

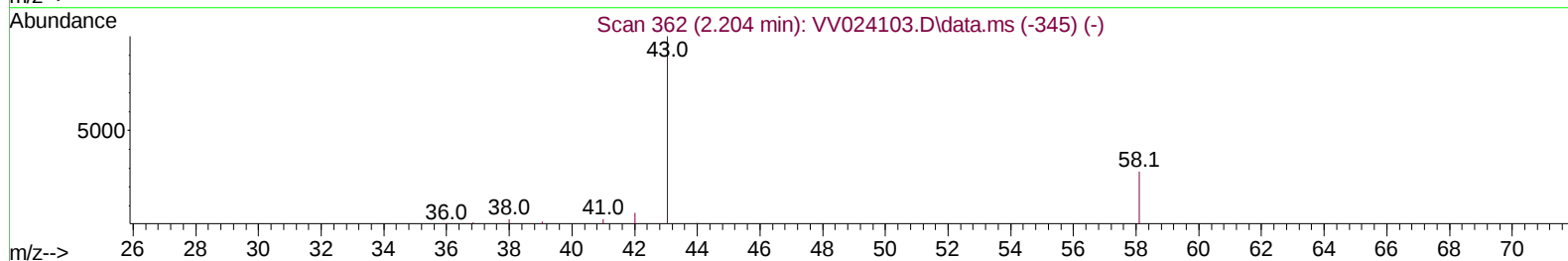
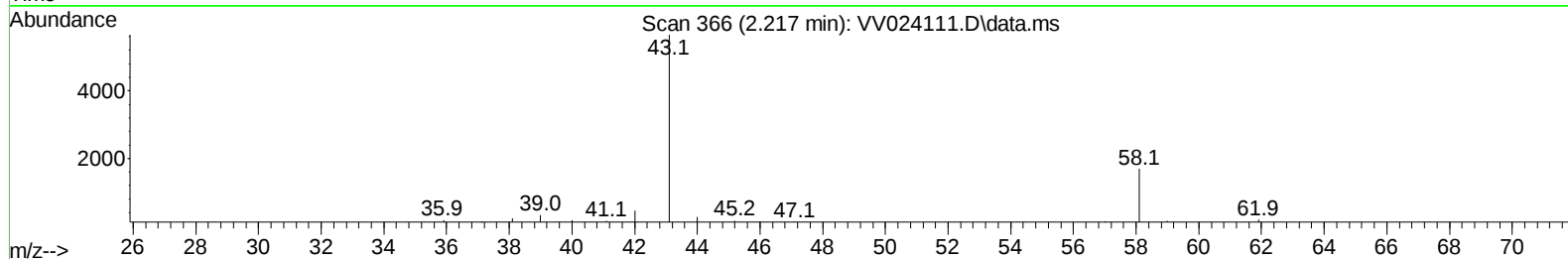
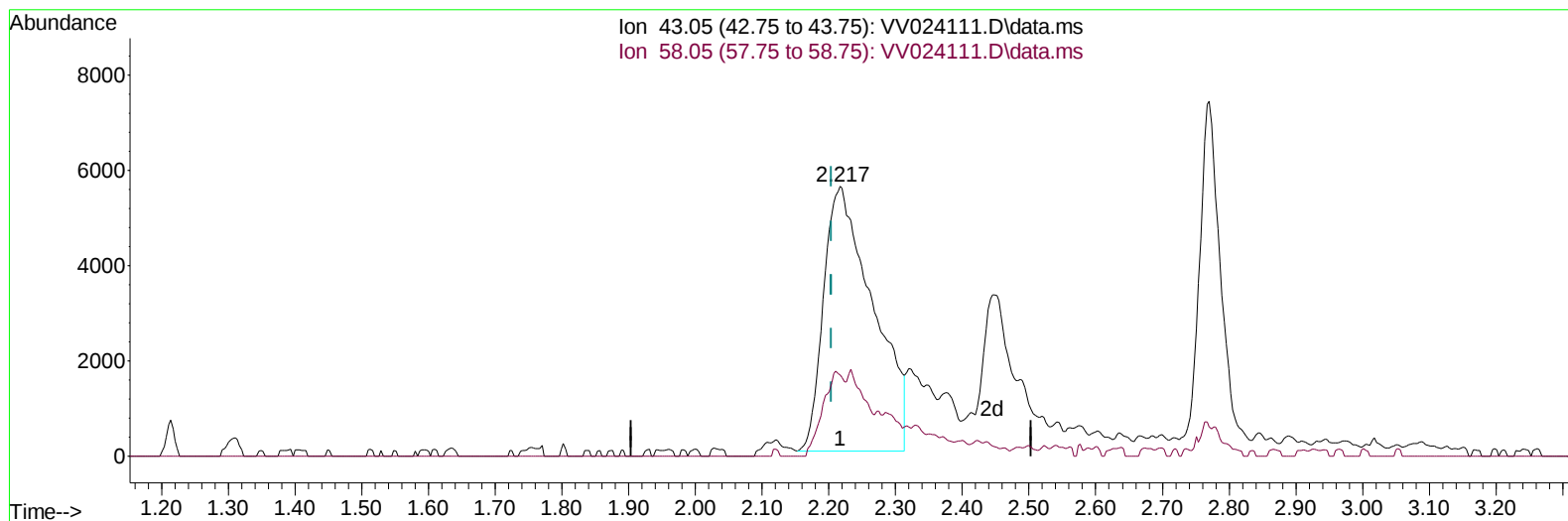
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
 Data File : VV024111.D
 Acq On : 20 Dec 2021 00:37
 Operator : SY/MD
 Sample : M5148-11MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBBS0MSD

