.503	84	13594	0.788	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	6681	0.223	ug/L	97
18) trans-1,2-Dichloroethene	2.751	96	2734	0.222	ug/L	96
19) 1,1-Dichloroethane	3.191	63	5088	0.222	ug/L	93
21) 2-Butanone	4.011	43	7627m	2.341	ug/L	
22) cis-1,2-Dichloroethene	3.912	96	3062	0.221	ug/L	96
23) Bromochloromethane	4.252	128	1172	0.188	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.375	83	8258	0.337	ug/L	94
27) 1,2-Dichloroethane	5.137	62	3011	0.230	ug/L #	89
29) 1,1,1-Trichloroethane	4.606	97	4485	0.220	ug/L	98
30) Cyclohexane	4.677	56	4259	0.232	ug/L	97
31) Carbon tetrachloride	4.825	117	3721	0.211	ug/L	98
33) Benzene	5.098	78	11276	0.230	ug/L	100
34) Trichloroethene	5.921	95	3336	0.242	ug/L	94
35) Methylcyclohexane	6.127	83	4852	0.244	ug/L	97
37) 1,2-Dichloropropane	6.182	63	3247	0.261	ug/L #	85
38) Bromodichloromethane	6.516	83	3701	0.231	ug/L #	93
39) cis-1,3-Dichloropropene	7.034	75	3800	0.211	ug/L	94
40) 4-Methyl-2-pentanone	7.236	43	15363	2.009	ug/L #	85
42) Toluene	7.394	91	15212	0.287	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	3391	0.222	ug/L	98
45) 1,1,2-Trichloroethane	7.844	97	2149	0.231	ug/L	87
47) Tetrachloroethene	7.979	164	2590	0.242	ug/L	84
48) 2-Hexanone	8.146	43	26178	4.968	ug/L #	90
49) Dibromochloromethane	8.252	129	2301	0.208	ug/L	92
50) 1,2-Dibromoethane	8.361	107	1920	0.221	ug/L #	88
51) Chlorobenzene	8.882	112	7482	0.212	ug/L	93
52) Ethylbenzene	9.017	91	12868	0.225	ug/L	98
53) m,p-xylene	9.146	106	4971	0.223	ug/L	97
54) o-xylene	9.548	106	4845	0.220	ug/L	97
55) Styrene	9.567	104	7199	0.197	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.249	83	2126	0.222	ug/L #	90
59) Bromoform	9.734	173	1164	0.200	ug/L #	94
60) Isopropylbenzene	9.934	105	12438	0.217	ug/L	98
61) 1,2,3-Trichloropropane	10.281	75	1605	0.214	ug/L #	93
62) 1,3,5-Trimethylbenzene	10.541	105	9871	0.207	ug/L	96
63) 1,2,4-Trimethylbenzene	10.918	105	10470	0.216	ug/L	95
64) 1,3-Dichlorobenzene	11.188	146	6131	0.221	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	6189	0.224	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	6036	0.233	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	259	0.184	ug/L #	51
69) 1,3,5-Trichlorobenzene	12.651	180	4097	0.190	ug/L	92
70) 1,2,4-trichlorobenzene	13.268	180	3221	0.189	ug/L	97
71) Naphthalene	13.516	128	4113	0.162	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.750	180	2985	0.199	ug/L	98

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

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 Sample : M3263-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2021-08

Manual Integrations
 APPROVED

MMDadoda
 8/13/2021 9:14:23 AM

Quant Time: Aug 13 03:58:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 13 03:38:16 2021
 Response via : Initial Calibration