Manual IntegrationsAPPROVED

Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/22/2021

Quant Time: Dec 20 04:20:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration



TIC: VV024111.D\data.ms

(13) Acetone (T)

2.217min (+ 0.013) 36.91 ug/L

response 28625

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	13.44
0.00	0.00	0.00
0.00	0.00	0.00

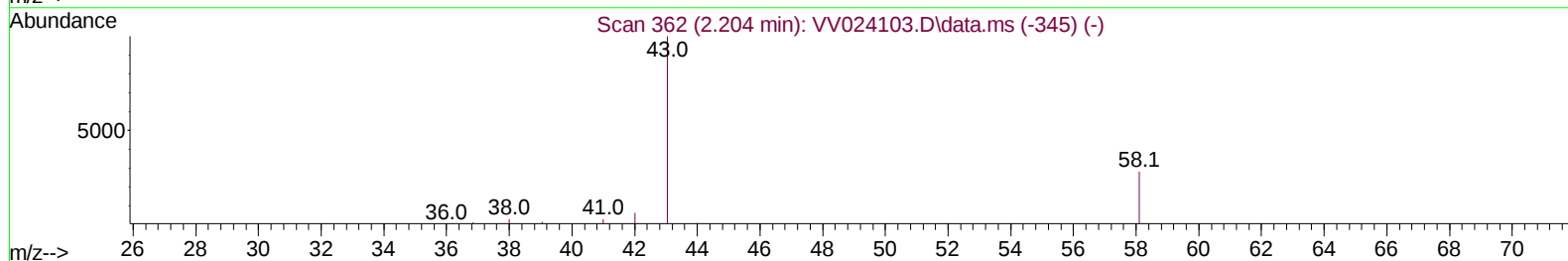
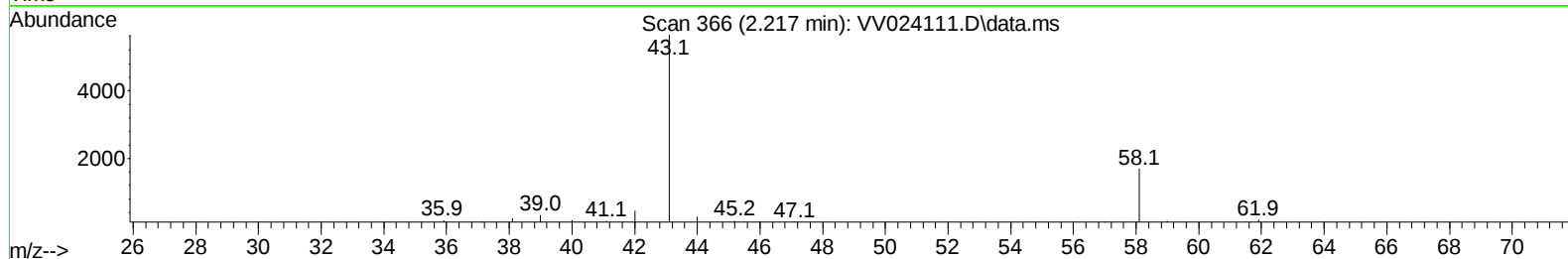
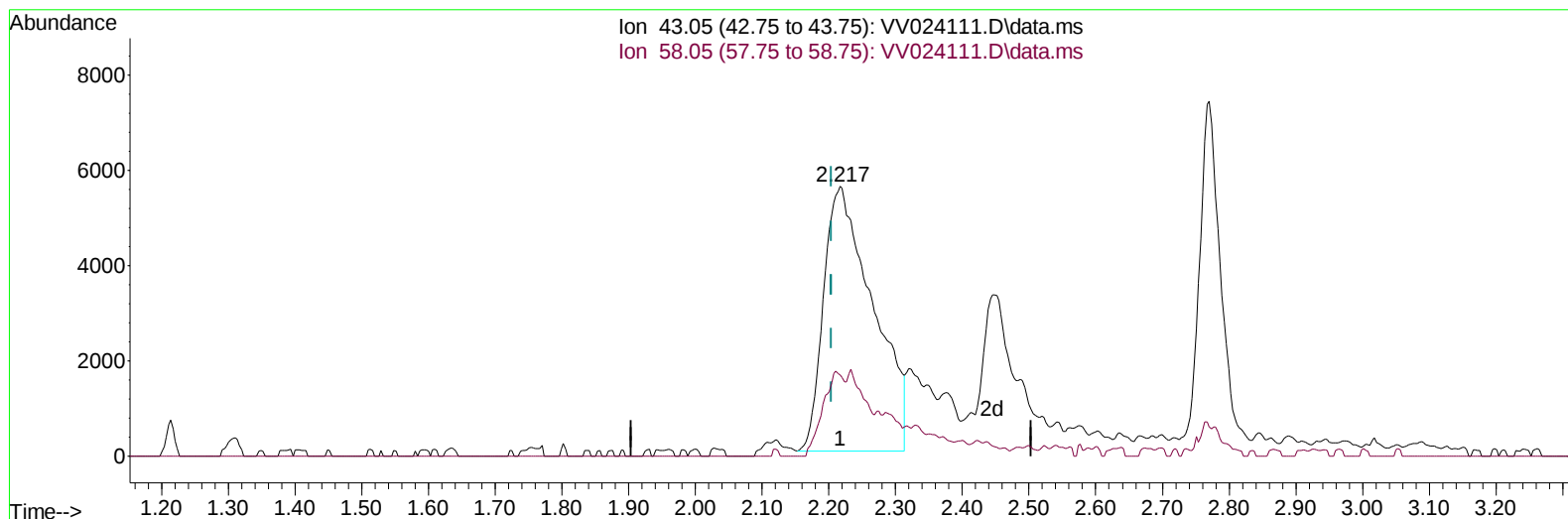
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(13) Acetone (T)

2.217min (+ 0.013) 36.91 ug/L

response 28625

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	13.44
0.00	0.00	0.00
0.00	0.00	0.00

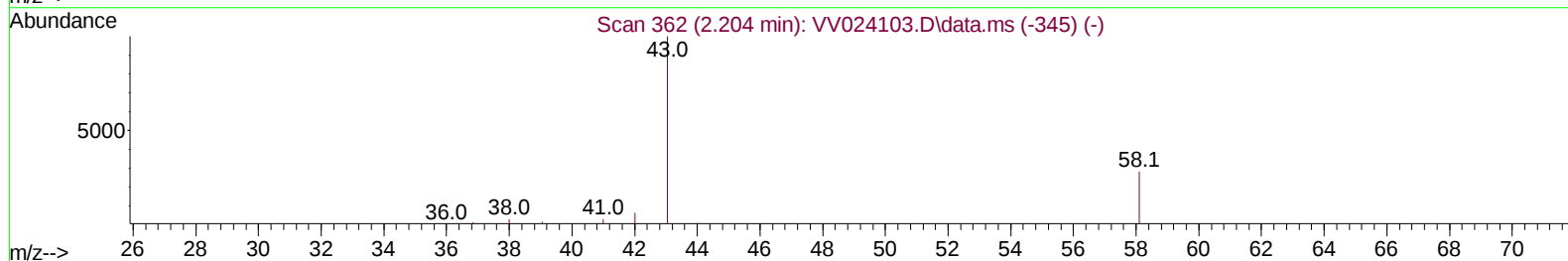
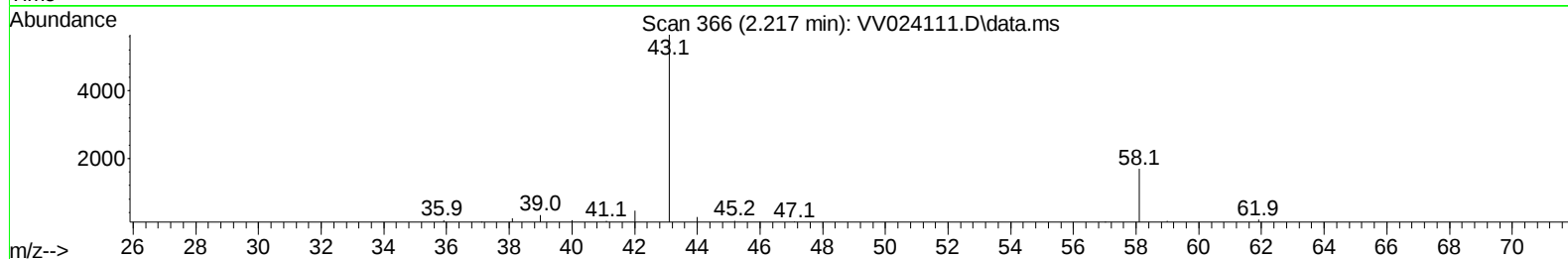
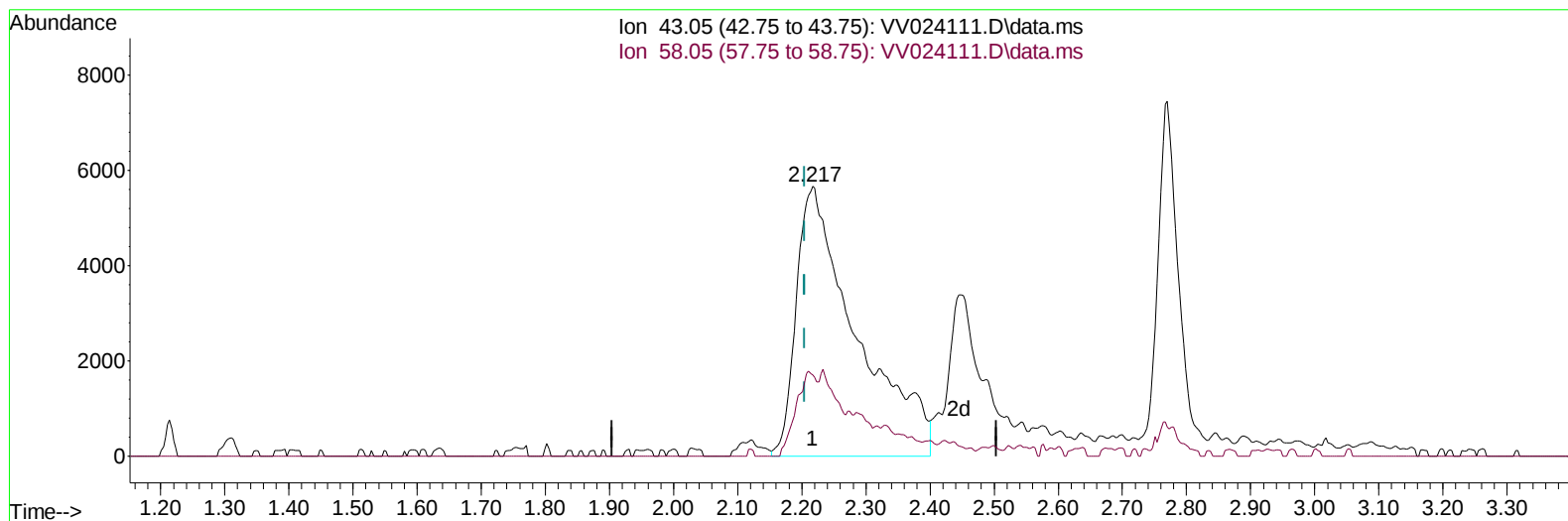
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TIC: VV024111.D\data.ms

(13) Acetone (T)

2.217min (+ 0.013) 47.24 ug/L m

response 36636

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	20.70	10.50
0.00	0.00	0.00
0.00	0.00	0.00

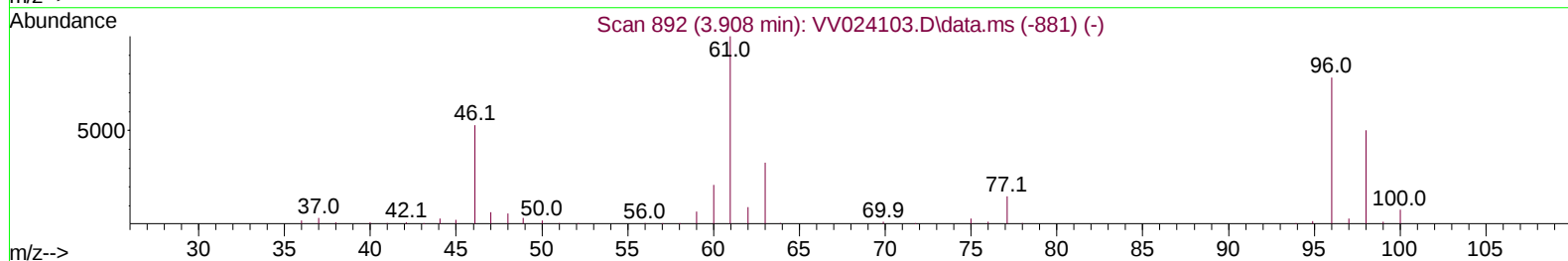
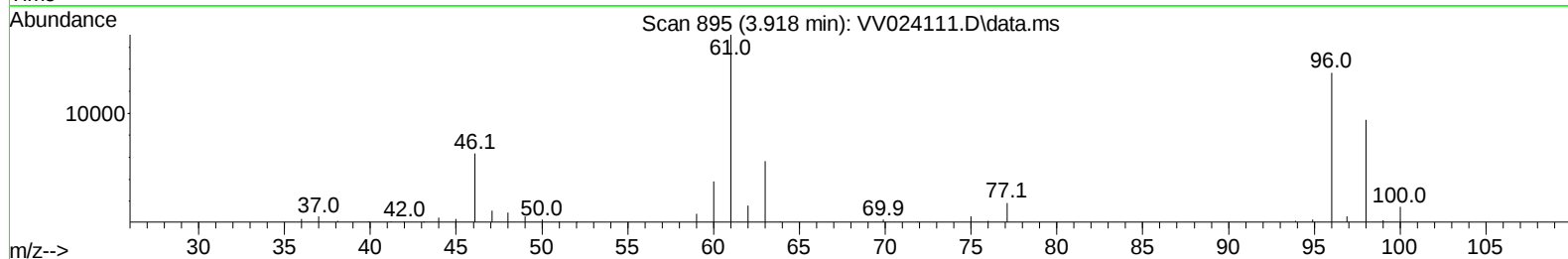
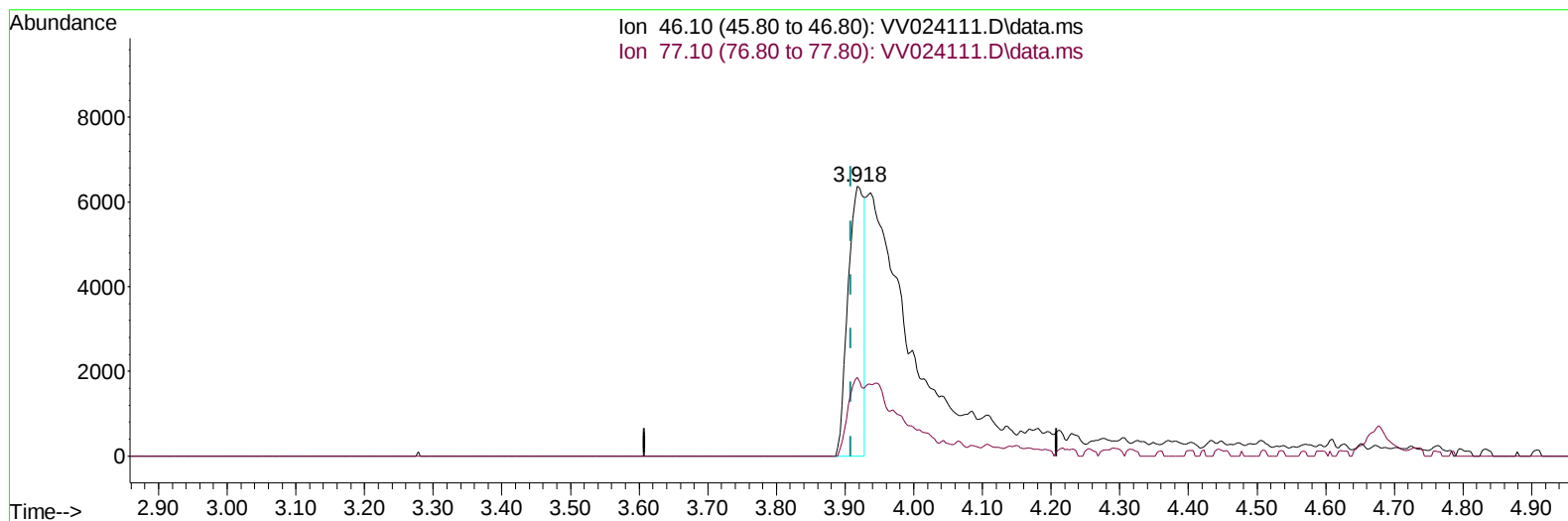
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Instrument :
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TIC: VV024111.D\data.ms

(20) 2-Butanone-d5 (S)

3.918min (+ 0.010) 10.55 ug/L

response 10225

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	28.06#
0.00	0.00	0.00
0.00	0.00	0.00

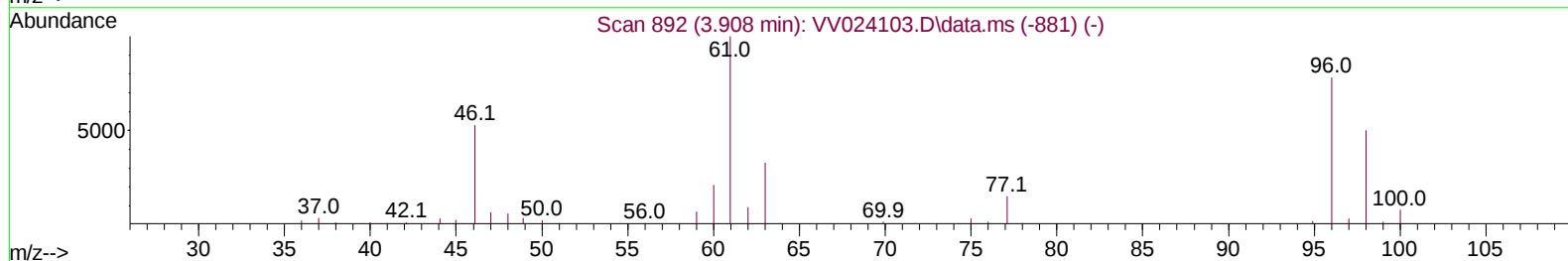
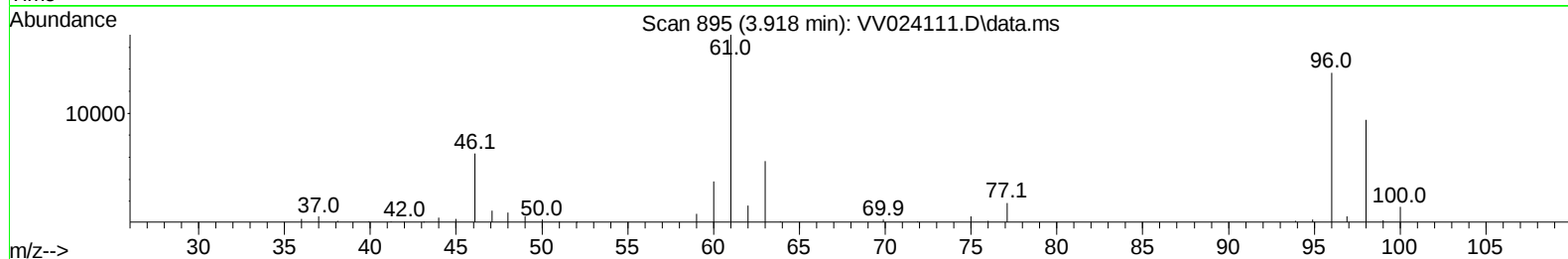
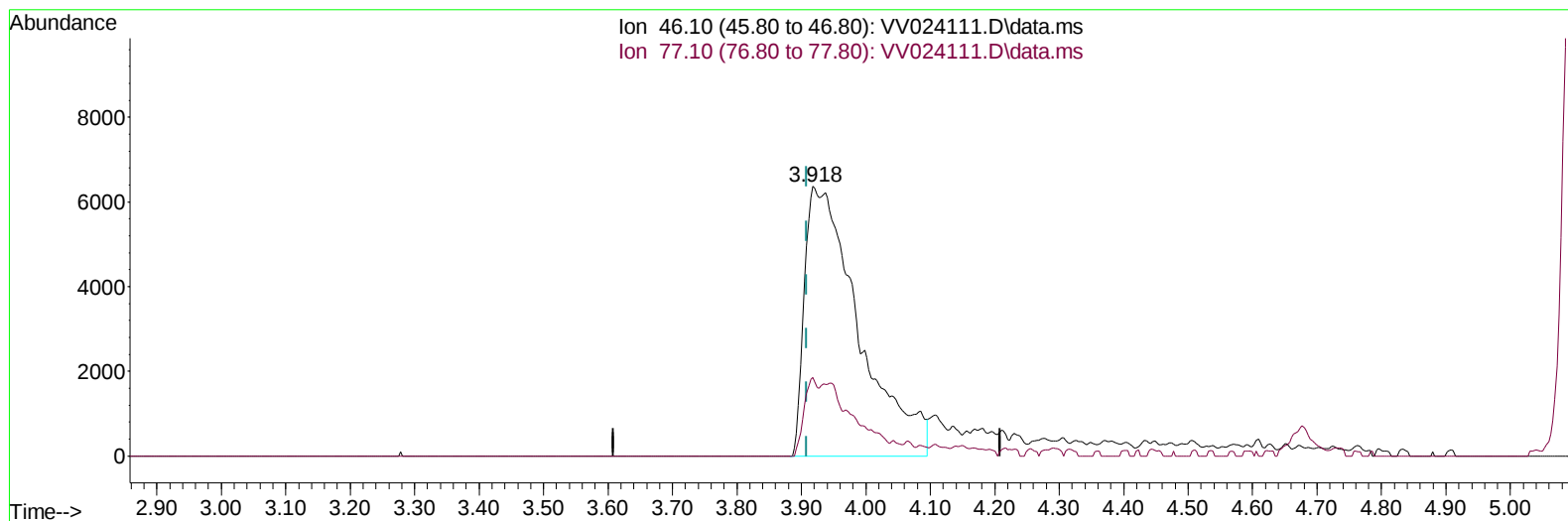
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Instrument :
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TIC: VV024111.D\data.ms

(20) 2-Butanone-d5 (S)

3.918min (+ 0.010) 38.41 ug/L m

response 37232

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	9.40	7.71
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
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Reviewed By :John Carlone 12/20/2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	92287	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	95496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18672	3.764	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	75.200%	
7) Chloroethane-d5	1.568	69	16948	4.094	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	81.800%	
11) 1,1-Dichloroethene-d2	2.111	63	46846	4.837	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	96.800%	
20) 2-Butanone-d5	3.918	46	37232m	38.412	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	76.820%	
24) Chloroform-d	4.349	84	50362	4.481	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	5.034	65	23948	4.577	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	91.600%	
32) Benzene-d6	5.050	84	87867	4.646	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.069	67	25502	4.469	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	89.400%	
41) Toluene-d8	7.316	98	86562	5.083	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	101.600%	
43) trans-1,3-Dichloroprop...	7.625	79	10223	4.318	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	86.400%	
46) 2-Hexanone-d5	8.091	63	37980	35.838	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	71.680%	
56) 1,1,2,2-Tetrachloroeth...	10.213	84	19474	4.114	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	82.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	35268	4.548	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	91.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	38039	4.736	ug/L	99
3) Chloromethane	1.240	50	32551	4.743	ug/L	95
5) Vinyl chloride	1.310	62	38043	5.111	ug/L	99
6) Bromomethane	1.523	94	23869	5.046	ug/L	97
8) Chloroethane	1.584	64	24579	5.074	ug/L	94
9) Trichlorofluoromethane	1.754	101	70614	5.459	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	36776	5.398	ug/L	98
12) 1,1-Dichloroethene	2.117	96	32365	5.227	ug/L	93
13) Acetone	2.217	43	36636m	47.244	ug/L	
14) Carbon disulfide	2.294	76	80565	4.486	ug/L	99
15) Methyl Acetate	2.445	43	8120	4.320	ug/L	95
16) Methylene chloride	2.510	84	37505	4.630	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	77960	5.568	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	35560	5.188	ug/L	97
19) 1,1-Dichloroethane	3.191	63	63916	5.196	ug/L	98
21) 2-Butanone	4.005	43	44387	40.061	ug/L	92
22) cis-1,2-Dichloroethene	3.911	96	36802	5.072	ug/L	98
23) Bromochloromethane	4.249	128	17733	5.379	ug/L	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	4.374	83	72966	5.336	ug/L	97
27) 1,2-Dichloroethane	5.133	62	40656	5.487	ug/L	95
29) 1,1,1-Trichloroethane	4.609	97	68860	5.512	ug/L	99
30) Cyclohexane	4.677	56	47219	4.765	ug/L	97
31) Carbon tetrachloride	4.828	117	62117	5.289	ug/L	98
33) Benzene	5.098	78	143982	5.330	ug/L	100
34) Trichloroethene	5.915	95	38977	5.115	ug/L	95
35) Methylcyclohexane	6.130	83	53092	4.734	ug/L	99
37) 1,2-Dichloropropane	6.172	63	34898	5.435	ug/L	99
38) Bromodichloromethane	6.509	83	48415	5.323	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	46752	4.905	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	161932	52.500	ug/L	99
42) Toluene	7.387	91	163784	5.387	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	42024	5.100	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	25451	5.358	ug/L	97
47) Tetrachloroethene	7.976	164	34778	5.184	ug/L	96
48) 2-Hexanone	8.143	43	124024	55.454	ug/L	95
49) Dibromochloromethane	8.246	129	33323	5.156	ug/L	99
50) 1,2-Dibromoethane	8.352	107	23437	5.314	ug/L	94
51) Chlorobenzene	8.879	112	105693	5.201	ug/L	98
52) Ethylbenzene	9.011	91	168904	5.265	ug/L	100
53) m,p-xylene	9.140	106	67671	5.334	ug/L	99
54) o-xylene	9.541	106	67124	5.471	ug/L	95
55) Styrene	9.561	104	112114	5.489	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	27554	5.297	ug/L	100
59) Bromoform	9.731	173	17517	4.701	ug/L	99
60) Isopropylbenzene	9.931	105	176988	5.192	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	20145	5.094	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	145335	5.140	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	148531	5.273	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	91476	5.247	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	92012	5.255	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	84091	5.265	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	4285	4.961	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	70747	4.934	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	53735	4.772	ug/L	97
71) Naphthalene	13.500	128	78202	4.832	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	50043	5.034	ug/L	99

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

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